

Senate Order - Pratt motion for the scheme rounds - DP22, LP21 R1 and UEF22

Entered on 24/12/2021

(a) Application Number	(b) Title of Allocation	(c) Scheme	(d) Date received by Minister	(e) Whether grant approved by Minister	(f) Date of Minister's decision	(g) Date applicant informed of outcome	(h) Grant Amount	(i) Public amount used and date
DP22010002	Toward a Female Stoic Tradition: Women's Writings in England, 1600-1800	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$275,000	24/12/2021
DP22010003	Secure Cloudsourcing Classification with Privacy Protection against Servers	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$462,000	24/12/2021
DP22010007	New Techniques for New Physics Searches at the CERN Large Hadron Collider	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$408,000	24/12/2021
DP22010020	Scalable atom-thin materials for monolithic electronics & optoelectronics	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$413,000	24/12/2021
DP22010030	Maximising the Use of Waste Gases in Sustainable Composite Columns	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$416,000	24/12/2021
DP22010040	Unravelling Learning: From cells to circuits to behaviour	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$411,453	24/12/2021
DP22010050	Public Interest Advocacy in Australian Polymaking	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$278,273	24/12/2021
DP22010051	The molecular record in extraordinarily preserved plants and insects	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$484,598	24/12/2021
DP22010067	Optimal shapes in geometry and physics: Isoperimetry in modern analysis	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$295,000	24/12/2021
DP22010070	How Spinal Afferent Neurons Control Appetite and Thirst	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$458,619	24/12/2021
DP22010079	Lifting the burden of imprisonment: Creating safer and stronger communities	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$229,029	24/12/2021
DP22010088	Manufacturing Nanostructured Polymer Thin Films using Visible Light	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$470,000	24/12/2021
DP22010090	Quantitative Analysis of Systemic Risk in Insurance	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$378,292	24/12/2021
DP22010098	Mining voids and just transition: reimagining post-mining landscapes	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$318,659	24/12/2021
DP22010100	Old brain cells perform new tricks to allow lifelong learning	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$408,000	24/12/2021
DP22010101	Engine-Mediated Machining of Oxidative to Bind and Recover Valuable Metals	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$440,000	24/12/2021
DP22010110	Artisanal making and the future of small-scale local production	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$360,979	24/12/2021
DP22010111	Programmable Organometallics for Spatiotemporal Light Control	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$522,000	24/12/2021
DP22010116	Carbon-Supported Iron Catalysts for Selective Catalytic Reduction of NO	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$630,000	24/12/2021
DP22010120	Choosing to pretest: sexual selection in the wild	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$563,312	24/12/2021
DP22010124	Advancing Inverter action on energy transition	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$358,400	24/12/2021
DP22010130	A design-led approach for multifunctional composites	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$317,442	24/12/2021
DP22010138	Material and crystallographic insight into metal and the early Earth's mantle	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$413,000	24/12/2021
DP22010152	Understanding self-editing apps in youth visual digital cultures	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$175,496	24/12/2021
DP22010163	Dynamic Mechano-Microscopy for use in Mechanobiology	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$472,000	24/12/2021
DP22010167	The Impact of Water Stress on Early Humans in the Kalbarri Desert	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$287,653	24/12/2021
DP22010173	Earth's Dynamic Topography Through Space and Time	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$407,000	24/12/2021
DP22010178	Quantum microscopy meets photovoltaics: new tools for solar cell research	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$397,000	24/12/2021
DP22010183	Understanding visual working memory: a cognitive strategy framework	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$443,726	24/12/2021
DP22010188	Designing responsible mining to fuel a green energy transition	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$484,000	24/12/2021
DP22010192	Investigating non-canonical RNA processing in developing spermatids	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$570,000	24/12/2021
DP22010195	Decoding the geochemical record of early human fossils	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$368,118	24/12/2021
DP22010196	Social Resilience, Migrant Integration and Informal Sport in Public Space	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$343,442	24/12/2021
DP22010199	Investigating the direct and indirect effects of a student leader program	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$391,400	24/12/2021
DP22010201	Saharab's enablers? Social complexity in the Indonesian killings of 1965-66	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$553,734	24/12/2021
DP22010215	Physis aware Smart Access Control for Intra-city and Blockchain	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$390,000	24/12/2021
DP22010218	Microplastics in Landfills and Surrounding Environments	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$554,500	24/12/2021
DP22010221	Need for Speed: Towards Controller Design Automation for Power Electronics	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$495,000	24/12/2021
DP22010240	Governing during an ocean climate crisis: Building integrative capacity	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$464,726	24/12/2021
DP22010241	The role of song in Kaytetye and Warlpiri localised knowledge	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$442,000	24/12/2021
DP22010245	Endocrine disruption in wildlife: a sexual selection perspective	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$465,646	24/12/2021
DP22010250	The genetics of four ancient 'Kings of Sulu and Sunda	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$430,182	24/12/2021
DP22010261	Microfluidics with cone-shaped beads: handling liquids like solids	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$585,000	24/12/2021
DP22010285	Harmonic analysis of Laplacians in curved spaces	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$375,000	24/12/2021
DP22010289	Deciphering strategies polar phytoplankton employ to lessen iron limitation	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$470,342	24/12/2021
DP22010300	Unlocking the potential of multiphoton photonic devices	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$432,873	24/12/2021
DP22010303	Sustainable Mathematical Foundations: STEM-enriched Modelling	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$352,636	24/12/2021
DP22010306	Modelling of polydisperse particle-fluid reacting flows	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$390,000	24/12/2021
DP22010307	Development of New Metacore: from Resilient Impulsive Flows	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$363,000	24/12/2021
DP22010316	Medium temperature electrolysis for low-cost carbon dioxide utilization	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$481,000	24/12/2021
DP22010318	Fluorescent daytime radiative cooling for urban heat mitigation	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$570,000	24/12/2021
DP22010321	High-frequency Estimation of Term Structure Models at the Zero Lower Bound	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$312,355	24/12/2021
DP22010338	Revelations of the molecular machinery enabling phages to enter bacteria	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$576,000	24/12/2021
DP22010355	Data-based Control of Process Feature Dynamics through Latent Behaviours	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
DP22010356	Finding friends in early English literature	Discovery Projects	20/12/2021	Not Approved	23/12/2021	23/12/2021		
DP22010359	Managing Carbon Offsets to Improve Australian Climate Policy Effectiveness	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$237,757	24/12/2021
DP22010365	Catch me if you can: The race to rescue the smallest planets	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$273,000	24/12/2021
DP22010369	Gender-Lens Investing: Harnessing Social Innovation for Impact	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$400,374	24/12/2021
DP22010370	The Ancient Today: Using Traditions of Classical Language Education	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$323,407	24/12/2021
DP22010376	Reclaiming, Civil Rights: Activism, Public Inquiries and Social Change	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$418,154	24/12/2021
DP22010395	The Venetian Renaissance: Latin Literature in Post-Roman Africa (430-534CE)	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$302,000	24/12/2021
DP22010398	Molecular Spin Switching with Earth Abundant Metals	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$410,000	24/12/2021
DP22010408	Just and not: the benefits of neural and stimulus noise for perception	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$585,000	24/12/2021
DP22010412	New dopamine pathways underlying motivated behaviours	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$434,301	24/12/2021
DP22010438	Coach My Ride: Motorable Interfaces to support Older Australian Mobility	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP22010462	Brainstorming: Brainstorming Interfaces to support Older Australian Mobility	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$449,000	24/12/2021
DP22010461	Food System Shocks: Managing Transitions to Future Food Security	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$257,666	24/12/2021
DP22010462	Early art, culture and occupation along the northern route to Australia	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$848,116	24/12/2021
DP22010474	From trash to treasure: engineering waste carbon utilisation in yeast	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$494,550	24/12/2021
DP22010482	Re-designing Landcare policy to better coordinate across landholders	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$414,817	24/12/2021
DP22010488	Pumping up the volume on sound-light interactions	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$510,000	24/12/2021
DP22010489	Empowering terahertz sources with silicon antennas	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$495,000	24/12/2021
DP22010492	Complexity, profits for non-hyperbolic dynamics and blinders	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$403,000	24/12/2021
DP22010494	Maintenance of high plant diversity in phosphorus-imposed-fluvial ecosystems	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$563,520	24/12/2021
DP22010500	In the Driver's seat: role of trace elements in enabling crustal fluid flow	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$472,000	24/12/2021
DP22010502	Student feedback, risk and changing geographies of international education	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP22010553	On-water electrochemistry: redox catalysis at the water surface	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$300,000	24/12/2021
DP22010556	Trusted business processes	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP22010561	Mitigating the Dark Eternity hypothesis	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$404,000	24/12/2021
DP22010560	Mitigating the risks of cyberattacks on cyber-physical power systems	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$490,000	24/12/2021
DP22010563	Solar-thermal desalination system for parallel water-electricity generation	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
DP22010584	The ideologies and practices of anti-racism in Australia	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$357,000	24/12/2021
DP22010585	Judges' work, place and psychological health: a national view	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$440,000	24/12/2021
DP22010587	The politics of expertise during COVID-19	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$230,329	24/12/2021
DP22010589	Valuing Nature: Aligning Individual, Institutional and Societal Perspectives	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$423,769	24/12/2021
DP22010603	Molecular Thermal Photocatalytic Mechanism for Hydrogen Production	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$470,000	24/12/2021
DP22010606	Australia's variable rainfall - how dry wet can it really get?	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$353,000	24/12/2021
DP22010624	Planetary Health Histories: Developing Concepts	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$668,887	24/12/2021
DP22010627	Balance of power vs. Empire in International Relations: A Global Study	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$162,197	24/12/2021
DP22010643	Cosmological vacuum stability as a window on fundamental physics	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$644,249	24/12/2021
DP22010650	Blue carbon potential of the Great Southern Reef	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$517,524	24/12/2021
DP22010661	Culturally Responsive Schooling	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$387,188	24/12/2021
DP22010667	Understanding gender inequality in the post-pandemic future of work	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$421,200	24/12/2021
DP22010662	Whispering and the nation's story: Towards equity in knowledge production	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$409,000	24/12/2021
DP22010663	Charting age-related changes in the quality of episodic memory	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$558,250	24/12/2021
DP22010706	Dynamics of Suppressed Mang Ranges in Australia Rivers	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$469,000	24/12/2021
DP22010709	Mapping mineral systems of deep Australia	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$490,000	24/12/2021
DP22010713	Elucidating the determinants of coral impact across the Kingdoms of life	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$499,182	24/12/2021
DP22010736	Activist social movements: Pathways and pathways to participation	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$411,837	24/12/2021
DP22010747	Making sense of ambiguity: brain system interactions and visual uncertainty	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$554,463	24/12/2021
DP22010756	Reassembling the pandemic city: shifting geographies of creative work	Discovery Projects	20/12/2021	Approved	23/12/2021	23/12/2021	\$356,735	24/12/2021
DP22010764	Unravelling the mechanics of particle deposition at the micro-scale	Discovery Projects	20/12/2021					

DP220101196	Topological stability from spectral analysis	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$332,000	24/12/2021
DP220101198	Add mountains and shake: plate boundary fault and earthquake patterns	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$436,000	24/12/2021
DP220101209	Data analytics-based tools and methods to enhance self-regulated learning	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$389,011	24/12/2021
DP220101211	Accessible Data Exploration and Analysis for Blind People	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$650,000	24/12/2021
DP220101223	Explainable Artificial Creativity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$399,171	24/12/2021
DP220101234	Scalable & Accountable Privacy-Preserving Blockchain with Enhanced Security	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$330,000	24/12/2021
DP220101252	Quantum-electronic coupling: towards an ultra-sensitive sensing technology	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$685,000	24/12/2021
DP220101254	Is SPRIN1 a key regulator of placental development?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$536,000	24/12/2021
DP220101255	Responsible Urban Innovation with Local Government Artificial Intelligence	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$499,630	24/12/2021
DP220101256	Croale Voices in the Caribbean and Australia: Poetics and Decolonisation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$175,000	24/12/2021
DP220101258	Iterative Ecologies of Warrumbungle Daisies	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$67,000	24/12/2021
DP220101263	Shallow water carbonate sediment dissolution in the global carbon cycle	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$437,000	24/12/2021
DP220101269	Mapping sites of visceral congestion connecting the colon and bladder	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$456,449	24/12/2021
DP220101281	Interventions: tracing democratic practices in contemporary rural Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$300,000	24/12/2021
DP220101290	Ambient Electrochemical N2 Coupling via Co-electrolytes of N2 and CO2	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$470,000	24/12/2021
DP220101308	Neural circuitry of maternal behaviour	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$410,399	24/12/2021
DP220101318	Physical Layer Security for Wireless Machine-Type Communications	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$473,000	24/12/2021
DP220101338	Historical frontier violence: drivers, legacy and the role of truth-telling	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$488,142	24/12/2021
DP220101339	How hormones help to overcome fear: from rats to humans	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$440,822	24/12/2021
DP220101342	Epigenetic effects of environmental thyroid disruption	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$443,043	24/12/2021
DP220101352	How novel ribosomal RNA gene repeat variants drive cellular function	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$637,865	24/12/2021
DP220101360	Privacy Preservation over 5G and IoT Smart Devices	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$347,183	24/12/2021
DP220101361	Using RNA interference to combat the worst emerging disease of wildlife	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$453,282	24/12/2021
DP220101372	Engineering screw piles to secure offshore wind energy turbines	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$512,650	24/12/2021
DP220101388	RNA-binding proteins rewire transcriptions in immune cell differentiation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$474,000	24/12/2021
DP220101381	Light-driven bioplasticity at cell factories	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$470,271	24/12/2021
DP220101385	A Space Odyssey: Exploring the Universe with Gravitational-Wave Sirens	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$400,000	24/12/2021
DP220101405	Data breaches: A study of organisational disclosures	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$279,214	24/12/2021
DP220101408	An active ion transport pathway exploited by coronaviruses	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$549,740	24/12/2021
DP220101412	Extinction and response inhibition	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$445,378	24/12/2021
DP220101417	Label-free imaging: super-resolution microscopy	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101420	SenShallat: A Trusted Internet of Things Marketplace for Sensor Sharing	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220101427	Engineered interlayers of bio-relevant and nano-reinforcement on polymers	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$332,338	24/12/2021
DP220101428	The Dragon of Gies in the Dragon	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$1,287,000	24/12/2021
DP220101431	Catching the fast waves: high speed RF sensing using Brillouin scattering	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
DP220101434	Advancing Analytical Query Processing with Urban Territory Data	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$364,295	24/12/2021
DP220101435	Using ancient evolution to win the war against invasive species	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$263,890	24/12/2021
DP220101436	Uncovering the transgenerational dimension of ageing	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$437,000	24/12/2021
DP220101454	Space, time and boundary conditions: Mathematics for evolving plaques	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$421,000	24/12/2021
DP220101460	The impact of immigrant theatre artists on Australian culture 1918-1949	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$165,000	24/12/2021
DP220101462	Uncovering Antarctica's Secret Chemical Volcanoes for Expedited Remediation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$124,400	24/12/2021
DP220101468	The impact of India-Asia tectonics on climate	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$423,961	24/12/2021
DP220101478	Magnetohydrodynamic Aestranaking for Spacecraft Entry to Earth's Atmosphere	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101480	Non-spatial preservation electron processes at the gas-liquid interface	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$460,000	24/12/2021
DP220101489	Transcription factors find their targets by reading the epigenetic code	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$630,579	24/12/2021
DP220101495	Remote sensing of biotic stress with hyperspectral-fluorescence imaging	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$505,000	24/12/2021
DP220101501	A new class of titanium alloys developed for additive manufacturing	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101503	Authoritarian populism and livelihood change in the Philippines	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$303,185	24/12/2021
DP220101506	Impacts of changing water ownership and reforms on Australian water markets	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$234,878	24/12/2021
DP220101511	Electrocatalytic Generation of Ammonia from Air and Water	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$492,000	24/12/2021
DP220101512	Incorporating the gains from healthy ageing in health system planning	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$413,801	24/12/2021
DP220101516	Embedding Enterprise Systems in IoT Fog Networks through Microservices	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
DP220101522	Warrior: Cultural Innovation in the Indigenous Settlement of Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$910,000	24/12/2021
DP220101528	Level Justice: to combat antibiotic resistance	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$179,000	24/12/2021
DP220101528	Synthetic leukocytes: bio-inspired DNA nanorobots powered by flow	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$878,178	24/12/2021
DP220101532	Energy resolving photodetector through extracting hot carrier photocurrent	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$410,000	24/12/2021
DP220101537	Locating Galaxies: From Philadelphia Shells to Galactic Practice	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$258,000	24/12/2021
DP220101542	An Empirical Study of Agenda Setting in the High Court of Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$105,855	24/12/2021
DP220101544	Defining and engineering the rhizosphere for Australian rainfall patterns	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$389,258	24/12/2021
DP220101558	Magnetic fields and atomic gas flows in the Milky Way and Magellanic Clouds	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$460,000	24/12/2021
DP220101566	The psychology of grit: Conscience, coalitions, and radicalisation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$407,100	24/12/2021
DP220101582	Reconciling Engagement with International Law in a Populist Era	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$619,700	24/12/2021
DP220101592	Exploration, Generalisation and the Development of Learning Traps	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$394,444	24/12/2021
DP220101595	Parameterising an Interactive Virtual Reality System for Parametric Design	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$555,000	24/12/2021
DP220101596	The shock of the old: Rediscovering the sounds of bel canto 1700-1900	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$554,000	24/12/2021
DP220101598	Assessing Architectural Aesthetic Character: An Intelligent Approach	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$500,000	24/12/2021
DP220101602	Homeworking: labourers building the revolution	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$512,800	24/12/2021
DP220101609	Uncovering the laws of gravity using the largest map of the cosmos	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101610	Precision cosmos: expansion in the era of gravitational-wave astronomy	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220101620	The critical role of rhizosphere biophysics in plant water availability	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$494,307	24/12/2021
DP220101621	Investigating voluntary and involuntary intergroup contact	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$532,750	24/12/2021
DP220101629	About time: Climate change adaptation in Australian industries	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$364,000	24/12/2021
LP21010001	Indigenous-led Sea Country Management: Protecting Australia's Marine Estate	Linkage Projects	02/12/2021	Approved	22/12/2021	22/12/2021	\$532,815	22/12/2021
DP220101631	Economic analysis for self-reliance structures	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$494,400	24/12/2021
DP220101632	China's Belt and Road Initiative: A New Model of Economic Governance	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$283,250	24/12/2021
DP220101633	Economic, political and cultural linkers in remote Papua New Guinea	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$270,000	24/12/2021
DP220101634	Low-cost Sensing Methods and Hybrid Learning Models	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220101642	The Political and Economic Agency of Africans in Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,304	24/12/2021
DP220101644	Tuning mesenchymal stem cell lifespan, performance, and differentiation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$570,000	24/12/2021
DP220101645	Regulation of activity-induced glutamate receptor trafficking in neurons	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$429,344	24/12/2021
DP220101649	Evolutionary computation for expensive bilevel multiobjective problems	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101652	Smart site investigation for offshore energy installations in sand	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$370,000	24/12/2021
DP220101658	Using the test glacial cycle to understand carbon-climate feedbacks	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$52,674	24/12/2021
DP220101660	The fast dynamics of interaction	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$87,700	24/12/2021
DP220101675	The role of community sponsorship for refugee resettlement in Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$330,000	24/12/2021
DP220101680	Random fields: non-Gaussian stochastic models and approximation schemes	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$422,880	24/12/2021
DP220101681	The molecular basis of tropin in an insectal pore-forming toxin	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$146,000	24/12/2021
DP220101682	Locating LGBTQ+ youth in the archive: Telling new stories for belonging	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$423,703	24/12/2021
DP220101685	Cultural Production of Religion by Science Fiction and Fantasy novels	Discovery Projects	02/12/2021	Not Approved	23/12/2021	23/12/2021		24/12/2021
DP220101688	High-resolution multiscale modelling of pandemics: COVID-19 and beyond	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$412,000	24/12/2021
DP220101689	Characterisation of the dark metabolism of eukaryotic cells	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$789,650	24/12/2021
DP220101716	How does an essential histone variant effect changes in gene expression?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,000	24/12/2021
DP220101721	Scale invariance: A new paradigm for particle physics and cosmology	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$360,000	24/12/2021
DP220101722	Being a Traditional Muslim in Australia in an Era of Hyper-Security	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$1,100,000	24/12/2021
DP220101727	New Tests of Fundamental Physics & Astrophysics with Astrophysical Neutrons	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$432,195	24/12/2021
DP220101731	Cleaning of tough paints on advanced composites using laser technologies	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$660,000	24/12/2021
LP21010002	Wearable bioelectronic textiles for portable microelectronics	Linkage Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$2,484,411	22/12/2021
DP220101771	Simulating and verifying quantum circuits	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,082	24/12/2021
DP220101774	Metal-organic Framework (MOF) Supersurface Catalysts	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$476,000	24/12/2021
DP220101781	Developing Encryption Services Ecosystems for northern Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$178,465	24/12/2021
DP220101784	Making Meta-learning Generalised	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220101787	Measuring the Commercial Real Estate Sector in Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$277,208	24/12/2

DP202102223	Will rivers be smaller when the climate is hotter?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$443,000	24/12/2021
DP202102231	Living down to expectations: genetic medicines and the nooboo effect	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$366,560	24/12/2021
DP202102232	New statistical methods for data with non-Euclidean geometric structure	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$380,000	24/12/2021
DP202102236	Designing self-assembly of innovative shell-like biomaterials	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$680,000	24/12/2021
DP202102243	Advanced Bayesian Inversion Algorithms for Wave Propagation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP202102246	Plasma-catalytic bubbles for sustainable ammonia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$462,539	24/12/2021
DP202102249	High Predictive Performance Models via Deep/Parametric Survival Regression	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
DP202102251	Cultural knowledge in China's Belt and Road Initiative	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$150,776	24/12/2021
DP202102254	Seeing Dark with Light: Revealing the Milky Way with Stellar Streams	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$700,000	24/12/2021
DP202102269	Safe Reported Data Use and Model Release for Exploratory Data Science	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP202102271	Molecular switches and genetic consequences of gain retention in cereals	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$17,200	24/12/2021
DP202102278	Why do neutrophils swarm?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$860,107	24/12/2021
DP202102288	A novel axis of cooperation between innate and adaptive immunity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$597,830	24/12/2021
DP202102303	Levitated Quantum Optomechanics with Trapped, Rotating Microparticles	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$470,000	24/12/2021
DP202102305	Unravelling the cosmic web with Fast Radio Bursts	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$900,000	24/12/2021
DP202102307	The future of the Pacific: youth leadership and civic engagement	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$500,000	24/12/2021
DP202102317	Brain circuits for parsing event	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$340,033	24/12/2021
DP202102323	Why are warning colours in animals so rare?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$403,431	24/12/2021
DP202102330	Nuclear alarmins escalate tissue immune responses	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$705,088	24/12/2021
DP202102334	Super-resolving neurotransmitter release machinery during priming	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$573,886	24/12/2021
DP202102338	The effect of methylation and phosphorylation on ribosome function	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$627,570	24/12/2021
DP202102349	Information support tools for the trauma patient pathway	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP202102362	Predicting advection and range expansion under climate change	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$486,315	24/12/2021
DP202102377	Network activity and the role of NMDA receptors in associative learning	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$776,980	24/12/2021
DP202102378	Slavery, Sugar, Race: Australia's South Sea Islander Labourers	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$332,145	24/12/2021
DP202102382	Reframing walking infrastructure: AI-assisted footpath network modelling	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
LP210100059	Reducing glyphosate exposure from high use practices	Linkage Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$202,000	22/12/2021
DP202102392	Conservation of heat resisting alloys in steam/hydrogen-rich environment	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP202102398	Learning Robotic Navigation and Interaction from Object-based Semantic Maps	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$515,000	24/12/2021
DP202102401	An investigation into T cell immunity towards metabolites	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$726,000	24/12/2021
DP202102402	An investigation into COVID-19, a versatile antigen-presenting molecule	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$574,386	24/12/2021
DP202102412	Miniformation: Evidence evolution in an alternate fact reality	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$410,027	24/12/2021
DP202102436	Solar powered water splitting/low cell system for hydrogen and electricity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,000	24/12/2021
DP202102437	Making New Recipes: The Australian Book Society and the Cold War	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$115,000	24/12/2021
DP202102446	Universal properties and application of species size distributions	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$456,000	24/12/2021
DP202102466	Atmospheric Photochemical Oxidation as a New Reaction in the Atmosphere	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$508,322	24/12/2021
DP202102473	New Political Party: Student Climate Action and Democratic Renewal	Discovery Projects	02/12/2021	Not Approved	23/12/2021	23/12/2021	\$41,000	24/12/2021
DP202102493	Opening Up Access to L-Sugars through a Synergy of Experiment and Theory	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$366,000	24/12/2021
DP202102497	Elucidating the molecular basis of plant potyvirus resistance	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$544,230	24/12/2021
DP202102500	Mapping and defining inter-organ cross talk during exercise	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$594,032	24/12/2021
DP202102511	How do protein quality control mechanisms maintain neuronal ageing?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$524,000	24/12/2021
DP202102516	Paradigm Shift in Mid-IR Fibre Laser	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$355,000	24/12/2021
DP202102518	Optical engineering of diamond for quantum sensing technologies	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$400,000	24/12/2021
DP202102520	Battery-free, Automated, Scalable Detection of Mobile App Malpractices	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$105,000	24/12/2021
DP202102523	Investigating Hippo-regulated transcription at single molecule resolution	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$504,000	24/12/2021
DP202102525	Is there a climatic tipping point for Antarctic Bottom Water formation?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$672,000	24/12/2021
DP202102526	Russian Imperialism and Anti-Communism in Civil War Australia, 1946-1966	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$411,520	24/12/2021
DP202102530	Use superalgebra representations: a geometric approach	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$313,000	24/12/2021
DP202102533	Voter behaviour and polarisation: The role of social preferences	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$221,910	24/12/2021
DP202102547	Leaf and wood phytochemistry and biomass allocation as drivers of plant growth	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$584,895	24/12/2021
DP202102548	A new platform technology for gene therapy	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$671,815	24/12/2021
DP202102549	Inequality, Trade, and Technology	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$527,700	24/12/2021
DP202102562	Exploiting microbial metabolites to understand fungal biology	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$549,062	24/12/2021
DP202102567	Hunger flexibly modifies hypothalamic neural circuitry responding to threat	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$750,000	24/12/2021
DP202102579	Supporting Entry and Growth of Australian Businesses via Tax and Transfers	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$155,001	24/12/2021
DP202102588	Transjugations: linking geometry and topology with combinatorics	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$429,000	24/12/2021
DP202102593	Criminal justice outcomes of injecting drug use and methamphetamine smoking	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$565,000	24/12/2021
DP202102596	Safe and Reliable Solid-State Zinc Batteries	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$700,000	24/12/2021
DP202102598	A human-centric explainable Automated Vehicle	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$525,000	24/12/2021
DP202102608	The social psychology of minority experiences of inter-racial contact	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$195,254	24/12/2021
DP202102618	Chemical probes to dissect the cell cycle of globally important parasites	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$415,000	24/12/2021
DP202102622	Advanced chemical recycling of mixed plastics for monomer recovery	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$430,000	24/12/2021
DP202102630	Investigating Conversational AI: Development, Usage and Governance	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$453,799	24/12/2021
DP202102633	Robust mechanisms for risk-aware recommender systems	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$454,000	24/12/2021
DP202102637	Crisis as Opportunity: Societal Change in Early Middle Kingdom Egypt	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$408,881	24/12/2021
DP202102666	Modelling dynamics in spatial ecology	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$469,107	24/12/2021
DP202102766	How do drivers of niche dynamics in invasive weeds	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$291,000	24/12/2021
DP202102729	Boosting photosynthetic efficiency using a plant nanobionics approach	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
DP202102732	Reducing Cyberbullying: Turning Bystanders into Constructive Defenders	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$406,241	24/12/2021
DP202102736	Unravelled Coding for Beyond 5G	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
DP202102744	Talking Maths: Bridging the gap through talk in Early Years mathematics	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$67,000	24/12/2021
DP202102748	Transforming titanium component fabrication with free machining additives	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP202102749	China's Law-Based Governance Revolution under Xi Jinping	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$228,000	24/12/2021
DP202102751	Dispersion of spacecraft components during re-entry	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$51,000	24/12/2021
DP202102755	Quantum optical methods for entangled devices	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$531,000	24/12/2021
DP202102756	An Intellectual History of Modern Australian Planning 1900-2000	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$425,000	24/12/2021
DP202102758	Structural safety and reliability of unreinforced masonry shear walls	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$111,000	24/12/2021
DP202102759	Optimization of piezoelectric metamaterials: Towards robotic stress sensors	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$375,000	24/12/2021
DP202102760	Portfolio projection of biodiversity responses under climate change	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP202102767	Advanced Combustion Modelling for Scramjets and Rotating Detonation Engines	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$500,000	24/12/2021
DP202102772	Evolutionary dynamics in deep time: faunal turnover during the Ediacaran	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$488,000	24/12/2021
DP202102784	MemberGuard: Protecting Machine Learning Privacy from Membership Inference	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP202102785	Finding the missing links in salt and water transport in plants	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$499,236	24/12/2021
DP202102790	Resonant bilayer composites with giant electrochemical properties	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP202102803	Privacy-Preserving Location Based Queries	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,000	24/12/2021
DP202102812	Oxidation photoreceptor sensitivity and impacts of modern lighting on sleep	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$430,886	24/12/2021
DP202102815	A new Journey to the Earth's Inner Core: a Plane Wave Solution and a Planet	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$430,000	24/12/2021
DP202102820	Glycan-based probiotic approaches to increase food safety in Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$523,000	24/12/2021
DP202102827	Functional identification of vaccine targets in pathogenic mycoplasmas	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$616,000	24/12/2021
DP202102832	Structural analysis of plant immune receptor signalling	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$202,253	24/12/2021
DP202102836	Overcoming limits of miniaturisation to enhance spatial memory capacities	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$739,586	24/12/2021
DP202102840	How is the plant genome reactivated and controlled during seed germination?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$415,000	24/12/2021
DP202102851	Taloring metal-organic framework catalysts for carbon dioxide conversion	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
DP202102856	The Holocaust as an Australian Story, 1933-1961: An Intricate History	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$138,716	24/12/2021
DP202102867	Biospired photo-inert membranes for smart neuron-mimicking systems	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP202102861	New frontiers in the theory of noncommutative surfaces	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$426,000	24/12/2021
DP202102862	The Role of Energy Absorbing Rubber Grid on Ballast Track Performance	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$440,000	24/12/2021
DP202102863	The drowned cultural and political geographies	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$85,000	24/12/2021
DP202102867	Epigenetic regulation of immune memory	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$609,847	24/12/2021
DP202102872	Non-invasive platforms for monitoring 3D human biological models	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$603,800	24/12/2021
DP202102873	A balancing act: Resolving coastal wetland water, carbon and sulfate fluxes	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$335,000	24/12/2021
DP202102876	An anti-sensence nanoparticle and its underlying mechanism	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$505,000	24/12/2021

DP220103350	The costs and consequences of resistance to stress in microbial systems	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$302,027	24/12/2021
DP220103352	General systems modelling of hydrogen production network in Australia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP220103362	Coupled effects of stress and temperature changes on concrete structures	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$224,000	24/12/2021
DP220103371	Metabolic responses of phosphorus-limited forests to CO2 enrichment	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$368,881	24/12/2021
DP220103381	A novel quantitative risk assessment framework for fractured rock slopes	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$453,000	24/12/2021
DP220103384	Galactic seismology: a new window on Milky Way's evolution	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$400,000	24/12/2021
DP220103391	Neuronal Control of Adaptive Walking	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$469,145	24/12/2021
DP220103393	Biologically inert probes to unravel nutrient directed cellular processing	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$562,811	24/12/2021
DP220103407	Ultrahigh strength nanoring titanium alloys for additive manufacturing	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220103416	Developing novel two-dimensional hybrid nanomaterials for renewable energy	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$380,000	24/12/2021
LP21010118	Unlocking the genetic and biochemical potential of kangaroo paws	Linkage Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$469,654	22/12/2021
LE220100007	Manipulative tests of metabolic time	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	22/12/2021
LE220100007	Australian Participation in the Legacy Survey of Space and Time	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	23/12/2021	22/12/2021	\$1,275,295	22/12/2021
DP220103430	The rare biosphere: discovering how soil bacteria live on air	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$490,649	24/12/2021
LE220100009	Enhanced high-field nuclear magnetic resonance spectroscopy	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$170,000	22/12/2021
LE220100010	Modularised cultural heritage archives - future-proofing PARADISEC	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$600,000	22/12/2021
DP220103439	A Novel Approach To Flow Control By Topography	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$405,000	24/12/2021
DP220103440	Understanding the survival of forests under drought	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$431,137	24/12/2021
DP220103444	The control their signaling by membrane remodeling	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$484,000	24/12/2021
DP220103458	Novel hydrogen-rich liquids for storing and transporting hydrogen at scale	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$460,000	24/12/2021
DP220103462	Impacts of diet on the brain, body, and microbiome	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$387,000	24/12/2021
LE220100022	Solar Photovoltaics forecasting for efficient power management	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$475,000	22/12/2021
DP220103468	Understanding chaperone function, one molecule at a time	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$537,000	24/12/2021
DP220103467	Synthesis of enantiopure silicon for long-lived donor quantum states	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$513,386	24/12/2021
DP220103484	Behavioural responses to climatic variability	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$358,886	24/12/2021
DP220103487	The immune response as a determinant of female reproductive investment	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$609,916	24/12/2021
LP21010122	Alcohol and tobacco use among lesbian, bisexual and queer identifying women	Linkage Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$353,517	22/12/2021
DP220103498	A systems materials engineering strategy for hybrid ion capacitors	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$655,000	24/12/2021
LE220100025	DynaMx-FM, dynamic mixed reality environment for future mobility	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$548,940	22/12/2021
DP220103512	Tackling the computational bottleneck in precision particle physics	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$386,000	24/12/2021
LP21010129	Knowledge discovery and recommendation of multimedia data in healthcare	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$376,770	22/12/2021
DP220103526	Lightly Loaded Energy Farm Foundations in Cracked Dedicated Soil	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$250,000	24/12/2021
LE220100028	A national infrastructure for high-resolution population spatial modelling	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$315,024	22/12/2021
DP220103530	Using sensors to map critical and evolutionary conserved vulnerabilities	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$528,000	24/12/2021
DP220103531	How do cells survive nutrient stress? Insight into mechanisms.	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,564	24/12/2021
LE220100030	National Facility for Physical Fire Simulation	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$1,213,351	22/12/2021
DP220103540	Playing Conditions: How Climate Shaped the Elizabethan Theatre	Discovery Projects	02/12/2021	Not Approved	23/12/2021	23/12/2021		24/12/2021
LE220100031	A cyclic ion-mobility mass spectrometer for resolving molecular isomers	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$630,880	22/12/2021
DP220103543	Nanoreengineering of Biomaterial Surfaces to Tailor Innate Immune Responses	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$509,846	24/12/2021
DP220103545	Understanding the diverse biology of CD4+ T cell resident memory	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$770,000	24/12/2021
DP220103548	Adaptation by DNA download: Experimental evolution of a persisterome	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$365,321	24/12/2021
DP220103549	Making peptides orally bioavailable	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$438,907	24/12/2021
DP220103550	Unravelling the mechanisms of sodium-selectivity in biological ion channels	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$364,813	24/12/2021
DP220103553	A new model for animal growth	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$693,354	24/12/2021
LE220100034	A platform for upscaling demonstration of emerging photovoltaic materials	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$817,476	22/12/2021
LE220100035	Australian 3D Beam Measurement Platform from Radio Waves to Terahertz Waves	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$520,000	22/12/2021
DP220103555	Regulatory roles of the RNA helicase DDX5 in male germline stem cells	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$567,198	24/12/2021
LE220100037	MWIS: A Revolutionary New Instrument for the European Southern Observatory	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$1,749,940	22/12/2021
DP220103559	Dynamics of mitochondrial cristae in life and death	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$540,000	24/12/2021
LE220100040	The Australian Rental Monitor: A Data Infrastructure	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$580,000	22/12/2021
DP220103573	Analysis and design of midsize built-up cold-formed steel structures	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$390,000	24/12/2021
DP220103584	Charge and energy transport in disordered functional materials	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$381,000	24/12/2021
DP220103596	Orthogonal Time Frequency Space Modulation for Future Mobile Communications	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$490,000	24/12/2021
DP220103611	Lightly Loaded Energy Farm Foundations in Cracked Dedicated Soil	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$250,000	24/12/2021
DP220103624	Quantum Nanomaterial Positioning for Breakthrough Quantum Photonics	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$460,000	24/12/2021
DP220103632	Combating Antimicrobial Resistance with Bismuth, Gallium and Indium	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$635,000	24/12/2021
DP220103633	Journal in Every Profession of Academic Integrity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$216,000	24/12/2021
DP220103637	Safe, Plug and Play, Multi-Agent Dynamic Systems	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$415,000	24/12/2021
DP220103638	Systems-level characterization of scaffold protein signalling networks	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$602,000	24/12/2021
LE220100050	Enhancing the SA Regional Facility for Molecular Ecology & Evolution	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$361,354	22/12/2021
DP220103640	Regulators of protein translation reveal new pathways to plant productivity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$441,000	24/12/2021
DP220103650	Existing knowledge determines how new experiences are encoded in the brain.	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$458,884	24/12/2021
DP220103654	Functional Materials to Hack on Lipid Transport Pathways	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$436,908	24/12/2021
DP220103665	Multifunctional Structural Panels for Next-generation Infrastructure	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$308,000	24/12/2021
DP220103667	Engineering self-assembled intracellular biological condensates	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$650,573	24/12/2021
DP220103668	A Concurrent Multiscale Model for Improved Prediction of Drying Process	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$430,000	24/12/2021
DP220103669	Advanced Proton-Conducting Ceramic FCs for Power Generation from Ammonia	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$370,000	24/12/2021
DP220103679	Nanohybrid: plasmon-enhanced photophysics phase microscopy	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$274,673	24/12/2021
DP220103680	Anomalous Structural Response in Porous Framework Materials	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$410,000	24/12/2021
LE220100057	The Australian Emission Network: Born Digital Cultural Collections Access	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$751,723	22/12/2021
DP220103700	Metabolic regulation of mitochondrial fusion	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$554,000	24/12/2021
LE220100060	Australian Petiole Display Facility	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$772,676	22/12/2021
DP220103708	How do females overcome fear? New insights from the maternal brain	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$418,416	24/12/2021
DP220103711	Is climate change altering the carrying capacity of the world's forests?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$642,000	24/12/2021
DP220103714	Enhanced Synthetic Efficiency For Molecular Complexity and Diversity	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$448,000	24/12/2021
LP21010149	Life After Digitisation: Future-Proofing WA's Vulnerable Cultural Heritage	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$1,099,066	22/12/2021
DP220103715	Unravelling the rules on particle assembly into superstructures	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$381,000	24/12/2021
DP220103717	Contextual Behaviour Predictions in Dynamic Mobile E-commerce	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$465,000	24/12/2021
DP220103721	Directionally-Biased Cohesive Subgraph Search over Directed Graphs	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$478,300	24/12/2021
LE220100058	An Integrated analytical network for protein characterisation	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$727,596	22/12/2021
LP21010155	GM Handed and the Mobilisation of Private Industry during World War II	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$403,236	22/12/2021
DP220103759	Change agents and sustainability transformations in the water sector	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$309,069	24/12/2021
DP220103767	Mapping the physics of planet formation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$300,000	24/12/2021
DP220103782	Life among giants: Jovian exoplanets and the habitable zone	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$420,000	24/12/2021
DP220103783	Metal Halide Peroxide Spin-Orbit Torque Devices	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$423,000	24/12/2021
LE220100073	A geotechnical centrifuge to unravel Australia's energy and construction	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$932,000	22/12/2021
DP220103800	Imaging Symmetry - A New Mechanism for Revealing the Structure of Matter	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$510,000	24/12/2021
DP220103803	Geometric reasoning in computer vision using only 2D supervision	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$435,000	24/12/2021
DP220103810	The role of photoperiods in endosomal maturation dynamics	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$580,000	24/12/2021
DP220103811	Inequality, Prosperity and the Australian Welfare State	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$488,673	24/12/2021
DP220103812	The physics and biology of healing in a walled fish	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$496,436	24/12/2021
DP220103815	AI Planning: The Next Generation	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
DP220103823	Understanding the impact of heat stress on cognition in a changing world	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$367,000	24/12/2021
DP220103829	Family Separation, Emotions, and Jewish Child Refugees, 1933-1945	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$197,312	24/12/2021
LE220100075	Space Resources Environmental Analogue Facility	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$2,098,355	22/12/2021
DP220103833	Passive biofiltration processes for nitrogen removal from polluted waters	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$450,000	24/12/2021
DP220103846	Investing in ecological portfolios: relating migratory strategies of fish	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$418,000	24/12/2021
LE220100078	A Secure Smart Sensing and Analytics Facility for Industry 4.0	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$538,350	22/12/2021
DP220103857	Pipeline backfill: reimagined to provide in-line corrosion protection	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$353,400	24/12/2021
DP220103873	Elliptical needles: the shape of silence?	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$427,680	24/12/2021
DP220103881	Customer Centred Peer-to-Peer Energy Trading Framework for Future Grids	Discovery Projects	02/12/2021	Approved	23/12/2021	23/12/2021	\$480,000	24/12/2021
LP21010166	Reducing violence and suicidal behaviour in young people in WA	Linkage Projects	02/12/2021					

LE220100153	Equipment for research on future gravitational wave detectors	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$385,000	22/12/2021
LP210100371	Damage Detection and Quantification using Infrastructure Digital Twins	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$250,831	22/12/2021
LP210100272	Promoting active travel and public transport for a post-pandemic world	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$282,298	22/12/2021
LE220100157	Investigating biological processes in tissues by spatial profiling	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$535,000	22/12/2021
LE220100165	An in-situ and multiscale scanning electron microscopy suite	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$2,020,000	22/12/2021
LP210100290	Real-time scheduling of trains to control peak electricity demand	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$285,638	22/12/2021
LE220100168	BioSHeM: A High-Resolution Imaging and Spectroscopic Helium Atom Microscope	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$420,347	22/12/2021
LP210100300	Are kangaroos jeopardizing conservation outcomes?	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$434,116	22/12/2021
LE220100177	Microanalytical Facility Supporting Resources Development and Manufacturing	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$1,650,000	22/12/2021
LP210100304	Deadly Futures:Enabling Indigenous Children's Literacy, Numeracy, Wellbeing	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$777,000	22/12/2021
LE220100179	SA Spectromicroscopy Facility: From Band Mapping to Atomic Scale Imaging	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$405,049	22/12/2021
LE220100182	Metallurgical Facility for Solid-State Additive Manufacturing	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$851,607	22/12/2021
LE220100185	A flow cytometry suite for multiscale bioimaging	Linkage Infrastructure, Equipment and Facilities	02/12/2021	Approved	20/12/2021	22/12/2021	\$675,000	22/12/2021
LP210100337	Robust and Scalable Autonomous Landing for Drones	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$459,593	22/12/2021
LP210100343	Automated Sensors for a wetland in a box	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$478,589	22/12/2021
LP210100360	A Novel Inline High-Efficiency Motor/Pump System	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$151,404	22/12/2021
LP210100378	Wideband Silicon-Based Radio-Frequency Front-End Module for 5G New Radio	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$397,952	22/12/2021
LP210100379	The economic and social contribution of the Western Australian CME sector	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$395,790	22/12/2021
LP210100386	Optimising artificial reef structures for nature-based coastal protection	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$433,540	22/12/2021
LP210100387	Socio-cultural Factors and the Use of Therapeutic Opioids in Indonesia	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$199,067	22/12/2021
LP210100397	Efficiently unlocking full-scale WEC dynamics for industry cost reduction	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$280,000	22/12/2021
LP210100414	Transfer Learning for Genome Analysis and Personalised Recommendation	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$688,782	22/12/2021
LP210100415	Beyond the limits of corrosion detection in inaccessible areas	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$372,354	22/12/2021
LP210100426	Fabrication of silicon solar cells in a Lumen-like vacuum environment	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$417,229	22/12/2021
LP210100430	Sustaining intensive agriculture through droughts and floods	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$897,337	22/12/2021
LP210100435	Advanced Molecular Frameworks for Sodium Battery Electrode Applications	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$597,373	22/12/2021
LP210100436	Nanoscale heating towards high efficient nitrogen reduction reduction	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$520,000	22/12/2021
LP210100437	In-situ biofunctionalisation for additive manufacturing	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$431,567	22/12/2021
LP210100447	Advanced metallisation for III-V Photovoltaic Solar Power Systems	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$460,485	22/12/2021
LP210100450	Designing successful genetic-rescue approaches for threatened species	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$770,622	22/12/2021
LP210100451	Engineering safer pastures for livestock	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$967,679	22/12/2021
LP210100458	Unleashing the Hidden Chemical Diversity in Australian Fungi	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$790,268	22/12/2021
LP210100467	High yield adaptive laser nanomanufacturing system for photonic devices	Linkage Projects	02/12/2021	Approved	20/12/2021	22/12/2021	\$470,000	22/12/2021

- (a) Application number  
(b) Title of application  
(c) Scheme  
(d) Date received by Minister  
(e) Whether grant was approved or not approved by Minister  
(f) Date of Minister's decision  
(g) Date applicant was informed of the grant outcome  
(h) Amount of funding granted (if any)  
(i) Whether the grant was publicly announced and, if so, the date of the announcement