

(a) Application Number	(b) Title of Application	(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 announcement and date
DE250100003	The Origin of Magnetic Fields in Galaxies	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,618	26/08/2024
DE250100004	How environmental change drives the origin and decline of biodiversity	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,675	26/08/2024
DE250100006	Solving a mercurial mystery: the evolutionary origin of mercury methylation	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$485,703	26/08/2024
DE250100012	Development of a surface reconstruction model for re-entry objects	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,731	26/08/2024
DE250100013	Sustainably feeding the world: the potential of climate-adaptive fisheries	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$458,693	26/08/2024
DE250100024	Hydrogen Hub Futures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,475	26/08/2024
DE250100030	Generative Models for Generalised Skeleton-based Human Action Recognition	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,962	26/08/2024
DE250100032	Knowledge Enriched Approach for Effective Personalization	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$447,000	26/08/2024
DE250100045	Addressing teacher workload in Australian education systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,827	26/08/2024
DE250100051	"Screening" digital active learning for young children.	Discovery Early Career	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,974	26/08/2024

		Researcher Award						
DE250100054	Bridging the decoding-vocabulary gap during children's reading	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$453,981	26/08/2024
DE250100071	Quantifying Australia's long-term risk of rainfall extremes	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$438,335	26/08/2024
DE250100078	Understanding how refugees use digital technologies during resettlement	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$444,929	26/08/2024
DE250100085	Enhancing residual trapping of CO2 during geological sequestration	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,261	26/08/2024
DE250100098	Southern Ocean Heat Fluxes: Melting Ice and Global Oceanic Circulations	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$460,183	26/08/2024
DE250100105	Prefab rehab: offsite construction for liveable and affordable apartments	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$462,672	26/08/2024
DE250100115	Investigating journalist influencers and their young adult audiences	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$470,140	26/08/2024
DE250100116	Contesting Conquests: Pre-Modern Attempts to Come to Terms with the Past	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$476,281	26/08/2024
DE250100122	Enabling Australian aluminium recycling with rapid solidification	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$462,849	26/08/2024
DE250100125	Emerging blue carbon pathways as natural climate solutions	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$478,621	26/08/2024
DE250100132	Quantum Dot Hybrids for Methanol Photoreforming	Discovery Early Career	16/08/2024	Approved	22/08/2024	24/08/2024	\$464,071	26/08/2024

		Researcher Award						
DE250100145	Advancing meta-thermoelectrics through dual-channel phonon engineering	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$454,791	26/08/2024
DE250100146	Unravelling the stellar interiors of the chemical factories of the Universe	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$472,391	26/08/2024
DE250100147	Assessing impacts of ocean warming on carbon export in the Southern Ocean	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$470,255	26/08/2024
DE250100149	Roads and Road Transport in India: An Environmental and Economic History	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,039	26/08/2024
DE250100153	Optimising camera and on-road police enforcement to prevent speeding	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$420,563	26/08/2024
DE250100168	Housing and neighbourhood determinants of inadequate sleep	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,345	26/08/2024
DE250100185	Navigating Inequality: Pathways for Conductors and Directors in Opera	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$439,293	26/08/2024
DE250100190	Quasi-active vibration control of seat suspension to improve ride comfort	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$413,351	26/08/2024
DE250100192	Explainable Fuzz Testing for Software Vulnerability Detection	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$454,096	26/08/2024
DE250100194	Island of Democracy: Transnational Currents & the Democratisation of Taiwan	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$468,069	26/08/2024

DE250100199	Complex Networks and Systems Theory for the Public Information Environment	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$454,285	26/08/2024
DE250100211	Blockchain-Enhanced Federated Learning for Secure Edge Computing	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$478,331	26/08/2024
DE250100223	High-Voltage Proton Batteries Operating at Ultralow Temperature	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$417,691	26/08/2024
DE250100226	Neural Empowered Subgraph Query Processing	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$449,554	26/08/2024
DE250100232	Boosting Spin-Sensitive Redox by Tuning Chirality	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,429	26/08/2024
DE250100236	Next-generation floating hybrid offshore wind-wave energy conversion system	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$421,391	26/08/2024
DE250100255	Starship transposons as a mediator of eukaryotic horizontal gene transfer	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250100256	Defining the evolution of apex arthropod predators	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$464,866	26/08/2024
DE250100257	An Urgent Need for School Belonging: Meta-Analyses & Participatory Action	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$426,618	26/08/2024
DE250100260	Is there a link between flash drought and bushfires?	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$433,451	26/08/2024
DE250100266	Plasma-driven electrocatalytic nitrogen reduction	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,331	26/08/2024

DE250100269	Unravelling chiral recognition to improve sensing and separation efficiency	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$473,464	26/08/2024
DE250100275	Robot Musicians: Long-term Use, Group Dynamics, and Artificial Intelligence	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$476,941	26/08/2024
DE250100281	Terrestrial ecosystem resilience to atmospheres enriched in carbon dioxide	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,076	26/08/2024
DE250100287	The origin story of immune cells: effects of the gut microbiome	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,991	26/08/2024
DE250100299	Language for Country: Perceiving and interacting with Cape York landscape	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$475,851	26/08/2024
DE250100306	Quantifying the long-term economic impacts of bushfire smoke in Australia	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$472,409	26/08/2024
DE250100309	Uncovering the evolution of the nitrogen cycle with carbonate chemistry	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$474,791	26/08/2024
DE250100317	Single-Atom Electrode for Hydrogenation Reactions at High Current Densities	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$427,691	26/08/2024
DE250100342	Critical and precious metals recovery from e-waste	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$468,073	26/08/2024
DE250100344	Enhancing Causal Inference from Large-Scale Surveys using Neural Networks	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$460,491	26/08/2024
DE250100347	Mapping the structure-function relationship of DNA origami in cells	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,195	26/08/2024

DE250100355	Complex Time-series System Forecasting Reinforced by Expert Knowledge	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$428,331	26/08/2024
DE250100356	Learning to see latent variables: Robotic state estimation made scalable	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$455,431	26/08/2024
DE250100363	Transfer Learning for Reliable Data Detection in Open-set Environments	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$452,831	26/08/2024
DE250100368	A lone or lonely life? Lived experiences of loneliness in autistic women	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,379	26/08/2024
DE250100380	Ochre as a preservation reservoir for archaeological biomolecules	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$484,941	26/08/2024
DE250100384	Modelling connectome communication using targeted neural perturbations	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$471,115	26/08/2024
DE250100386	Understanding structure, dynamics and function of receptor splice variants	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$482,907	26/08/2024
DE250100396	Sustainable Statistical Computing for Climate-Sensitive Science	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,138	26/08/2024
DE250100397	On the hardship that is homelessness	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$452,019	26/08/2024
DE250100398	Archipelagic Connections in Australian and Pacific Literature	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$476,113	26/08/2024
DE250100403	Understanding the transport of microplastics in complex turbulent flows	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,607	26/08/2024

DE250100406	Mid-infrared imaging with visible detectors at room temperature	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$475,614	26/08/2024
DE250100417	Next Generation of On-Demand Public Transport: Strategies and Algorithms	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$466,331	26/08/2024
DE250100419	Chiral photonics with resonant meta-structures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$397,419	26/08/2024
DE250100426	Unlocking yield gains with a new pathway targeting plant nitrogen usage	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,603	26/08/2024
DE250100427	Empowering Millimetre-wave Communications with Magneto-electric Surfaces	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$441,631	26/08/2024
DE250100435	Emergent phenomena in chaotic active matter	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$465,331	26/08/2024
DE250100444	Uncovering the colonisation of newly-recognised 'trojan horses' of bacteria	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$432,086	26/08/2024
DE250100454	Turbocharging Ytterbium Single-Molecule Magnets	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$463,331	26/08/2024
DE250100485	Next-generation resilient concrete for wastewater infrastructure	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$471,654	26/08/2024
DE250100508	Discovering the origins of cosmic radio explosions	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$471,331	26/08/2024
DE250100510	Protecting fertility, family and culture in Fiji	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,266	26/08/2024

DE250100525	New catalysts to harness electricity and light for chemical synthesis	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,366	26/08/2024
DE250100528	Collaborative Trust Marks: Marketing Aboriginal Tourism	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$456,561	26/08/2024
DE250100536	Sustainable Electrosynthesis of Urea and Formamide	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$443,331	26/08/2024
DE250100540	The brain that steers itself: discovering the rules of neural flexibility.	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$475,014	26/08/2024
DE250100542	Worlds Unseen: Inferring Hidden Structure with Generative Vision Models	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$472,431	26/08/2024
DE250100557	Building microtubule complexity: the exotic tubulins in sperm production	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250100560	Thermoelectric Building Modules: Turning Urban Heat into Energy	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$474,611	26/08/2024
DE250100568	Innovative Fire-Resistant Composite Coatings for Steel Structures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,261	26/08/2024
DE250100572	Study on the impacts of salt precipitation on underground hydrogen storage	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,331	26/08/2024
DE250100589	Helping Citizens Share Responsibility for Democratic Climate Adaptation	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,736	26/08/2024
DE250100597	Universal Jurisdiction for International Crimes in the Asia-Pacific	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$484,123	26/08/2024



DE250100603	High-energy cathode materials for next-generation lithium-ion batteries	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$431,191	26/08/2024
DE250100610	Delivering sustainable and quality aged care in home environments.	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,642	26/08/2024
DE250100611	Uncovering fungus-bee interactions for pollinator and ecosystem health	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$482,248	26/08/2024
DE250100612	Health workforce crisis: understanding political capacity for policy change	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$442,000	26/08/2024
DE250100613	Distilling Data for Cost-Efficient Recommender Systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$462,831	26/08/2024
DE250100617	How do diverse experiences shape face recognition in Humans and AI?	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,059	26/08/2024
DE250100618	The rules of engagement between transcription factors and cofactors	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$478,968	26/08/2024
DE250100621	Urine to Liquid Fertiliser Conversion	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,661	26/08/2024
DE250100656	Manipulating disturbance synchrony to regulate microbial systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$437,286	26/08/2024
DE250100663	Sea Level in the Mid-Pliocene Warm Period: Unveiling Earth's mantle Effects	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$474,781	26/08/2024
DE250100667	Making Efficient Sound Gradual Typing Fit for Industry Adoption	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,831	26/08/2024

DE250100669	Enhancing properties of advanced 3D printed alloys	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,615	26/08/2024
DE250100670	Taking the next step to understand natural perception	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$480,935	26/08/2024
DE250100674	Green Lithium Mining from Granite Reservoirs	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$438,834	26/08/2024
DE250100677	High-throughput bacterial genome assemblies with perfect accuracy	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$387,071	26/08/2024
DE250100685	Addressing alcohol use and injury in Australia's ageing population	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$465,000	26/08/2024
DE250100704	Decoding the spectral signatures of Australia's tree diversity and function	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$453,834	26/08/2024
DE250100709	Resolving Star Formation at its Peak	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$484,931	26/08/2024
DE250100716	Variation in music perception and its psychological and cultural correlates	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,231	26/08/2024
DE250100718	Gender inequalities at the frontier: AI, space and climate action	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,177	26/08/2024
DE250100722	Shark-inspired remote sensors	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$456,691	26/08/2024
DE250100728	Understanding Procedural Justice in Uneven Family Court Hearings	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$475,406	26/08/2024

DE250100730	Regulating Interfacial Chemistry for High-Energy Zinc-Air Batteries	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,681	26/08/2024
DE250100733	Mapping baselines and observing trends of Antarctic seafloor biodiversity	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250100739	Listenability: responsive policymaking for young people	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,656	26/08/2024
DE250100746	Safeguarding ecosystems from impending invasions	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$479,331	26/08/2024
DE250100753	Photothermal Catalytic Methane Dry Reforming for Scalable Syngas Production	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$436,691	26/08/2024
DE250100762	Understanding and control of quantum nonlocality in complex scenarios.	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$445,055	26/08/2024
DE250100767	Shifting foodways: biomolecular archaeology and oral traditions in Vanuatu	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,506	26/08/2024
DE250100772	Major hidden source of land-based nutrients affecting Australian estuaries	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,931	26/08/2024
DE250100773	Revealing invisible stellar interiors using starquakes in star clusters	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$461,691	26/08/2024
DE250100784	Gender, Translation, and ancient Greek tragedy	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$464,951	26/08/2024
DE250100791	Nucleic Acid-Based Molecular Circuitry to Control Biological Processes	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,591	26/08/2024

DE250100815	Unveiling the full sky with advanced Laser Guide Star technology	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$480,121	26/08/2024
DE250100822	Where, when and how do birds sleep in the city?	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,961	26/08/2024
DE250100827	Sunken Warships: Heritage Diplomacy in Maritime Southeast Asia	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,064	26/08/2024
DE250100833	Modelling the social and political drivers of the net zero transition	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$376,062	26/08/2024
DE250100851	The interplay of tectonics and climate on critical minerals in deep time	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,886	26/08/2024
DE250100873	Modelling the energy transition: the making of socio-technical futures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$390,296	26/08/2024
DE250100877	Advancing Plastic Recycling through Computational Catalyst Design	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$458,331	26/08/2024
DE250100883	Labour market expectations, job search and migration of young graduates	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$443,982	26/08/2024
DE250100886	AI-assisted design of halide perovskite optoelectronics and photocatalysts	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,215	26/08/2024
DE250100889	Health economic burden of bushfire smoke in Australia	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$465,000	26/08/2024
DE250100891	Behind the Screens: Interrogating Digital Service Design and Delivery	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,214	26/08/2024

DE250100901	Improving the global management of health (mis)information	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$401,029	26/08/2024
DE250100902	Bacterial evolution of antimicrobial resistance in urban water systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$459,191	26/08/2024
DE250100914	Large-scale network design for continuous-variable quantum communication	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$374,191	26/08/2024
DE250100919	Lifelong Paradigms for Versatile, Robust and Agile Recommender Systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$479,957	26/08/2024
DE250100933	Enhancing Australian Dark Matter Searches with Quantum Technology	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250100948	Decoding plant organellar signaling under heat stress	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$484,087	26/08/2024
DE250100961	Fast Distributed Optimisation and Learning with Applications in Smart Grids	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$455,531	26/08/2024
DE250100964	Asian voyagers and First Nations people in Australia's Gulf of Carpentaria	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$482,017	26/08/2024
DE250100969	Matching by Characteristics: Simplification for Efficiency and Fairness	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,301	26/08/2024
DE250100998	Energy saving through flow pulsation in pipelines	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$429,991	26/08/2024
DE250100999	Kagome frameworks as a platform for the development of quantum materials	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$477,138	26/08/2024

DE250101001	New Theory and Methods for Multi-Stage Optimisation with Contextual Data	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$470,491	26/08/2024
DE250101004	Novel cobalt-free cathode materials for next-generation lithium-ion battery	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$427,419	26/08/2024
DE250101025	Rate-induced transitions and recovery in systems with delayed feedback	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$471,554	26/08/2024
DE250101030	Exploring molecular mechanisms underpinning nutrient transport in the brain	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,641	26/08/2024
DE250101034	Modelling soil-cement interaction to design new-generation offshore wells	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,691	26/08/2024
DE250101041	Expanding the Frontiers of Provably Secure Watermarking	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$479,431	26/08/2024
DE250101046	Thiol ligands modified Cu catalysts for high-rate CO2 reduction to ethanol	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$446,691	26/08/2024
DE250101047	Using past climate change to predict future reef productivity	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$387,590	26/08/2024
DE250101051	Reversible methane metabolism in methanogenic and methanotrophic archaea	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$447,879	26/08/2024
DE250101060	At the intersection: Sleep disorders, shift work and young driver safety	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,081	26/08/2024
DE250101065	Intelligent sensing and communications for 6G Vehicle-to-Everything Systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$468,456	26/08/2024

DE250101070	Understanding Light, Technology, and Environments of Children	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$484,477	26/08/2024
DE250101071	Ab initio design of high-entropy alloy catalysts for metal-CO2 batteries	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$450,331	26/08/2024
DE250101076	Fostering a sense of belonging for neurodivergent university students	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,562	26/08/2024
DE250101083	Harnessing the potential of natural peptides through chemical design	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$446,628	26/08/2024
DE250101093	The psychology of everyday resistance	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$473,140	26/08/2024
DE250101094	Characterising extracellular contractile injection systems in human gut	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$480,981	26/08/2024
DE250101115	The psychedelic revival in addiction science: A social and policy analysis	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,641	26/08/2024
DE250101154	Connecting Pasifika Communities to the Collections made by James Lyle Young	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$392,691	26/08/2024
DE250101169	Improving shiftworkers sleep and physical activity using machine learning.	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,579	26/08/2024
DE250101172	How does RNA regulate gene repression?	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$486,391	26/08/2024
DE250101177	Charge carrier behaviour in organic semiconductor optoelectronic devices	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$476,221	26/08/2024

DE250101179	G protein-coupled receptor Response Mechanisms to Environmental Pollutants	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,593	26/08/2024
DE250101182	Measuring and mitigating cumulative impacts in Antarctica	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,174	26/08/2024
DE250101183	Leveraging electron microscopy to study receptor structure and function	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,453	26/08/2024
DE250101193	Tackling the consumption of sexual violence on screen	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250101196	Improving face identification by human-algorithm teams	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$478,861	26/08/2024
DE250101200	Tackling instability issue of perovskite toward lab-to-field PV application	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$473,691	26/08/2024
DE250101210	Spatiotemporal control of microbial and biogeochemical activity in drylands	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,655	26/08/2024
DE250101214	Admixture, Adaptation and Immunity in East Asian Genomes	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$456,811	26/08/2024
DE250101220	Unravelling evolutionary effects of mitochondria on sperm and male fitness	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$469,550	26/08/2024
DE250101223	Better environmental decisions amid strategic and evolutionary feedbacks	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$400,709	26/08/2024
DE250101250	Sustainable, resilient and affordable net-zero transitions for Australia	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$438,431	26/08/2024



DE250101252	Advancing Australian Green Steel through Redox Transformations	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,148	26/08/2024
DE250101258	Molecular Functions of Nicotinamide Adenine Dinucleotide Metabolites	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,691	26/08/2024
DE250101272	Engineering Nanomembranes for Direct Air Capture of Carbon Dioxide	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$402,291	26/08/2024
DE250101300	Ethics, evidence, and expert disagreement in public health emergencies	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$469,099	26/08/2024
DE250101312	Ionic-electronic conductive elastomer composites for flexible electronics	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,331	26/08/2024
DE250101315	Quantum-confined Semiconducting Polymeric Carbons for CO <sub>2</sub> Photoconversion	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$435,831	26/08/2024
DE250101329	Forging new links: Diophantine problems, modular forms and number fields	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$455,979	26/08/2024
DE250101332	Intelligent self-configurable coding and decoding for 6G wireless networks	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$452,831	26/08/2024
DE250101335	Safe collaborative control for heterogeneous multi-agent autonomous systems	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$445,691	26/08/2024
DE250101338	Human perceptual decision-making: bridging molecules, systems and behaviour	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,581	26/08/2024
DE250101373	Steel Origami-Enabled Metaconcrete Composite Structures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$464,431	26/08/2024

DE250101396	Responding to the harms of ultra-processed foods in Australia	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,691	26/08/2024
DE250101403	Design optimisation of recoverable lattice structures for multiple impacts	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$475,782	26/08/2024
DE250101412	Understanding the vaping epidemic through novel integrative monitoring tool	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,691	26/08/2024
DE250101417	Robust Neural Radiance Fields for Trustworthy 3D Generation	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$443,331	26/08/2024
DE250101419	Collaborative Food Security Solutions among Migrant Populations	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,005	26/08/2024
DE250101422	Unravelling fate of pathogens in sewers to advance wastewater surveillance	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$483,691	26/08/2024
DE250101434	Protonic ceramic fuel cells for operation under <400 °C	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$462,691	26/08/2024
DE250101447	Scalable Bayesian inference for secure and reliable decision making	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$481,221	26/08/2024
DE250101458	Philosophical Foundations of Mechanistic Understanding in AI	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$364,904	26/08/2024
DE250101462	Energy and carbon-efficient CO2 electrochemical reduction in strong acids	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$487,731	26/08/2024
DE250101463	Preparing Australia for a fiery future: Five strategies to guide law reform	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$482,990	26/08/2024

DE250101479	Mapping the Development of Emotional Reactivity in Childhood	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,332	26/08/2024
DE250101487	Bio-Inspired Multi-scale Strengthening of Lightweight Renewable Structures	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$467,331	26/08/2024
DE250101503	Measure subcellular structure changes with axial super resolution	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$488,331	26/08/2024
DE250101553	Investigating artificial intelligence risks for the Australian workforce	Discovery Early Career Researcher Award	16/08/2024	Approved	22/08/2024	24/08/2024	\$479,413	26/08/2024

- (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