

國立高雄應用科技大學 < 101年度期刊論文發表獎助 申請名冊 >

【單位】工學院-機械工程系通過：SCI 27件、EI 4件

編號	申請人	職稱	論文名稱	期刊名稱	SCI	EI	SSCI	A&H CI	TSSCI	作者 順位	審查意見
1	陳信宏	教授	Design of Robust-Stable and Quadratic Finite-Horizon Optimal Active Vibration Controllers with Low Sensitivity for Uncertain Flexible Mechanical Systems Using An Integrative	Applied Soft Computing	◎ 2.097					1	通過
2	許光城	教授	Establish Fatigue Life Mechanism for Self Run Bushing By Engineering Analysis Methods	Advanced Materials Research		◎				1	通過
3	許光城	教授	Solid Welding Conditions for Seam and Hollow Extrusion Process of 7075 Aluminum Alloy	Key Engineering Materials		◎				通/1	通過
4	方得華	教授	Photoluminescence and preparation of ZnNb2O6 doped with Eu3+ and Tm3+ nanocrystals	Materials Chemistry and Physics	◎ 2.356					通/2	通過
5	方得華	教授	Nanomechanical properties of array TiO2 nanotubes	Microporous and Mesoporous Materials	◎ 3.320					通/2	通過
6	方得華	教授	Effect of chain length of self-assembled monolayers in dip-pen nanolithography using molecular dynamics simulations	Journal of Colloid and Interface Science	◎ 3.068					通/2	通過
7	方得華	教授	Thermomechanical properties of polymer nanolithography using atomic force microscopy	Micron	◎ 1.649					通/1	通過
8	方得華	教授	Novel photoluminescent properties of LiGaO2 nanoflakes	Journal of Alloys and Compounds	◎ 2.138					通/2	通過
9	王珉玟	教授	An optimization system for LED lens design	Expert Systems with Applications	◎ 1.926					通/3	通過
10	鄭振宗	教授	Odd-Harmonic Characteristics of the Field-Modulated GMR Magnetometer	IEEE TRANSACTIONS ON MAGNETIC	◎ 1.053					1	通過
11	鄭振宗	教授	Design, Fabrication and Characterisation of a 3D CMOS Fluxgate Magnetometer	IEEE TRANSACTIONS ON MAGNETIC	◎ 1.053					通/4	通過
12	鄭振宗	教授	Two-Stage Directly-Coupled Superconducting Quantum Interference Device Array Magnetometer	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	◎ 1.035					1	通過
13	鄭振宗	教授	Characteristics of the Dual-Bridge Giant Magnetoresistance Magnetometer	REVIEW OF SCIENTIFIC INSTRUMENTS	◎ 1.601					通/1	通過
14	李順晴	副教授	Heat Transfer Analysis of Room-Temperature Finned-Tube Evaporator for Cryogenic Nitrogen	ASME J. heat transfer	◎ 0.942					通/1	通過
15	李順晴	副教授	Characteristic analysis of a photovoltaic system flying at fixed latitude	Energy Conversion and Management	◎ 2.072					通/1	通過

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16	李順晴	副教授	Operation analysis of a photovoltaic lighting system with battery and heater	Solar Energy	◎ 2.172					通/1	通過
17	江家慶	副教授	Investigation of the curing residual stress in Gr Epoxy laminated composites by using embedded Fiber Bragg Grating sensor	Advanced Materials Research		◎				通/1	通過
18	林昭文	助理教授	Surface modification of SUS304 stainless steel by atmospheric pressure Ar/N <sub>2</sub> /O <sub>2</sub> plasma	Nuclear Instruments and Methods in Physics Research B	◎ 1.042					通/1	通過
19	林昭文	助理教授	Measurement of Friction Surface and Wear Rate between a Carbon Graphite Brush and a Copper Ring	Tribology Transactions	◎ 0.669					1	通過
20	徐金城	助理教授	Performance of proton exchange membrane fuel cells at elevated temperature	Energy Conversion and Management	◎ 2.072					通/1	通過
21	徐金城	助理教授	Thermal characterization of shrouded plate fin array on an LED backlight panel	Applied Thermal Engineering	◎ 1.826					通/1	通過
22	徐金城	助理教授	Characterization of bubble formation in microfluidic fuel cells employing hydrogen peroxide	Journal of Power Sources	◎ 4.290					通/1	通過
23	徐金城	助理教授	A Study of Bubble Venting in a Microchannel with Hydrophobic Nanoporous Membranes	Journal of Flow Visualization & Image Processing		◎				通/1	通過
24	鄭宗杰	助理教授	Effects of oxygen addition on physical properties of ZnO thin film grown by radio frequency reactive magnetron sputtering	Journal of Alloys and Compounds	◎ 2.138					2	通過
25	鄭宗杰	助理教授	Development of an energy-saving module via combination of solar cells and thermoelectric coolers for green building applications	Energy	◎ 3.681					1	通過
26	鄭宗杰	助理教授	Nanomanipulation of field emission measurement for vacuum nanodiodes based on uniform silicon nanowire emitters	Applied Physics Letters	◎ 3.841					通/2	通過
27	陳錦泰	助理教授	Inkjet-Printed Polymeric Microstructure in n-Sided Regular Polygonal Cavities	Journal of Microelectromechanical Systems	◎ 2.157					1	通過
28	陳道星	助理教授	Microstructural Evolution of Nanoindented Ag/Si Thin-Film under Different Annealing	Materials Transactions	◎ 0.787					2	通過

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29	陳道星	助理教授	Nanoindentation Behaviour and Annealed Microstructural Evolution of Ni/Si Thin Film	Materials Transactions	◎ 0.787					2	通過
30	陳道星	助理教授	Dynamic mechanical response of biomedical 316L stainless steel as function of strain rate and temperature	Bioinorganic Chemistry and Applications	◎ 0.949					2	通過
31	張國明	教授	Characteristics of micro-gas journal bearings based on kinetic theory	Tribology International	◎ 1.560					2	通過