

Cheng Xu

List of Publications by Year in descending order

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327
papers

9,999
citations

26630

56
h-index

51608

86
g-index

329
all docs

329
docs citations

329
times ranked

8945
citing authors

#	ARTICLE	IF	CITATIONS
1	Constrained Gaussian Condensation Filter for Cooperative Target Tracking. IEEE Internet of Things Journal, 2022, 9, 1861-1874.	8.7	4
2	The interaction of vortices induced by a pair of microjets in the turbulent boundary layer. Journal of Visualization, 2022, 25, 449-465.	1.8	4
3	Origin of metasomatic fluids in the Bayan Obo rare-earth-element deposit. Ore Geology Reviews, 2022, 141, 104654.	2.7	2
4	Uncertainty-Constrained Belief Propagation for Cooperative Target Tracking. IEEE Internet of Things Journal, 2022, 9, 19414-19425.	8.7	5
5	Mineralization of the Bayan Obo Rare Earth Element Deposit by Recrystallization and Decarbonation. Economic Geology, 2022, 117, 1327-1338.	3.8	13
6	Experimental investigation on mechanical properties of coal samples under different freeze-thaw cycles. Energy Exploration and Exploitation, 2022, 40, 1649-1667.	2.3	1
7	Carbonatitic pockets in intra-ocean arc volcanics (Qilian orogen): Petrogenesis and implications for carbon recycling in subduction zones. Chemical Geology, 2022, 606, 120981.	3.3	4
8	Error Constraint Enhanced Particle Filter Using Quantum Particle Swarm Optimization. IEEE Sensors Journal, 2021, 21, 24431-24439.	4.7	7
9	The effects of minute vortex generator jet in a turbulent boundary layer with adverse pressure gradient. Science Progress, 2021, 104, 003685042110232.	1.9	5
10	Hydrothermal alteration of pyrochlore group minerals from the Miaoya carbonatite complex, central China and its implications for Nb mineralization. Ore Geology Reviews, 2021, 132, 104059.	2.7	21
11	Comparison of the in vitro corrosion behavior of biodegradable pure Zn in SBF, 0.9% NaCl, and DMEM. Materials and Corrosion - Werkstoffe Und Korrosion, 2021, 72, 1687.	1.5	7
12	Reversal of triboelectric charges on sol-gel oxide films annealed at different temperatures. Applied Physics Letters, 2021, 118, .	3.3	3
13	Effects of Oxygen Vacancies and Cation Valence States on the Triboelectric Property of Substoichiometric Oxide Films. ACS Applied Materials & Interfaces, 2021, 13, 35795-35803.	8.0	6
14	An innovative method for preparation of sol-gel HfO ₂ films with high laser-induced damage threshold after high-temperature annealing. Applied Surface Science, 2021, 554, 149615.	6.1	5
15	Experimental and numerical study on the ballistic performance of ultrahigh molecular weight polyethylene laminate. Polymer Composites, 2021, 42, 5168-5198.	4.6	6
16	Interface inter-atomic electron-transition induced photon emission in contact-electrification. Science Advances, 2021, 7, eabj0349.	10.3	42
17	Corrosion characteristics of zinc-zirconium alloy in SBF and its biocompatibility in vitro/in vivo. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 196-208.	1.5	10
18	Mineralogical and geochemical constraints on origin of Paleoproterozoic clinopyroxene syenite in Trans-North China orogen. Precambrian Research, 2020, 337, 105557.	2.7	5

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19	In-situ high temperature laser-induced damage of sol-gel Ta ₂ O ₅ films with different dual additives. <i>Thin Solid Films</i> , 2020, 693, 137723.	1.8	4
20	Engineered Nanoparticles for Cancer Vaccination and Immunotherapy. <i>Accounts of Chemical Research</i> , 2020, 53, 2094-2105.	15.6	129
21	Adsorption of rare earth elements in regolith-hosted clay deposits. <i>Nature Communications</i> , 2020, 11, 4386.	12.8	146
22	Efficient Lymph Node-Targeted Delivery of Personalized Cancer Vaccines with Reactive Oxygen Species-Inducing Reduced Graphene Oxide Nanosheets. <i>ACS Nano</i> , 2020, 14, 13268-13278.	14.6	69
23	Knowledge structure generation and modularization based on binary matrix factorization in engineering design. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 4657-4673.	1.5	1
24	Fuzzy Active Disturbance Rejection Control for Direct Driven Exoskeleton of Swing Leg. , 2020, , .		1
25	Generalised maximum complex correntropy-based DOA estimation in presence of impulsive noise. <i>IET Radar, Sonar and Navigation</i> , 2020, 14, 793-802.	1.8	10
26	Estimation of Knee Movement from Surface EMG Using Random Forest with Principal Component Analysis. <i>Electronics (Switzerland)</i> , 2020, 9, 43.	3.1	32
27	High-Strain-Rate Compressive Behavior of UHMWPE Fiber Laminate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1505.	2.5	9
28	Carbon-Strontium Isotope Decoupling in Carbonatites from Caotan (Qinling, China): Implications for the Origin of Calcite Carbonatite in Orogenic Settings. <i>Journal of Petrology</i> , 2020, 61, .	2.8	23
29	The Overlapped Electron-Cloud Model for Electron Transfer in Contact Electrification. <i>Advanced Functional Materials</i> , 2020, 30, 1909724.	14.9	61
30	Unraveling Temperature-Dependent Contact Electrification between Sliding-Mode Triboelectric Pairs. <i>Advanced Functional Materials</i> , 2020, 30, 1909384.	14.9	42
31	Ultra-Wideband Radio Channel Characteristics for Near-Ground Swarm Robots Communication. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 4715-4726.	9.2	10
32	Preparation of high laser-induced damage threshold sol-gel Nb ₂ O ₅ films with different additives. <i>Optik</i> , 2020, 206, 164306.	2.9	7
33	Dynamic stress analysis of anisotropic gun barrel under coupled thermo-mechanical loads via finite element method. <i>Latin American Journal of Solids and Structures</i> , 2020, 17, .	1.0	8
34	Critical assessment of CuZn ₃₉ Pb ₂ processing maps. <i>International Journal of Materials Research</i> , 2020, 111, 439-448.	0.3	3
35	Adaptive Control of a Lower Limb Exoskeleton Based on Fuzzy Compensation. , 2020, , .		1
36	Experimental verification of the effect of human lower extremity exoskeleton. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 3999-4004.	1.5	3

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37	Iterative Reweighted DOA Estimation for Impulsive Noise Processing Based on Off-Grid Variational Bayesian Learning. <i>IEEE Access</i> , 2019, 7, 104642-104654.	4.2	7
38	Numerical study on dynamics of exoskeleton with rigid-flexible coupling knees based on sagittal gait plan. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2019, 13, JAMDSM0049-JAMDSM0049.	0.7	0
39	In Situ U-Th-Pb Dating and Sr-Nd Isotope Analysis of Bastnäs site by LA-MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 543-565.	3.1	32
40	Towards Human Motion Tracking: Multi-Sensory IMU/TOA Fusion Method and Fundamental Limits. <i>Electronics (Switzerland)</i> , 2019, 8, 142.	3.1	18
41	Positron Emission Tomography-Guided Photodynamic Therapy with Biodegradable Mesoporous Silica Nanoparticles for Personalized Cancer Immunotherapy. <i>ACS Nano</i> , 2019, 13, 12148-12161.	14.6	138
42	Microstructures and capacitance performance of MnO ₂ films fabricated by ultrasonic-assisted electrodeposition. <i>Applied Surface Science</i> , 2019, 478, 94-102.	6.1	34
43	Understanding the occurrence of the individual CO ₂ electrolysis during H ₂ O-CO ₂ co-electrolysis in classic planar Ni-YSZ/YSZ/LSM-YSZ solid oxide cells. <i>Electrochimica Acta</i> , 2019, 318, 440-448.	5.2	10
44	Effects of Metal Work Function and Contact Potential Difference on Electron Thermionic Emission in Contact Electrification. <i>Advanced Functional Materials</i> , 2019, 29, 1903142.	14.9	75
45	MCC-CKF: A Distance Constrained Kalman Filter Method for Indoor TOA Localization Applications. <i>Electronics (Switzerland)</i> , 2019, 8, 478.	3.1	12
46	Influence of Mg on the mechanical properties and degradation performance of as-extruded Zn Mg Ca alloys: In vitro and in vivo behavior. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 95, 220-231.	3.1	38
47	A two-step carbon fiber surface treatment and its effect on the interfacial properties of CF/EP composites: The electrochemical oxidation followed by grafting of silane coupling agent. <i>Applied Surface Science</i> , 2019, 486, 546-554.	6.1	79
48	Evaluation of as-extruded ternary Zn-Mg-Zr alloys for biomedical implantation material: <i>in vitro</i> and <i>in vivo</i> behavior. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 1056-1070.	1.5	32
49	3D Localization Performance Evaluation using IMU/TOA Fusion Methods. <i>International Journal of Wireless Information Networks</i> , 2019, 26, 67-79.	2.7	5
50	Analytical Solution for Solid Cylindrical Heat Source Model With Convective Boundary Condition. <i>Journal of Heat Transfer</i> , 2019, 141, .	2.1	5
51	Preparation of sol-gel ZrO ₂ films with high laser-induced damage threshold under high temperature. <i>Optics Express</i> , 2019, 27, 37568.	3.4	3
52	Bacteria-like mesoporous silica-coated gold nanorods for positron emission tomography and photoacoustic imaging-guided chemo-photothermal combined therapy. <i>Biomaterials</i> , 2018, 165, 56-65.	11.4	134
53	Effects of Na Doping on Structural, Optical, and Electronic Properties of ZnO Thin Films Fabricated by Sol-Gel Technique. <i>Journal of Electronic Materials</i> , 2018, 47, 3847-3854.	2.2	8
54	The origin of secondary heavy rare earth element enrichment in carbonatites: Constraints from the evolution of the Huanglongpu district, China. <i>Lithos</i> , 2018, 308-309, 65-82.	1.4	41

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55	Sequential Human Activity Recognition Based on Deep Convolutional Network and Extreme Learning Machine Using Wearable Sensors. <i>Journal of Sensors</i> , 2018, 2018, 1-10.	1.1	51
56	Back-Spalling process of an Al ₂ O ₃ ceramic plate subjected to an impact of steel ball. <i>International Journal of Impact Engineering</i> , 2018, 122, 451-471.	5.0	16
57	Corrections to "Toward Near-Ground Localization: Modeling and Applications for TOA Ranging Error"[Oct 17 5658-5662]. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 1052-1052.	5.1	1
58	Recurrent Transformation of Prior Knowledge Based Model for Human Motion Recognition. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-12.	1.7	7
59	Template free growth of robustly stable nanophotonic structures: broadband light superabsorbers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8646-8662.	5.5	26
60	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. <i>Nature Communications</i> , 2018, 9, 2790.	12.8	75
61	Apatite in carbonatitic rocks: Compositional variation, zoning, element partitioning and petrogenetic significance. <i>Lithos</i> , 2017, 274-275, 188-213.	1.4	157
62	Origin of heavy rare earth mineralization in South China. <i>Nature Communications</i> , 2017, 8, 14598.	12.8	72
63	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie</i> , 2017, 129, 2935-2938.	2.0	9
64	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2889-2892.	13.8	65
65	Porous mullite thermal insulators from coal gangue fabricated by a starch-based foam gel-casting method. <i>Journal of the Australian Ceramic Society</i> , 2017, 53, 287-291.	1.9	31
66	Carbonatites of Tarim (NW China): First evidence of crustal contribution in carbonatites from a large igneous province. <i>Lithos</i> , 2017, 282-283, 1-9.	1.4	27
67	Rifle bullet penetration into ballistic gelatin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 67, 40-50.	3.1	31
68	Transient pressure wave in the behind armor blunt trauma: experimental and computational investigation. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017, 20, 308-318.	1.6	10
69	Field testing of the surface electromagnetic prospecting system. <i>Applied Geophysics</i> , 2017, 14, 449-458.	0.6	13
70	REE mineralization in the Bayan Obo deposit, China: Evidence from mineral paragenesis. <i>Ore Geology Reviews</i> , 2017, 91, 100-109.	2.7	28
71	Petrogenesis and mineralization of REE-rich granites in Qingxi and Guanxi, Nanling region, South China. <i>Ore Geology Reviews</i> , 2017, 81, 309-325.	2.7	19
72	Characteristic Modeling of TOA Ranging Error in Rotating Anchor-Based Relative Positioning. <i>IEEE Sensors Journal</i> , 2017, 17, 7945-7953.	4.7	15

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73	Toward Near-Ground Localization: Modeling and Applications for TOA Ranging Error. IEEE Transactions on Antennas and Propagation, 2017, 65, 5658-5662.	5.1	31
74	Origin of unusual HREE-Mo-rich carbonatites in the Qinling orogen, China. Scientific Reports, 2016, 6, 37377.	3.3	60
75	Long circulating reduced graphene oxide-iron oxide nanoparticles for efficient tumor targeting and multimodality imaging. Nanoscale, 2016, 8, 12683-12692.	5.6	58
76	Experimental investigation of the response of gelatine behind the soft body armor. Forensic Science International, 2016, 266, 8-13.	2.2	23
77	Quantitative electrochemical contributions of cells and stacked interfacial contacts in solid-oxide electrolysis cells. International Journal of Hydrogen Energy, 2016, 41, 4538-4545.	7.1	9
78	Re-assessing the enhanced permeability and retention effect in peripheral arterial disease using radiolabeled long circulating nanoparticles. Biomaterials, 2016, 100, 101-109.	11.4	61
79	Rare earth element enrichment in Palaeoproterozoic Fengzhen carbonatite from the North China block. International Geology Review, 2016, 58, 1940-1950.	2.1	20
80	Experimental study of REE, Ba, Sr, Mo and W partitioning between carbonatitic melt and aqueous fluid with implications for rare metal mineralization. Contributions To Mineralogy and Petrology, 2016, 171, 1.	3.1	83
81	CRLB for TOA Based Near-Ground Swarm Robotic Localization. , 2015, , .		1
82	The experimental and numerical study of indirect effect of a rifle bullet on the bone. Forensic Science International, 2015, 257, 473-480.	2.2	2
83	On image quality metrics and the usefulness of grids in digital mammography. Journal of Medical Imaging, 2015, 2, 013501.	1.5	6
84	Spectral response model for a multibin photon-counting spectral computed tomography detector and its applications. Journal of Medical Imaging, 2015, 2, 033502.	1.5	15
85	Analysis of behind the armor ballistic trauma. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 45, 11-21.	3.1	51
86	Comparison of performance and degradation of large-scale solid oxide electrolysis cells in stack with different composite air electrodes. International Journal of Hydrogen Energy, 2015, 40, 2460-2472.	7.1	63
87	Energy Calibration of a Silicon-Strip Detector for Photon-Counting Spectral CT by Direct Usage of the X-ray Tube Spectrum. IEEE Transactions on Nuclear Science, 2015, 62, 68-75.	2.0	11
88	Effects of different post-treatment methods on optical properties, absorption and nanosecond laser-induced damage threshold of Ta2O5 films. Thin Solid Films, 2015, 580, 12-20.	1.8	11
89	Laser-induced damage of Ta2O5 films obtained from TaCl5 precursor and annealed at different temperatures. Applied Surface Science, 2015, 344, 137-145.	6.1	8
90	A case example of the importance of multi-analytical approach in deciphering carbonatite petrogenesis in South Qinling orogen: Miaoya rare-metal deposit, central China. Lithos, 2015, 227, 107-121.	1.4	63

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91	The experimental and numerical investigation of pistol bullet penetrating soft tissue simulant. <i>Forensic Science International</i> , 2015, 249, 271-279.	2.2	13
92	Preparation of Ta-Doped TiO ₂ Using Ta ₂ O ₅ as the Doping Source. <i>Chinese Physics Letters</i> , 2015, 32, 088102.	3.3	6
93	Comparative studies on the laser-induced damage of TiO ₂ films with different additives and thickness. <i>Optik</i> , 2015, 126, 5478-5482.	2.9	7
94	Optimization of beam quality for photon-counting spectral computed tomography in head imaging: simulation study. <i>Journal of Medical Imaging</i> , 2015, 2, 043504.	1.5	16
95	Petrological and geochemical characteristics of Zhaibei granites in Nanling region, Southeast China: Implications for REE mineralization. <i>Ore Geology Reviews</i> , 2015, 64, 569-582.	2.7	30
96	Genesis of Si-rich carbonatites in Huanglongpu Mo deposit, Lesser Qinling orogen, China and significance for Mo mineralization. <i>Ore Geology Reviews</i> , 2015, 64, 756-765.	2.7	44
97	Quantitative contribution of resistance sources of components to stack performance for solid oxide electrolysis cells. <i>Journal of Power Sources</i> , 2015, 274, 736-740.	7.8	17
98	A new strategy for sperm isolation and STR typing from multi-donor sperm mixtures. <i>Forensic Science International: Genetics</i> , 2014, 13, 239-246.	3.1	15
99	Height dependent TOA ranging error model for near ground localization applications. , 2014, , .		3
100	A Linearly-Polarized Cesium Vapor Laser with Fundamental Mode Output and Low Threshold. <i>Chinese Physics Letters</i> , 2014, 31, 044202.	3.3	5
101	Laser-Induced Damage Threshold of TiO ₂ Films with Different Preparation Methods and Annealing Temperatures. <i>Chinese Physics Letters</i> , 2014, 31, 074207.	3.3	2
102	Impact Study of Mass Eccentricity of Sniper Rifle Bullet on Initial Disturbance. <i>Advanced Materials Research</i> , 2014, 1006-1007, 275-279.	0.3	0
103	Investigation of 30-cell solid oxide electrolyzer stack modules for hydrogen production. <i>Ceramics International</i> , 2014, 40, 5801-5809.	4.8	30
104	Origin of carbonatites in the South Qinling orogen: Implications for crustal recycling and timing of collision between the South and North China Blocks. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 189-206.	3.9	78
105	Hierarchical mushroom-like CoNi ₂ S ₄ arrays as a novel electrode material for supercapacitors. <i>Nano Energy</i> , 2014, 3, 36-45.	16.0	265
106	Nanosecond laser-induced damage at different initial temperatures of Ta ₂ O ₅ films prepared by dual ion beam sputtering. <i>Journal of Applied Physics</i> , 2014, 116, 053102.	2.5	10
107	Achieving high-efficiency hydrogen production using planar solid-oxide electrolysis stacks. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 10833-10842.	7.1	53
108	CC-KF: Enhanced TOA Performance in Multipath and NLOS Indoor Extreme Environment. <i>IEEE Sensors Journal</i> , 2014, 14, 3766-3774.	4.7	107

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109	Sol-gel Synthesis of Hybrid Coating to Improve Titaniumâ€“Porcelain Bonding. <i>Materials and Manufacturing Processes</i> , 2014, 29, 1025-1029.	4.7	7
110	A Silicon-Strip Detector for Photon-Counting Spectral CT: Energy Resolution From 40ÂkeV to 120ÂkeV. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 1099-1105.	2.0	25
111	Correlations between the oxygen deficiency and the laser damage resistance of different oxide films. <i>Applied Surface Science</i> , 2014, 289, 141-144.	6.1	16
112	Preparation of high laser-induced damage threshold Ta2O5 films. <i>Applied Surface Science</i> , 2014, 309, 194-199.	6.1	20
113	MLOC: A Multiple Service Fusion Self-Organizing Geolocation System. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 247-261.	0.4	0
114	ZTDMA: A Multi-zones and Multi-objectives Channel Allocation Protocol Based on TOA Real-Time Geolocation System. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 233-245.	0.4	0
115	Encapsulating Gold Nanoparticles or Nanorods in Graphene Oxide Shells as a Novel Gene Vector. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2715-2724.	8.0	89
116	Evaluation of a Second-Generation Ultra-Fast Energy-Resolved ASIC for Photon-Counting Spectral CT. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 437-445.	2.0	45
117	Impact of steel spheres on ballistic gelatin at moderate velocities. <i>International Journal of Impact Engineering</i> , 2013, 62, 142-151.	5.0	57
118	Effect of Temperature Variation on the Energy Response of a Photon Counting Silicon CT Detector. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 1442-1449.	2.0	9
119	Targeting Chemophotothermal Therapy of Hepatoma by Gold Nanorods/Graphene Oxide Core/Shell Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12911-12920.	8.0	123
120	Synthesis of ZnO hollow spheres through a bacterial template method and their gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 99-103.	7.8	50
121	Linewidth-tunable laser diode array for rubidium laser pumping. <i>Quantum Electronics</i> , 2013, 43, 147-149.	1.0	6
122	A Parallel Depth-Aided Exemplar-Based Inpainting for Real-Time View Synthesis on GPU. , 2013, , .		1
123	Effect of nano-porous film on the bonding strength of titaniumâ€“porcelain. <i>Materials Letters</i> , 2013, 109, 140-142.	2.6	11
124	Energy resolution of a segmented silicon strip detector for photon-counting spectral CT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 715, 11-17.	1.6	30
125	Wide band polarization independent reflector based on guided mode resonance effect in germanium grating. <i>Optik</i> , 2013, 124, 3033-3035.	2.9	0
126	Thermal shock behavior of ZrB2â€“SiC composite ceramics with added TaSi2. <i>International Journal of Refractory Metals and Hard Materials</i> , 2013, 41, 507-516.	3.8	27

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127	Indium-tin-oxide thin film transistor biosensors for label-free detection of avian influenza virus H5N1. <i>Analytica Chimica Acta</i> , 2013, 773, 83-88.	5.4	55
128	Superior electrochemical performance of ultrasmall SnS ₂ nanocrystals decorated on flexible RGO in lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8658.	10.3	110
129	Degradation behaviors of perfluorosulfonic acid polymer electrolyte membranes for polymer electrolyte membrane fuel cells under varied acceleration conditions. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1586-1592.	2.6	24
130	Wide band polarization independent reflector based on guided mode resonance effect in three-level silicon-based element. <i>Optics and Laser Technology</i> , 2013, 45, 42-45.	4.6	2
131	A Linearly-Polarized Rubidium Vapor Laser Pumped by a Tunable Laser Diode Array with an External Cavity of a Temperature-Controlled Volume Bragg Grating. <i>Chinese Physics Letters</i> , 2013, 30, 034202.	3.3	11
132	The Dynamic Simulation and Strength Analysis of the Integrated General Suspension Rack Connector for an Ejection System. <i>Advanced Materials Research</i> , 2013, 712-715, 1545-1549.	0.3	0
133	Design and Implementation of Development and Testing Platform for Airbag Control System. <i>Applied Mechanics and Materials</i> , 2013, 321-324, 1554-1557.	0.2	0
134	Tunable and Linewidth-Reduced Laser Diode Stack for Rubidium Laser Pumping. <i>Chinese Physics Letters</i> , 2013, 30, 114201.	3.3	4
135	Chemical Reaction Optimization for Task Mapping in Heterogeneous Embedded Multiprocessor Systems. <i>Advanced Materials Research</i> , 2013, 712-715, 2604-2610.	0.3	1
136	Lightweight detecting and resolving algorithm for firewall policy conflict. , 2013, , .		1
137	DLTDMA: a dynamic layout time division multiple access channel allocation protocol based on real-time geolocation system. , 2013, , .		0
138	A novel hardware efficient FIR filter for wireless sensor networks. , 2013, , .		4
139	Effect of Anodization on Titanium-Porcelain Bonding. <i>Materials and Manufacturing Processes</i> , 2013, 28, 1305-1309.	4.7	6
140	Neighbourhood Optimization Enhanced Networked MPC with One-step Delay Communication for Large-scale Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 166-171.	0.4	1
141	Geophysical Evidence through a CSAMT Survey of the Deep Geological Structure at a Potential Radioactive Waste Site at Beishan, Gansu, China. <i>Journal of Environmental and Engineering Geophysics</i> , 2013, 18, 43-54.	0.5	22
142	Video Genre Classification Using Weighted Kernel Logistic Regression. <i>Advances in Multimedia</i> , 2013, 2013, 1-6.	0.4	9
143	An Optimized Floating-Point Matrix Multiplication on FPGA. <i>Information Technology Journal</i> , 2013, 12, 1832-1838.	0.3	6
144	The Contrast of EM Characteristics among Different Sources for Earth-ionosphere Model. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
145	Pressure Loss Computation on Inner-flow Field of a Muffler. Information Technology Journal, 2013, 12, 2174-2180.	0.3	1
146	The Dynamic Strength Analysis the Key Parts of Body of RG. Advanced Materials Research, 2012, 503-504, 805-808.	0.3	0
147	Achieving Hydrogen Production through Solid Oxide Electrolyzer Stack by High Temperature Electrolysis. ECS Transactions, 2012, 41, 103-111.	0.5	11
148	Degradation of Solid Oxide Electrolyser Cells with Different Anodes. ECS Transactions, 2012, 41, 97-102.	0.5	8
149	Failure Analysis of the Entrance Elbow for Crude Oil Cracking Furnace. Advanced Materials Research, 2012, 524-527, 1811-1815.	0.3	0
150	Temperature dependences of optical properties, chemical composition, structure, and laser damage in Ta ₂ O ₅ films. Chinese Physics B, 2012, 21, 114213.	1.4	7
151	A Semantic E-Tourism Framework Based on Cloud-Computing. Applied Mechanics and Materials, 2012, 197, 661-668.	0.2	2
152	A High-Rate Energy-Resolving Photon-Counting ASIC for Spectral Computed Tomography. IEEE Transactions on Nuclear Science, 2012, 59, 30-39.	2.0	30
153	The Application of Second-Developed ADAMS on Simulation of Individual Soldier Automatic Weapon. Applied Mechanics and Materials, 2012, 182-183, 1056-1059.	0.2	0
154	Effect of Oxygen Vacancy on the Band Gap and Nanosecond Laser-Induced Damage Threshold of Ta ₂ O ₅ Films. Chinese Physics Letters, 2012, 29, 084207.	3.3	16
155	Mechanical Performance and Microstructure of Plant Fiber Reinforced LDPE Foamed Composites. Applied Mechanics and Materials, 2012, 200, 325-330.	0.2	1
156	Improvement on masked S-box hardware implementation. , 2012, , .		8
157	Comparison of fluorite geochemistry from REE deposits in the Panxi region and Bayan Obo, China. Journal of Asian Earth Sciences, 2012, 57, 76-89.	2.3	67
158	A query-driven indoor location system based on smartphone. , 2012, , .		3
159	A novel frequency control strategy of micro-source based on the secondary frequency regulation of power system. , 2012, , .		4
160	A novel external cavity with double volume Bragg gratings for rubidium laser pumping. , 2012, , .		0
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