

Jie Sun

List of Publications by Year in descending order

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385
papers

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22153

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times ranked

12876
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on electrodeposition and corrosion resistance of Cu-Sn alloy prepared in ChCl-EG deep eutectic solvent. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 469-479.	2.5	5
2	Quantum-dot array with a random rough interface encapsulated by atomic layer deposition. <i>Optics Letters</i> , 2022, 47, 166.	3.3	16
3	Insights into the Mechanism for Vertical Graphene Growth by Plasma-Enhanced Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7152-7160.	8.0	20
4	BATF promotes group 2 innate lymphoid cell-mediated lung tissue protection during acute respiratory virus infection. <i>Science Immunology</i> , 2022, 7, eabc9934.	11.9	20
5	Tannic acid-polypyrrole multifunctional coating layer enhancing the interface effect and efficient Li-ion transport of a phosphorus anode. <i>Nanoscale</i> , 2022, 14, 3625-3631.	5.6	6
6	Tripling Light Conversion Efficiency of 1/4LED Displays by Light Recycling Black Matrix. <i>IEEE Photonics Journal</i> , 2022, 14, 1-7.	2.0	10
7	An Interior Point Parameterized Central Path Following Algorithm for Linearly Constrained Convex Programming. <i>Journal of Scientific Computing</i> , 2022, 90, 1.	2.3	0
8	GaN LEDs with <i>in situ</i> synthesized transparent graphene heat-spreading electrodes fabricated by PECVD and penetration etching. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6794-6804.	5.5	3
9	An inertial triple-projection algorithm for solving the split feasibility problem. <i>Journal of Industrial and Management Optimization</i> , 2022, .	1.3	3
10	Global and Regional Variations and Main Drivers of Aerosol Loadings over Land during 1980-2018. <i>Remote Sensing</i> , 2022, 14, 859.	4.0	1
11	TFAM-Dependent Mitochondrial Metabolism Is Required for Alveolar Macrophage Maintenance and Homeostasis. <i>Journal of Immunology</i> , 2022, 208, 1456-1466.	0.8	13
12	The impact of reusable tableware packaging combined with environmental propaganda on consumer behaviour in online retail. <i>PLoS ONE</i> , 2022, 17, e0264562.	2.5	6
13	Proposal of a novel modular photo-thermo-reactor system for cascaded hydrogen production from methanol steam reforming. <i>Energy Conversion and Management</i> , 2022, 256, 115390.	9.2	10
14	The Impact of Perceived Interactivity and Intrinsic Value on Users' Continuance Intention in Using Mobile Augmented Reality Virtual Shoe-Try-On Function. <i>Systems</i> , 2022, 10, 3.	2.3	26
15	The Impact of Alternative Foods on Consumers' Continuance Intention from an Innovation Perspective. <i>Foods</i> , 2022, 11, 1167.	4.3	5
16	Unveiling the charge transfer dynamics steered by built-in electric fields in BIOBr photocatalysts. <i>Nature Communications</i> , 2022, 13, 2230.	12.8	117
17	Ultrasound-Guided Quadratus Lumborum Block Enhances the Quality of Recovery after Gastrointestinal Surgery: A Randomized Controlled Trial. <i>Pain Research and Management</i> , 2022, 2022, 1-10.	1.8	6
18	Transcriptome Profiling Provides New Insights into the Molecular Mechanism Underlying the Sensitivity of Cotton Varieties to Mepiquat Chloride. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5043.	4.1	2

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19	A Novel GaN LED Structure With Both P and N Discontinuous Ohmic Contacts and Discontinuous CBL. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	0
20	A Study of Factors Influencing the Continuance Intention to the Usage of Augmented Reality in Museums. Systems, 2022, 10, 73.	2.3	11
21	A Study of the Effects of Interactive AI Image Processing Functions on Children's Painting Education. Lecture Notes in Computer Science, 2022, , 93-108.	1.3	1
22	Could Surplus Food in Blind Box Form Increase Consumers' Purchase Intention?. Agriculture (Switzerland), 2022, 12, 864.	3.1	7
23	Perovskite Quantum Dots for Emerging Displays: Recent Progress and Perspectives. Nanomaterials, 2022, 12, 2243.	4.1	30
24	Highly Dispersion Cu ₂ O QDs Decorated Bi ₂ WO ₆ S-Scheme Heterojunction for Enhanced Photocatalytic Water Oxidation. Nanomaterials, 2022, 12, 2455.	4.1	6
25	An Augmented Lagrangian Decomposition Method for Chance-Constrained Optimization Problems. INFORMS Journal on Computing, 2021, 33, 1056-1069.	1.7	4
26	A Minibatch Proximal Stochastic Recursive Gradient Algorithm Using a Trust-Region-Like Scheme and Barzilai-Borwein Stepsizes. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4627-4638.	11.3	5
27	Enhanced visible-light photocatalysis of clofibric acid using graphitic carbon nitride modified by cerium oxide nanoparticles. Journal of Hazardous Materials, 2021, 405, 124204.	12.4	33
28	Cotton fabrics modified with Si@ hyperbranched poly(amidoamine): their salt-free dyeing properties and thermal behaviors. Cellulose, 2021, 28, 565-579.	4.9	13
29	Robust stochastic optimization with convex risk measures: A discretized subgradient scheme. Journal of Industrial and Management Optimization, 2021, 17, 81-99.	1.3	1
30	N-Heterocyclic carbene-catalyzed radical ring-opening acylation of oxime esters with aldehydes. Organic Chemistry Frontiers, 2021, 8, 6074-6079.	4.5	13
31	The synthesis of greenish phosphorus on carbon substrates. Chemical Communications, 2021, 57, 3975-3978.	4.1	8
32	Non-metal with metal behavior: metal-free coordination-insertion ring-opening polymerization. Chemical Science, 2021, 12, 10732-10741.	7.4	5
33	Efficient electrochemical reduction of CO ₂ promoted by the electrospun Cu _{1.96} S/Cu tandem catalyst. Nanoscale, 2021, 13, 16986-16994.	5.6	8
34	Metallization Reliability of GaN-Based High-Voltage Light-Emitting Diodes. IEEE Transactions on Device and Materials Reliability, 2021, 21, 472-478.	2.0	0
35	Telechelic PEG-polymers capped with chromophores: Using as cationic reactive dyes and salt-free dyeing properties on cotton fabrics. Journal of Applied Polymer Science, 2021, 138, 50455.	2.6	3
36	T resident helper cells promote humoral responses in the lung. Science Immunology, 2021, 6, .	11.9	85

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37	Characterization and electrochemical analysis of silver electrodeposition in ChClâ€‘urea deep eutectic solvents. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	1.7	8
38	Stochastic Variance Reduced Gradient Methods Using a Trust-Region-Like Scheme. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	2.3	8
39	The Cotton Lignin Biosynthetic Gene <i>Gh4CL30</i> Regulates Lignification and Phenolic Content and Contributes to Verticillium Wilt Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 240-254.	2.6	29
40	A time-consistent Benders decomposition method for multistage distributionally robust stochastic optimization with a scenario tree structure. <i>Computational Optimization and Applications</i> , 2021, 79, 67-99.	1.6	1
41	Self-sacrificial template synthesis of heteroatom doped porous biochar for enhanced electrochemical energy storage. <i>Journal of Power Sources</i> , 2021, 488, 229455.	7.8	61
42	Stable and Efficient Nanofilm Pure Evaporation on Nanopillar Surfaces. <i>Langmuir</i> , 2021, 37, 3731-3739.	3.5	5
43	GhGSTF12, a glutathione S-transferase gene, is essential for anthocyanin accumulation in cotton (<i>Gossypium hirsutum</i> L.). <i>Plant Science</i> , 2021, 305, 110827.	3.6	28
44	Silencing GhFAR3.1 reduces wax accumulation in cotton leaves and leads to increased susceptibility to drought stress. <i>Plant Direct</i> , 2021, 5, e00313.	1.9	8
45	Dynamic financial distress prediction based on class-imbalanced data batches. <i>International Journal of Financial Engineering</i> , 2021, 08, 2150026.	0.5	3
46	Ferric iron reduction reaction electro-Fenton with gas diffusion device: A novel strategy for improvement of comprehensive efficiency in electro-Fenton. <i>Journal of Hazardous Materials</i> , 2021, 412, 125195.	12.4	34
47	Breeding Next-Generation Naturally Colored Cotton. <i>Trends in Plant Science</i> , 2021, 26, 539-542.	8.8	24
48	Aging and respiratory viral infection: from acute morbidity to chronic sequelae. <i>Cell and Bioscience</i> , 2021, 11, 112.	4.8	20
49	Reduction-oxidation series coupling degradation of chlorophenols in Pd-Catalytic Electro-Fenton system. <i>Chemosphere</i> , 2021, 274, 129654.	8.2	5
50	Multi-omics assisted identification of the key and species-specific regulatory components of drought-tolerant mechanisms in <i>Gossypium stocksii</i> . <i>Plant Biotechnology Journal</i> , 2021, 19, 1690-1692.	8.3	14
51	Quantum Dot Color Conversion Efficiency Enhancement in Micro-Light-Emitting Diodes by Non-Radiative Energy Transfer. <i>IEEE Electron Device Letters</i> , 2021, 42, 1184-1187.	3.9	8
52	Effects of decapitated and root-pruned <i>Sedum alfredii</i> on the characterization of dissolved organic matter and enzymatic activity in rhizosphere soil during Cd phytoremediation. <i>Journal of Hazardous Materials</i> , 2021, 417, 125977.	12.4	14
53	Duet Fe ₃ C and FeN _x Sites for H ₂ O ₂ Generation and Activation toward Enhanced Electro-Fenton Performance in Wastewater Treatment. <i>Environmental Science & Technology</i> , 2021, 55, 1260-1269.	10.0	128
54	Graphene-assisted preparation of large-scale single-crystal Ag(111) nanoparticle arrays for surface-enhanced Raman scattering. <i>Nanotechnology</i> , 2021, 32, 025301.	2.6	2

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55	Research Progress on the Role of Inflammatory Mechanisms in the Development of Postoperative Cognitive Dysfunction. <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	26
56	Robust multi-period portfolio selection based on downside risk with asymmetrically distributed uncertainty set. <i>European Journal of Operational Research</i> , 2020, 285, 81-95.	5.7	36
57	A strategy of global convergence for the affine scaling algorithm for convex semidefinite programming. <i>Mathematical Programming</i> , 2020, 179, 1-19.	2.4	1
58	Solid electrolyte interphase manipulation towards highly stable hard carbon anodes for sodium ion batteries. <i>Energy Storage Materials</i> , 2020, 25, 324-333.	18.0	92
59	Efficient biocatalyst of L-DOPA with <i>Escherichia coli</i> expressing a tyrosine phenol-lyase mutant from <i>Kluyvera intermedia</i> . <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 1187-1200.	2.9	4
60	Toxicity of soil labile aluminum fractions and aluminum species in soil water extracts on the rhizosphere bacterial community of tall fescue. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109828.	6.0	11
61	A Novel Euler's Elastica-Based Segmentation Approach for Noisy Images Using the Progressive Hedging Algorithm. <i>Journal of Mathematical Imaging and Vision</i> , 2020, 62, 98-119.	1.3	1
62	Phytohormones-induced senescence efficiently promotes the transport of cadmium from roots into shoots of plants: A novel strategy for strengthening of phytoremediation. <i>Journal of Hazardous Materials</i> , 2020, 388, 122080.	12.4	48
63	Solving Lagrangian variational inequalities with applications to stochastic programming. <i>Mathematical Programming</i> , 2020, 181, 435-451.	2.4	19
64	Lead-induced oxidative stress triggers root cell wall remodeling and increases lead absorption through esterification of cell wall polysaccharide. <i>Journal of Hazardous Materials</i> , 2020, 385, 121524.	12.4	20
65	Dependences of Formation and Transition of the Surface Condensation Mode on Wettability and Temperature Difference. <i>Langmuir</i> , 2020, 36, 456-464.	3.5	27
66	In Situ Growth of CVD Graphene Directly on Dielectric Surface toward Application. <i>ACS Applied Electronic Materials</i> , 2020, 2, 238-246.	4.3	17
67	Overexpression of the transcription factor HAC1 improves nerolidol production in engineered yeast. <i>Enzyme and Microbial Technology</i> , 2020, 134, 109485.	3.2	16
68	Review of synergistic photo-thermo-catalysis: Mechanisms, materials and applications. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 30288-30324.	7.1	118
69	Multiphysics-coupled study of wind load effects on optical performance of parabolic trough collector. <i>Solar Energy</i> , 2020, 207, 1078-1087.	6.1	16
70	Synthesis of Ti4O7/Ti3O5 Dual-Phase Nanofibers with Coherent Interface for Oxygen Reduction Reaction Electrocatalysts. <i>Materials</i> , 2020, 13, 3142.	2.9	11
71	Generation and Evolution of Nanobubbles on Heated Nanoparticles: A Molecular Dynamics Study. <i>Langmuir</i> , 2020, 36, 2375-2382.	3.5	22
72	Comparative transcriptome combined with metabolome analyses revealed key factors involved in nitric oxide (NO)-regulated cadmium stress adaptation in tall fescue. <i>BMC Genomics</i> , 2020, 21, 601.	2.8	31

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73	High Quality Graphene Thin Films Synthesized by Glow Discharge Method in A Chemical Vapor Deposition System Using Solid Carbon Source. <i>Materials</i> , 2020, 13, 2026.	2.9	1
74	A full battery system of pre-lithiated phosphorus/sulfurized pyrolyzed poly(acrylonitrile) with an effective electrolyte and improved safety. <i>Green Chemistry</i> , 2020, 22, 4252-4258.	9.0	20
75	Electrochemical Mechanism of Trivalent Chromium Reduction in ChCl-EG Deep Eutectic Solvents Containing Trivalent Chromium. <i>Journal of the Electrochemical Society</i> , 2020, 167, 102511.	2.9	10
76	Spectral Operators of Matrices: Semismoothness and Characterizations of the Generalized Jacobian. <i>SIAM Journal on Optimization</i> , 2020, 30, 630-659.	2.0	8
77	Characterization of the Gh4CL gene family reveals a role of Gh4CL7 in drought tolerance. <i>BMC Plant Biology</i> , 2020, 20, 125.	3.6	40
78	Inhibition of stearyl-CoA desaturases suppresses follicular development and germinal center B cell responses. <i>European Journal of Immunology</i> , 2020, 50, 1067-1077.	2.9	15
79	Characterization and transcriptome analysis of a dominant genic male sterile cotton mutant. <i>BMC Plant Biology</i> , 2020, 20, 312.	3.6	12
80	2D/2D Ti ₃ C ₂ MXene/g-C ₃ N ₄ nanosheets heterojunction for high efficient CO ₂ reduction photocatalyst: Dual effects of urea. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118738.	20.2	417
81	Mixed-integer minimax dynamic optimization for structure identification of glycerol metabolic network. <i>Applied Mathematical Modelling</i> , 2020, 82, 503-520.	4.2	8
82	Risk minimization, regret minimization and progressive hedging algorithms. <i>Mathematical Programming</i> , 2020, 181, 509-530.	2.4	3
83	HDAC8 cooperates with SMAD3/4 complex to suppress SIRT7 and promote cell survival and migration. <i>Nucleic Acids Research</i> , 2020, 48, 2912-2923.	14.5	63
84	K ₂ Ti ₆ O ₁₃ /carbon core-shell nanorods as a superior anode material for high-rate potassium-ion batteries. <i>Nanoscale</i> , 2020, 12, 11427-11434.	5.6	14
85	Deacetylase-independent function of SIRT6 couples GATA4 transcription factor and epigenetic activation against cardiomyocyte apoptosis. <i>Nucleic Acids Research</i> , 2020, 48, 4992-5005.	14.5	43
86	A primal-dual interior-point method capable of rapidly detecting infeasibility for nonlinear programs. <i>Journal of Industrial and Management Optimization</i> , 2020, 16, 1009-1035.	1.3	9
87	A new interpretation of the progressive hedging algorithm for multistage stochastic minimization problems. <i>Journal of Industrial and Management Optimization</i> , 2020, 16, 1655-1662.	1.3	4
88	A Model of Multistage Risk-Averse Stochastic Optimization and its Solution by Scenario-Based Decomposition Algorithms. <i>Asia-Pacific Journal of Operational Research</i> , 2020, 37, 2040004.	1.3	2
89	CVaR-based robust models for portfolio selection. <i>Journal of Industrial and Management Optimization</i> , 2020, 16, 1861-1871.	1.3	4
90	Distributionally robust L_1 -estimation in multiple linear regression. <i>Optimization Letters</i> , 2019, 13, 935-947.	1.6	5

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91	Two-Stage Quadratic Games under Uncertainty and Their Solution by Progressive Hedging Algorithms. <i>SIAM Journal on Optimization</i> , 2019, 29, 1799-1818.	2.0	18
92	High-responsivity photodetectors made of graphene nanowalls grown on Si. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	23
93	Towards high ductility in magnesium alloys - The role of intergranular deformation. <i>International Journal of Plasticity</i> , 2019, 123, 121-132.	8.8	76
94	A solar hybrid system integrating concentrating photovoltaic direct steam generation by chemical heat pump. <i>Energy Conversion and Management</i> , 2019, 196, 856-865.	9.2	14
95	SIRT7 couples light-driven body temperature cues to hepatic circadian phase coherence and gluconeogenesis. <i>Nature Metabolism</i> , 2019, 1, 1141-1156.	11.9	26
96	Transfer-Free Graphene-Like Thin Films on GaN LED Epiwafers Grown by PECVD Using an Ultrathin Pt Catalyst for Transparent Electrode Applications. <i>Materials</i> , 2019, 12, 3533.	2.9	7
97	Reliability of High-Voltage GaN-Based Light-Emitting Diodes. <i>IEEE Transactions on Device and Materials Reliability</i> , 2019, 19, 402-408.	2.0	7
98	ChFAD2 α 3 is required for anther development in <i>Gossypium hirsutum</i> . <i>BMC Plant Biology</i> , 2019, 19, 393.	3.6	12
99	Transcriptome Sequencing and Metabolome Analysis Reveal Genes Involved in Pigmentation of Green-Colored Cotton Fibers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4838.	4.1	33
100	Room-Temperature Potassium α Sulfur Batteries Enabled by Microporous Carbon Stabilized Small-Molecule Sulfur Cathodes. <i>ACS Nano</i> , 2019, 13, 2536-2543.	14.6	80
101	Process Optimization of Passive Matrix GaN-Based Micro-LED Arrays for Display Applications. <i>Journal of Electronic Materials</i> , 2019, 48, 5195-5201.	2.2	18
102	Protocells self-assembled by hydroxyapatite nanoparticles: Highly efficient and selective enrichment of chlorophenols in an aqueous environment. <i>Chemosphere</i> , 2019, 233, 1-8.	8.2	8
103	BCL6 modulates tissue neutrophil survival and exacerbates pulmonary inflammation following influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11888-11893.	7.1	58
104	Effects of initial {10-12} twins on cyclic deformation and fatigue of magnesium alloy at low strain amplitudes. <i>Materials Characterization</i> , 2019, 149, 118-123.	4.4	17
105	Proposal of solar-aided coal-fired power generation system with direct steam generation and active composite sun-tracking. <i>Renewable Energy</i> , 2019, 141, 596-612.	8.9	15
106	One-step construction of Pickering emulsion via commercial TiO ₂ nanoparticles for photocatalytic dye degradation. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 1-8.	20.2	89
107	Transient model and characteristics of parabolic-trough solar collectors: Molten salt vs. synthetic oil. <i>Solar Energy</i> , 2019, 182, 182-193.	6.1	28
108	Monolithic Integrated Device of GaN Micro-LED with Graphene Transparent Electrode and Graphene Active-Matrix Driving Transistor. <i>Materials</i> , 2019, 12, 428.	2.9	17

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109	The Growth of Graphene on Ni-Cu Alloy Thin Films at a Low Temperature and Its Carbon Diffusion Mechanism. <i>Nanomaterials</i> , 2019, 9, 1633.	4.1	9
110	Chemical vapor deposition of graphene on refractory metals: The attempt of growth at much higher temperature. <i>Synthetic Metals</i> , 2019, 247, 233-239.	3.9	7
111	Transient characteristics of a parabolic trough direct-steam-generation process. <i>Renewable Energy</i> , 2019, 135, 800-810.	8.9	38
112	Distributionally robust parameter identification of a time-delay dynamical system with stochastic measurements. <i>Applied Mathematical Modelling</i> , 2019, 69, 685-695.	4.2	19
113	Topological construction of phosphorus and carbon composite and its application in energy storage. <i>Energy Storage Materials</i> , 2019, 20, 343-372.	18.0	43
114	Solving monotone stochastic variational inequalities and complementarity problems by progressive hedging. <i>Mathematical Programming</i> , 2019, 174, 453-471.	2.4	56
115	A class of two-stage distributionally robust games. <i>Journal of Industrial and Management Optimization</i> , 2019, 15, 387-400.	1.3	13
116	Double projection algorithms for solving the split feasibility problems. <i>Journal of Industrial and Management Optimization</i> , 2019, 15, 2023-2034.	1.3	12
117	The Convergent Generalized Central Paths for Linearly Constrained Convex Programming. <i>SIAM Journal on Optimization</i> , 2018, 28, 1183-1204.	2.0	3
118	Effects of culture and financial literacy among Chinese-Americans on participating in financial services. <i>Journal of Financial Services Marketing</i> , 2018, 23, 62-75.	3.4	6
119	Vertically Aligned Graphene Coating is Bactericidal and Prevents the Formation of Bacterial Biofilms. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701331.	3.7	72
120	Comprehensive assessment of line-/point-focus combined scheme for concentrating solar power system. <i>International Journal of Energy Research</i> , 2018, 42, 1983-1998.	4.5	18
121	Two-In-One Method for Graphene Transfer: Simplified Fabrication Process for Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7289-7295.	8.0	29
122	Graphene bolometer with thermoelectric readout and capacitive coupling to an antenna. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	23
123	Remarkable improved electro-Fenton efficiency by electric-field-induced catalysis of CeO ₂ . <i>Journal of Hazardous Materials</i> , 2018, 350, 88-97.	12.4	60
124	Density functional theory calculations for evaluation of phosphorene as a potential anode material for magnesium batteries. <i>RSC Advances</i> , 2018, 8, 7196-7204.	3.6	77
125	Transfer-free, lithography-free, and micrometer-precision patterning of CVD graphene on SiO ₂ toward all-carbon electronics. <i>APL Materials</i> , 2018, 6, 026802.	5.1	14
126	Large-Scale Proton-Implant-Defined VCSEL Arrays With Narrow Beamwidth. <i>IEEE Electron Device Letters</i> , 2018, 39, 390-393.	3.9	11

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127	A Distributionally Robust Minimum Variance Beamformer Design. <i>IEEE Signal Processing Letters</i> , 2018, 25, 105-109.	3.6	18
128	A model of distributionally robust two-stage stochastic convex programming with linear recourse. <i>Applied Mathematical Modelling</i> , 2018, 58, 86-97.	4.2	28
129	(Pro)renin Receptor Inhibition Reprograms Hepatic Lipid Metabolism and Protects Mice From Diet-Induced Obesity and Hepatosteatosis. <i>Circulation Research</i> , 2018, 122, 730-741.	4.5	46
130	Dependence of Beam Quality on Optical Intensity Asymmetry in In-Phase Coherently Coupled VCSEL Array. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-6.	1.9	10
131	Rapidly Enhanced Electro-Fenton Efficiency by in Situ Electrochemistry-Activated Graphite Cathode. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4907-4915.	3.7	24
132	Drastic promoting the visible photoreactivity of layered carbon nitride by polymerization of dicyandiamide at high pressure. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 330-339.	20.2	123
133	Inorganic Self-Assembled Bioactive Artificial Proto-Osteocells Inducing Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10718-10728.	8.0	14
134	A semi-infinite programming approach to two-stage stochastic linear programs with high-order moment constraints. <i>Optimization Letters</i> , 2018, 12, 1237-1247.	1.6	6
135	Maximum principle via Malliavin calculus for regular-singular stochastic differential games. <i>Optimization Letters</i> , 2018, 12, 1301-1314.	1.6	1
136	Spectral operators of matrices. <i>Mathematical Programming</i> , 2018, 168, 509-531.	2.4	14
137	Quadratic two-stage stochastic optimization with coherent measures of risk. <i>Mathematical Programming</i> , 2018, 168, 599-613.	2.4	10
138	On the dual representation of coherent risk measures. <i>Annals of Operations Research</i> , 2018, 262, 29-46.	4.1	14
139	Synthesis of acid dyes containing polyetheramine moieties and their low-temperature dyeing properties on wool fiber. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45793.	2.6	7
140	On Coherency and Other Properties of MAXVAR. <i>Vietnam Journal of Mathematics</i> , 2018, 46, 87-94.	0.8	0
141	Selective and metal-free oxidation of biomass-derived 5-hydroxymethylfurfural to 2,5-diformylfuran over nitrogen-doped carbon materials. <i>Green Chemistry</i> , 2018, 20, 4946-4956.	9.0	107
142	Promise and Challenge of Phosphorus in Science, Technology, and Application. <i>Advanced Functional Materials</i> , 2018, 28, 1803471.	14.9	65
143	Investigating the impact of catchment areas of airports on estimating air travel demand: A case study of regional Western Australia. <i>Journal of Air Transport Management</i> , 2018, 70, 91-103.	4.5	16
144	Transfer-free, lithography-free and fast growth of patterned CVD graphene directly on insulators by using sacrificial metal catalyst. <i>Nanotechnology</i> , 2018, 29, 365301.	2.6	22

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145	Distribution and phytotoxicity of soil labile aluminum fractions and aluminum species in soil water extracts and their effects on tall fescue. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 180-187.	6.0	20
146	High oxygen reduction reaction performance nitrogen-doped biochar cathode: A strategy for comprehensive utilizing nitrogen and carbon in water hyacinth. <i>Bioresource Technology</i> , 2018, 267, 524-531.	9.6	82
147	Energy level difference graphic analysis method of combined cooling, heating and power systems. <i>Energy</i> , 2018, 160, 1069-1077.	8.8	12
148	Efficient path of distributed solar energy system synergetically combining photovoltaics with solar-syngas fuel cell. <i>Energy Conversion and Management</i> , 2018, 173, 704-714.	9.2	30
149	Double-potential electro-Fenton: A novel strategy coupling oxygen reduction reaction and Fe ²⁺ /Fe ³⁺ recycling. <i>Electrochemistry Communications</i> , 2018, 94, 55-58.	4.7	31
150	Nitric oxide alleviates toxicity of hexavalent chromium on tall fescue and improves performance of photosystem II. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 32-40.	6.0	40
151	Hierarchical porous carbon materials derived from waste lentinus edodes by a hybrid hydrothermal and molten salt process for supercapacitor applications. <i>Applied Surface Science</i> , 2018, 462, 862-871.	6.1	110
152	A review on the utilization of hybrid renewable energy. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 91, 1121-1147.	16.4	273
153	Transcriptome analysis providing novel insights for Cd-resistant tall fescue responses to Cd stress. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 349-356.	6.0	70
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