

# Liang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/13747/publications.pdf>

Version: 2024-02-01

431  
papers

14,667  
citations

20817

60  
h-index

33894

99  
g-index

434  
all docs

434  
docs citations

434  
times ranked

19469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Analysis and Experimental Investigation on a Novel Piezoelectric-Actuated Rail-Type Mobile Platform. IEEE/ASME Transactions on Mechatronics, 2022, 27, 744-752.	5.8	13
2	Exploring a comprehensive knowledge map for promoting safety management research in the construction industry. Engineering, Construction and Architectural Management, 2022, 29, 1678-1714.	3.1	6
3	Compressive Strength, Hydration and Pore Structure of Alkali-Activated Slag Mortars Integrating with Recycled Concrete Powder as Binders. KSCE Journal of Civil Engineering, 2022, 26, 795-805.	1.9	19
4	Decoration of Au NPs on hollow structured BiOBr with surface oxygen vacancies for enhanced visible light photocatalytic H <sub>2</sub> O <sub>2</sub> evolution. Journal of Solid State Chemistry, 2022, 306, 122722.	2.9	12
5	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	6.5	2
6	Edge Detection-Assisted Brillouin Optical Time-Domain Analyzer for Ultrafast Sensing of Abnormal Temperature Event. IEEE Sensors Journal, 2022, 22, 3211-3218.	4.7	1
7	Applications of optically and electrically driven nanoscale bowtie antennas. , 2022, 1, 210004-210004.		7
8	Fusion Bonding Possibility for Incompatible Polymers by the Novel Ultrasonic Welding Technology: Effect of Interfacial Compatibilization. ACS Omega, 2022, 7, 14797-14806.	3.5	6
9	Experimental study and SEM-EDS analysis of agglomerates from gasification of biomass in fluidized beds. Energy, 2022, 252, 124034.	8.8	6
10	Genetic Variations of CARMN Modulate Glioma Susceptibility and Prognosis in a Chinese Han Population. Pharmacogenomics and Personalized Medicine, 2022, Volume 15, 487-497.	0.7	0
11	One-Pot Synthesis of Orange Emissive Carbon Quantum Dots for All-Type High Color Rendering Index White Light-Emitting Diodes. ACS Sustainable Chemistry and Engineering, 2022, 10, 8289-8296.	6.7	37
12	Ciliary transition zone proteins coordinate ciliary protein composition and ectosome shedding. Nature Communications, 2022, 13, .	12.8	16
13	Intervening Coupling Diffusion of Competitive Information in Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2548-2559.	5.7	20
14	Application of portable gas chromatography-mass spectrometer for rapid field based determination of TCE in soil vapour and groundwater. Environmental Technology and Innovation, 2021, 21, 101274.	6.1	9
15	Genetic tracing of HCoV-19 for the re-emerging outbreak of COVID-19 in Beijing, China. Protein and Cell, 2021, 12, 4-6.	11.0	13
16	Social capital in China: a systematic literature review. Asian Business and Management, 2021, 20, 32-77.	2.8	24
17	Numerical investigation of excitonic resonances of few-layer black phosphorus based on field enhancement. Journal of Materials Science, 2021, 56, 6227-6234.	3.7	0
18	Enhanced BOTDA Sensors Based on Brillouin Phase Recovery Using Kramers-Kronig Relation. IEEE Sensors Journal, 2021, 21, 22775-22782.	4.7	2

#	ARTICLE	IF	CITATIONS
19	P53/miR-154 Pathway Regulates the Epithelial-Mesenchymal Transition in Glioblastoma Multiforme Cells by Targeting TCF12. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 681-693.	2.2	5
20	Facile synthesis of $\text{Ga}_2\text{O}_3$ nanowires network for solar-blind ultraviolet photodetector. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 175106.	2.8	15
21	Enhancing Defects of N-Doped Carbon Nanospheres Via Ultralow Co Atom Loading Engineering for a High-Efficiency Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 3439-3447.	5.1	18
22	Analyzing the Formation Mechanism of Cross-City Transportation Network Resilience. <i>Discrete Dynamics in Nature and Society</i> , 2021, 2021, 1-12.	0.9	0
23	Staged data delivery protocol: A blockchain-based two-stage protocol for non-repudiation data delivery. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6240.	2.2	7
24	MSW in a Circular Economy: 2020 - 2035 Scenarios for the City of Oslo, Norway. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 691, 012006.	0.3	1
25	The Hydration and Compressive Strength of Cement Mortar Prepared by Calcium Acetate Solution. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-9.	0.7	1
26	Considerations on factors affecting biochar densification behavior based on a multiparameter model. <i>Energy</i> , 2021, 221, 119893.	8.8	13
27	Hierarchical lead grid for highly stable oxygen evolution in acidic water at high temperature. <i>Journal of Power Sources</i> , 2021, 493, 229635.	7.8	15
28	VOC emissions of coal-fired power plants in China based on life cycle assessment method. <i>Fuel</i> , 2021, 292, 120325.	6.4	31
29	How can artificial intelligence models assist PD-L1 expression scoring in breast cancer: results of multi-institutional ring studies. <i>Npj Breast Cancer</i> , 2021, 7, 61.	5.2	17
30	Unravelling the Role of Strong Metal-Support Interactions in Boosting the Activity toward Hydrogen Evolution Reaction on Ir Nanoparticle/N-Doped Carbon Nanosheet Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 22448-22456.	8.0	34
31	Vitamin D: Promises on the Horizon and Challenges Ahead for Fighting Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 2716.	3.7	10
32	Review on the Durability of Polypropylene Fibre-Reinforced Concrete. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-13.	0.7	15
33	Large-scale fabrication of biomass-derived N, S co-doped porous carbon with ultrahigh surface area for oxygen reduction. <i>Materials Chemistry and Physics</i> , 2021, 267, 124601.	4.0	7
34	Iron Carbide Nanoparticles Supported by Nitrogen-Doped Carbon Nanosheets for Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2021, 4, 8360-8367.	5.0	5
35	Petroleum hydrocarbon rhizoremediation and soil microbial activity improvement via cluster root formation by wild proteaceae plant species. <i>Chemosphere</i> , 2021, 275, 130135.	8.2	13
36	Carrier engineering of carbon nitride boosts visible-light photocatalytic hydrogen evolution. <i>Carbon</i> , 2021, 179, 80-88.	10.3	52

#	ARTICLE	IF	CITATIONS
37	The molecular basis for SARS-CoV-2 binding to dog ACE2. Nature Communications, 2021, 12, 4195.	12.8	43
38	An Outcome of Decoupling and De-globalization? The Weakened Impact of Internationalization on Innovation of Chinese Firms Since 2016. Management and Organization Review, 2021, 17, 630-635.	2.1	5
39	Effect of phosphorus-based additives on the sintering characteristics of cornstalk ash. Journal of the Energy Institute, 2021, 97, 37-47.	5.3	13
40	Assessing the extent of community spread caused by mink-derived SARS-CoV-2 variants. Innovation(China), 2021, 2, 100128.	9.1	16
41	Microglial Calm2 regulates neuroinflammation and contributes to Alzheimer's disease pathology. Science Advances, 2021, 7, .	10.3	49
42	Transfer matrix modeling on a longitudinal-bending coupled piezoelectric transducer with single-phase excitation: Analysis and verification. Review of Scientific Instruments, 2021, 92, 095006.	1.3	3
43	Sub-micrometer direct laser writing using an optimized binary-amplitude zone plate lens. Optics Letters, 2021, 46, 5185.	3.3	3
44	Regulation of functional groups on graphene quantum dots directs selective CO <sub>2</sub> to CH <sub>4</sub> conversion. Nature Communications, 2021, 12, 5265.	12.8	89
45	Production and use of biochar from lignin and lignin-rich residues (such as digestate and olive) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.5	30
46	Strategy of Fabricating Flexible Strain Sensor via Layer-by-Layer Assembly of Conductive Hydrogels. ACS Applied Electronic Materials, 2021, 3, 3889-3897.	4.3	10
47	Valence State Modulation of Chromium in Selective Hydrogen Peroxide Production Electrocatalysts. ACS Applied Energy Materials, 2021, 4, 10114-10123.	5.1	2
48	Functional group tuning of two-dimensional carbon nanosheets for boosting oxygen reduction electrocatalysis. Carbon, 2021, 185, 395-403.	10.3	10
49	A novel approach for preparing nitrogen-doped porous nanocomposites for supercapacitors. Fuel, 2021, 304, 121449.	6.4	17
50	Are root elongation assays suitable for establishing metallic anion ecotoxicity thresholds?. Journal of Hazardous Materials Letters, 2021, 2, 100024.	3.6	2
51	Assessment of the development level of regional industrialized building based on cloud model: A case study in Guangzhou, China. Journal of Building Engineering, 2021, 44, 102547.	3.4	19
52	Current applications of colourimetric microfluidic devices (smart phone based) for soil nutrient determination. , 2021, , 103-128.		5
53	Multi-Round Incentive Mechanism for Cold Start-Enabled Mobile Crowdsensing. IEEE Transactions on Vehicular Technology, 2021, 70, 993-1007.	6.3	31
54	COVID-19 Expands Its Territories from Humans to Animals. China CDC Weekly, 2021, 3, 855-858.	2.3	24

#	ARTICLE	IF	CITATIONS
55	Empirical Kinetic Models for the CO <sub>2</sub> Gasification of Biomass Chars. Part 1. Gasification of Wood Chars and Forest Residue Chars. ACS Omega, 2021, 6, 27552-27560.	3.5	4
56	Rapid In-Field Approaches for Delineating VOC in Both Soil Vapour and Groundwater for Vapour Intrusion Assessment. Frontiers in Environmental Science, 2021, 9, .	3.3	4
57	Direct thermal annealing synthesis of FeO nanodots anchored on N-doped carbon nanosheet for long-term electrocatalytic oxygen reduction. Electrochimica Acta, 2021, 398, 139361.	5.2	15
58	Enhanced Raman Distributed Temperature Sensor Using a High Raman Gain Fiber. IEEE Sensors Journal, 2021, 21, 27518-27525.	4.7	5
59	Corporate compliance capability of EMNEs: a prerequisite for overcoming the liability of emergingness in advanced economies. International Journal of Emerging Markets, 2021, ahead-of-print, .	2.2	3
60	Novel Traveling Wave Sandwich Piezoelectric Transducer with Single Phase Drive: Theoretical Modeling, Experimental Validation, and Application Investigation. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, .	3.7	2
61	Phosphorescence Tuning of Fluorine, Oxygen-Codoped Carbon Dots by Substrate Engineering. ACS Sustainable Chemistry and Engineering, 2021, 9, 16262-16269.	6.7	38
62	CO <sub>2</sub> Gasification Reactivity of Char from High-Ash Biomass. ACS Omega, 2021, 6, 34115-34128.	3.5	8
63	High-performance inverted evanescently coupled waveguide integrated MUTC-PD with high response speed. Applied Optics, 2021, 60, 10696.	1.8	3
64	The Key Factors for the Fate and Transport of Petroleum Hydrocarbons in Soil With Related in/ex Situ Measurement Methods: An Overview. Frontiers in Environmental Science, 2021, 9, .	3.3	9
65	Mechanical Stress-Induced IGF-1 Facilitates col-I and col-III Synthesis via the IGF-1R/AKT/mTORC1 Signaling Pathway. Stem Cells International, 2021, 2021, 1-11.	2.5	6
66	Electrochemiluminescence Aptasensor for Charged Targets through the Direct Regulation of Charge Density in Microchannels. Analytical Chemistry, 2021, 93, 17127-17133.	6.5	5
67	Tapping into agglomeration benefits by engaging in a community of practice. Strategic Organization, 2020, 18, 617-644.	5.0	9
68	Theoretical analysis and experimental investigation on a novel self-moving linear piezoelectric stepping actuator. Mechanical Systems and Signal Processing, 2020, 135, 106183.	8.0	32
69	Effects of endophytes inoculation on rhizosphere and endosphere microecology of Indian mustard (Brassica juncea) grown in vanadium-contaminated soil and its enhancement on phytoremediation. Chemosphere, 2020, 240, 124891.	8.2	66
70	Layer dependent direct tunneling behaviors through two dimensional titania nanosheets. Computational Materials Science, 2020, 173, 109398.	3.0	2
71	Coupling relationship of the non-ideal parallel mechanism using modified Craig-Bampton method. Mechanical Systems and Signal Processing, 2020, 141, 106471.	8.0	6
72	A mathematical model of biomass downdraft gasification with an integrated pyrolysis model. Fuel, 2020, 265, 116867.	6.4	31

#	ARTICLE	IF	CITATIONS
73	Non-isothermal kinetics: best-fitting empirical models instead of model-free methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1043-1054.	3.6	8
74	Engineering grain boundaries at the 2D limit for the hydrogen evolution reaction. <i>Nature Communications</i> , 2020, 11, 57.	12.8	153
75	A universal strategy to separate hydrophilic hybrid-light carbon quantum dots using pure water as eluent. <i>Applied Materials Today</i> , 2020, 18, 100528.	4.3	10
76	The application of rapid handheld FTIR petroleum hydrocarbon-contaminant measurement with transport models for site assessment: A case study. <i>Geoderma</i> , 2020, 361, 114017.	5.1	15
77	Robust and Fast Temperature Extraction for Brillouin Optical Time-Domain Analyzer by Using Denoising Autoencoder-Based Deep Neural Networks. <i>IEEE Sensors Journal</i> , 2020, 20, 3614-3620.	4.7	19
78	Full-color fluorescent carbon quantum dots. <i>Science Advances</i> , 2020, 6, .	10.3	344
79	A New Approach for Measuring the Resilience of Transport Infrastructure Networks. <i>Complexity</i> , 2020, 2020, 1-16.	1.6	4
80	Inference of person-to-person transmission of COVID-19 reveals hidden super-spreading events during the early outbreak phase. <i>Nature Communications</i> , 2020, 11, 5006.	12.8	80
81	Improve dielectric properties of Lamellar Calcium Niobate ceramics by spark plasma sintering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 729, 012011.	0.6	0
82	Sustainable Synthesis of Na-Doped Hollow Porous Carbon Spheres via a Spray-Drying Method for Lithium-Sulfur Storage with Ultralong Cycle Life. <i>Batteries and Supercaps</i> , 2020, 3, 1201-1208.	4.7	25
83	Blockchain-Based Diversion-Point System for Balancing Customer Flow in Shopping Mall. <i>Symmetry</i> , 2020, 12, 1946.	2.2	4
84	Measuring the Resilience of China Railway Network. , 2020, , .		2
85	Empirical Kinetic Models for the Combustion of Charcoals and Biomasses in the Kinetic Regime. <i>Energy &amp; Fuels</i> , 2020, 34, 16302-16309.	5.1	5
86	Rational Design of Ni-Based Electrocatalysts by Modulation of Iron Ions and Carbon Nanotubes for Enhanced Oxygen Evolution Reaction. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000227.	5.3	4
87	Two dimensionalization induced enhancing dielectric anisotropy of titania. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155699.	5.5	0
88	Efficient point-of-interest recommendation with hierarchical attention mechanism. <i>Applied Soft Computing Journal</i> , 2020, 96, 106536.	7.2	15
89	Effect of Torrefaction on Properties of Pellets Produced from Woody Biomass. <i>Energy &amp; Fuels</i> , 2020, 34, 15343-15354.	5.1	40
90	Identifying the Impact Factors of BIM Cross-Organizational Collaborative Innovation. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
91	Biomass-derived nanocarbon materials for biological applications: challenges and prospects. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9668-9678.	5.8	16
92	Machine-Learning-Driven Synthesis of Carbon Dots with Enhanced Quantum Yields. <i>ACS Nano</i> , 2020, 14, 14761-14768.	14.6	143
93	Targeted delivery of miR-99b reprograms tumor-associated macrophage phenotype leading to tumor regression. , 2020, 8, e000517.		37
94	Pollutant Formation and Control during Fuel Thermochemical Conversion. <i>Journal of Chemistry</i> , 2020, 2020, 1-2.	1.9	0
95	Factors Influencing BIM Adoption for Construction Enterprises in China. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15.	0.7	8
96	Emission characteristics of particulate matters from a 30ÂMW biomass-fired power plant in China. <i>Renewable Energy</i> , 2020, 155, 225-236.	8.9	25
97	Effects of Pyrolysis Conditions and Feedstocks on the Properties and Gasification Reactivity of Charcoal from Woodchips. <i>Energy &amp; Fuels</i> , 2020, 34, 8353-8365.	5.1	36
98	Sorghum-Waste-Derived High-Surface Area KOH-Activated Porous Carbon for Highly Efficient Methylene Blue and Pb(II) Removal. <i>ACS Omega</i> , 2020, 5, 13548-13556.	3.5	29
99	White luminescent single-crystalline chlorinated graphene quantum dots. <i>Nanoscale Horizons</i> , 2020, 5, 928-933.	8.0	47
100	Comparative genomic analysis reveals an "open" pan-genome of African swine fever virus. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1553-1562.	3.0	22
101	Assets of origin? Chinese multinational enterprises amidst the Belt and Road Initiative. <i>Thunderbird International Business Review</i> , 2020, 62, 233-238.	1.8	7
102	Platinum nanoparticles with TiO <sub>2</sub> "skin" as a durable catalyst for photoelectrochemical methanol oxidation and electrochemical oxygen reduction reactions. <i>Electrochimica Acta</i> , 2020, 343, 136119.	5.2	16
103	Inkjet printing multilayer OLEDs with high efficiency based on the blurred interface. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 355105.	2.8	13
104	Learn to Compress CSI and Allocate Resources in Vehicular Networks. <i>IEEE Transactions on Communications</i> , 2020, 68, 3640-3653.	7.8	32
105	Fabrication of oxygen-vacancy-rich black-BiOBr/BiOBr heterojunction with enhanced photocatalytic activity. <i>Journal of Materials Science</i> , 2020, 55, 10785-10795.	3.7	21
106	Flexible touch sensor fabricated by double-sided nanoimprint lithography metal transfer. <i>Nanotechnology</i> , 2020, 31, 315302.	2.6	6
107	A Clifford Analytic Signal-Based Breast Lesion Segmentation Method for 4D Spatial-Temporal DCE-MRI Sequences. <i>IEEE Access</i> , 2020, 8, 3901-3910.	4.2	3
108	Metal mesh electrode array fabricated by plate-to-roll nanoimprint lithography. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	1

#	ARTICLE	IF	CITATIONS
109	Energy minimisation-based multi-class multi-instance geometric primitives extraction from 3D point clouds. IET Image Processing, 2020, 14, 2660-2667.	2.5	3
110	Epidemiological Model Suggests D614G Spike Protein Mutation Accelerates Transmission of COVID-19 " Worldwide, 2020. China CDC Weekly, 2020, 2, 946-947.	2.3	5
111	The value of 2D speckle-tracking strain echocardiography in evaluating the relationship between carotid elasticity and left ventricular systolic function in patients with diabetic nephropathy. Insights Into Imaging, 2020, 11, 95.	3.4	2
112	Unidirectional propagation of electrically driven surface plasmon polaritons: a numerical study. Nanotechnology, 2020, 31, 455207.	2.6	1
113	Extraction of Multi-class Multi-instance Geometric Primitives from Point Clouds Using Energy Minimization. Lecture Notes in Computer Science, 2020, , 279-290.	1.3	1
114	UDenseNet: A Universal Dense Convolutional Network for Image Recognition. Lecture Notes in Computer Science, 2020, , 209-221.	1.3	1
115	Localized surface plasmon mode-enhanced spectrum-tunable radiation in electrically driven plasmonic antennas. Optics Letters, 2020, 45, 5506.	3.3	2
116	Recent progress in the development of carbon quantum dots for cell imaging. Oxford Open Materials Science, 2020, 1, .	1.8	1
117	A novel additive manufactured three-dimensional piezoelectric transducer: Systematic modeling and experimental validation. Mechanical Systems and Signal Processing, 2019, 114, 346-365.	8.0	52
118	Built environment and management: exploring grand challenges and management issues in built environment. Frontiers of Engineering Management, 2019, 6, 313-326.	6.1	13
119	A novel piezoelectric actuated underwater robotic finger. Smart Materials and Structures, 2019, 28, 105047.	3.5	19
120	Sustainable Synthesis of Bright Green Fluorescent Nitrogen-Doped Carbon Quantum Dots from Alkali Lignin. ChemSusChem, 2019, 12, 4202-4210.	6.8	92
121	Realization of Nanostroke with a Violet-Light-Emitting Device with High Monochromaticity. ACS Applied Nano Materials, 2019, 2, 4804-4809.	5.0	3
122	Application of Ion Selective Electrode array to simultaneously determinate multi-free ions in solution. Environmental Technology and Innovation, 2019, 15, 100424.	6.1	9
123	Self-gating in semiconductor electrocatalysis. Nature Materials, 2019, 18, 1098-1104.	27.5	167
124	Deep plasmonic direct writing lithography with ENZ metamaterials and nanoantenna. Nanotechnology, 2019, 30, 425303.	2.6	9
125	A gradient-based optical-flow cardiac motion estimation method for cine and tagged MR images. Medical Image Analysis, 2019, 57, 136-148.	11.6	9
126	Automatic Breast Volume Scanner versus Handheld Ultrasound in Differentiation of Benign and Malignant Breast Lesions: A Systematic Review and Meta-analysis. Ultrasound in Medicine and Biology, 2019, 45, 1874-1881.	1.5	13

#	ARTICLE	IF	CITATIONS
127	Analysis of optimal temperature, pressure and binder quantity for the production of biocarbon pellet to be used as a substitute for coke. <i>Applied Energy</i> , 2019, 256, 113933.	10.1	64
128	Effect of fuel mixing on melting behavior of spruce wood ash. <i>Energy Procedia</i> , 2019, 158, 1342-1347.	1.8	5
129	Study on Life-Cycle Information Management of Prefabricated Components. , 2019, , .		0
130	An evaluation of effects of operational parameters on NOx emissions through detailed chemical kinetics simulations. <i>Energy Procedia</i> , 2019, 158, 103-110.	1.8	3
131	Tunable Light Emission by Electrically Excited Plasmonic Antenna. <i>ACS Photonics</i> , 2019, 6, 2392-2396.	6.6	23
132	Hierarchical construction of high-performance all-carbon flexible fiber supercapacitors with graphene hydrogel and nitrogen-doped graphene quantum dots. <i>Carbon</i> , 2019, 154, 410-419.	10.3	58
133	Histone Modifications Regulate Chromatin Compartmentalization by Contributing to a Phase Separation Mechanism. <i>Molecular Cell</i> , 2019, 76, 646-659.e6.	9.7	250
134	Multinode Bilateral Control Model. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 4066-4078.	5.7	5
135	Semi-analytical modeling and optimization of a traveling wave sandwich piezoelectric transducer with a beam-ring combined structure. <i>Mechanical Systems and Signal Processing</i> , 2019, 122, 171-191.	8.0	30
136	Neurotrophin-3 acts on the endothelial-mesenchymal transition of heterotopic ossification in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2595-2609.	3.6	32
137	High-Lithium-Affinity Chemically Exfoliated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2019, 31, e1901640.	21.0	217
138	RNA Targets Ribogenesis Factor WDR43 to Chromatin for Transcription and Pluripotency Control. <i>Molecular Cell</i> , 2019, 75, 102-116.e9.	9.7	43
139	Synthesis of Benzothiophene-Fused Oxa[6.6.5]tricyclic Skeletons through a Cinchonidine- or NaOH-Promoted Quadruple Domino Sequence. <i>Chemistry - A European Journal</i> , 2019, 25, 9665-9669.	3.3	8
140	Effect of pyrolysis upgrading temperature on particulate matter emissions from lignite semi-char combustion. <i>Energy Conversion and Management</i> , 2019, 195, 384-391.	9.2	22
141	Nanocarbon materials in water disinfection: state-of-the-art and future directions. <i>Nanoscale</i> , 2019, 11, 9819-9839.	5.6	35
142	Arabidopsis FLL2 promotes liquid-liquid phase separation of polyadenylation complexes. <i>Nature</i> , 2019, 569, 265-269.	27.8	196
143	Synergistic effect of biomass and polyurethane waste co-pyrolysis on soot formation at high temperatures. <i>Journal of Environmental Management</i> , 2019, 239, 306-315.	7.8	32
144	Distribution characteristics and ecological evaluation of chlorobenzene compounds in surface sediment of the Maowei Sea, Guangxi, China. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 309.	2.7	2

#	ARTICLE	IF	CITATIONS
145	Yellow fluorescent graphene quantum dots as a phosphor for white tunable light-emitting diodes. RSC Advances, 2019, 9, 9301-9307.	3.6	27
146	Graphene-Encapsulated CuP <sub>2</sub> : A Promising Anode Material with High Reversible Capacity and Superior Rate-Performance for Sodium-Ion Batteries. Nano Letters, 2019, 19, 2575-2582.	9.1	60
147	Dynamics investigation of spatial parallel mechanism considering rod flexibility and spherical joint clearance. Mechanism and Machine Theory, 2019, 137, 83-107.	4.5	35
148	Pyrolysis of Untreated and Various Torrefied Stem Wood, Stump, and Bark of Norway Spruce. Energy & Fuels, 2019, 33, 3210-3220.	5.1	6
149	2D visible-light-driven TiO <sub>2</sub> @Ti <sub>3</sub> C <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> ternary heterostructure for high photocatalytic activity. Journal of Materials Science, 2019, 54, 9385-9396.	3.7	106
150	Effect of Processing Conditions on the Constant-Volume Carbonization of Biomass. Energy & Fuels, 2019, 33, 2219-2235.	5.1	12
151	Ellipsoidal mirror dark-field scanning for detection of circulating tumor cells. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	0
152	Temperature dependent geometry in perovskite microcrystals for whispering gallery and Fabry-Pérot mode lasing. Journal of Materials Chemistry C, 2019, 7, 4102-4108.	5.5	18
153	Optical Fiber Humidity Sensor Based on Water Absorption Peak Near 2-¼m Waveband. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	15
154	Latent heat storage for centralized heating system in a ZEB living laboratory: integration and design. IOP Conference Series: Earth and Environmental Science, 2019, 352, 012042.	0.3	4
155	Lung ultrasonography versus chest radiography for the diagnosis of pediatric community acquired pneumonia in emergency department: a meta-analysis. Journal of Thoracic Disease, 2019, 11, 5107-5114.	1.4	10
156	Rational Design of Oxygen-Enriched Carbon Dots with Efficient Room-Temperature Phosphorescent Properties and High-Tech Security Protection Application. ACS Sustainable Chemistry and Engineering, 2019, 7, 19918-19924.	6.7	47
157	Flexible devices fabricated by a plate-to-roll nanoimprint lithography system. Nanotechnology, 2019, 30, 075301.	2.6	8
158	PPy-encapsulated SnS <sub>2</sub> Nanosheets Stabilized by Defects on a TiO <sub>2</sub> Support as a Durable Anode Material for Lithium-Ion Batteries. Angewandte Chemie, 2019, 131, 821-825.	2.0	28
159	Plant HP1 protein ADCP1 links multivalent H3K9 methylation readout to heterochromatin formation. Cell Research, 2019, 29, 54-66.	12.0	83
160	Pancreatic Acinar-to-Ductal Metaplasia and Pancreatic Cancer. Methods in Molecular Biology, 2019, 1882, 299-308.	0.9	31
161	Application of infrared spectrum for rapid classification of dominant petroleum hydrocarbon fractions for contaminated site assessment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 183-188.	3.9	7
162	Assembly of pi-functionalized quaternary ammonium compounds with graphene hydrogel for efficient water disinfection. Journal of Colloid and Interface Science, 2019, 535, 149-158.	9.4	41

#	ARTICLE	IF	CITATIONS
163	Ultrasound-Diagnosed Nonalcoholic Fatty Liver Disease Independently Predicts a Higher Risk of Developing Diabetes Mellitus in Nonoverweight Individuals. <i>Academic Radiology</i> , 2019, 26, 863-868.	2.5	13
164	Social Structure of Regional Entrepreneurship: The Impacts of Collective Action of Incumbents on <i>De Novo</i> Entrants. <i>Entrepreneurship Theory and Practice</i> , 2019, 43, 855-879.	10.2	11
165	Deep neural networks assisted BOTDA for simultaneous temperature and strain measurement with enhanced accuracy. <i>Optics Express</i> , 2019, 27, 2530.	3.4	50
166	Long-distance BOTDA sensing systems using video-BM3D denoising for both static and slowly varying environment. <i>Optics Express</i> , 2019, 27, 36100.	3.4	15
167	40-nm thick photoresist-compatible plasmonic nanolithography using a bowtie aperture combined with a metal-insulator-metal structure. <i>Optics Letters</i> , 2019, 44, 783.	3.3	7
168	Near field optical lithography using ultra-small gap bowtie apertures. , 2019, , .		0
169	Hybridized plasmonic modes and Fabry-Perot effect in nanoscale bowtie aperture waveguide. <i>Optics Express</i> , 2019, 27, 17221.	3.4	1
170	Effects of cropping patterns of four plants on the phytoremediation of vanadium-containing synthetic wastewater. <i>Ecological Engineering</i> , 2018, 115, 27-34.	3.6	18
171	Wave Equation of Suppressed Traffic Flow Instabilities. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 2955-2964.	8.0	23
172	Graphene Materials in Antimicrobial Nanomedicine: Current Status and Future Perspectives. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701406.	7.6	166
173	Bat-Origin Coronaviruses Expand Their Host Range to Pigs. <i>Trends in Microbiology</i> , 2018, 26, 466-470.	7.7	52
174	Synthesis of graphene quantum dot/metal-organic framework nanocomposites as yellow phosphors for white light-emitting diodes. <i>New Journal of Chemistry</i> , 2018, 42, 5083-5089.	2.8	56
175	Machine Vision to Alert Roadside Personnel of Night Traffic Threats. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 3245-3254.	8.0	1
176	The impacts of spatial positioning on regional new venture creation and firm mortality over the industry life cycle. <i>Journal of Business Research</i> , 2018, 86, 41-52.	10.2	7
177	Efficient absorption of ibuprofen in aqueous solution using eco-friendly C3N4/soot composite. <i>Journal of Materials Science</i> , 2018, 53, 5929-5941.	3.7	16
178	Antimicrobial graphene materials: the interplay of complex materials characteristics and competing mechanisms. <i>Biomaterials Science</i> , 2018, 6, 766-773.	5.4	37
179	Reference Conditions and Substructuring Techniques in Flexible Multibody System Dynamics. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	1.2	11
180	Investigation on Ash Slagging Characteristics During Combustion of Biomass Pellets and Effect of Additives. <i>Energy &amp; Fuels</i> , 2018, 32, 4442-4452.	5.1	35

#	ARTICLE	IF	CITATIONS
181	A solvent-engineered molecule fusion strategy for rational synthesis of carbon quantum dots with multicolor bandgap fluorescence. <i>Carbon</i> , 2018, 130, 153-163.	10.3	132
182	CO <sub>2</sub> Gasification of Chars Prepared by Fast and Slow Pyrolysis from Wood and Forest Residue: A Kinetic Study. <i>Energy &amp; Fuels</i> , 2018, 32, 588-597.	5.1	13
183	Identification of novel KMT2D mutations in two Chinese children with Kabuki syndrome: a case report and systematic literature review. <i>BMC Medical Genetics</i> , 2018, 19, 31.	2.1	14
184	Three Minute Ultrarapid Microwave-Assisted Synthesis of Bright Fluorescent Graphene Quantum Dots for Live Cell Staining and White LEDs. <i>ACS Applied Nano Materials</i> , 2018, 1, 1623-1630.	5.0	81
185	NIR-responsive carbon dots for efficient photothermal cancer therapy at low power densities. <i>Carbon</i> , 2018, 134, 153-162.	10.3	175
186	Ultrastable Amine, Sulfo Cofunctionalized Graphene Quantum Dots with High Two-Photon Fluorescence for Cellular Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4711-4716.	6.7	45
187	Analyzing collaborative relationships among industrialized construction technology innovation organizations: A combined SNA and SEM approach. <i>Journal of Cleaner Production</i> , 2018, 173, 265-277.	9.3	87
188	Collaborative innovation in construction project: A social network perspective. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 417-427.	1.9	46
189	Isolation of vanadium-resistance endophytic bacterium PRE01 from <i>Pteris vittata</i> in stone coal smelting district and characterization for potential use in phytoremediation. <i>Journal of Hazardous Materials</i> , 2018, 341, 1-9.	12.4	72
190	Exploring the science of resilience: critical review and bibliometric analysis. <i>Natural Hazards</i> , 2018, 90, 477-510.	3.4	63
191	The Role of CD44 and Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2018, 1692, 31-42.	0.9	138
192	Smartphone app-based/portable sensor for the detection of fluoro-surfactant PFOA. <i>Chemosphere</i> , 2018, 191, 381-388.	8.2	59
193	High temperature gasification of high heating-rate chars using a flat-flame reactor. <i>Applied Energy</i> , 2018, 227, 100-107.	10.1	28
194	Enhanced Coherent BOTDA System Without Trace Averaging. <i>Journal of Lightwave Technology</i> , 2018, 36, 871-878.	4.6	26
195	Ultrathin graphene oxide encapsulated in uniform MIL-88A(Fe) for enhanced visible light-driven photodegradation of RhB. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 119-128.	20.2	366
196	Towards a meaningful non-isothermal kinetics for biomass materials and other complex organic samples. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 703-712.	3.6	12
197	Carbonization of Biomass in Constant-Volume Reactors. <i>Energy &amp; Fuels</i> , 2018, 32, 475-489.	5.1	9
198	Copper interactions on arsenic bioavailability and phytotoxicity in soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 738-746.	6.0	16

#	ARTICLE	IF	CITATIONS
199	A novel robotic arm driven by sandwich piezoelectric transducers. <i>Ultrasonics</i> , 2018, 84, 373-381.	3.9	27
200	Boosting the energy storage densities of supercapacitors by incorporating N-doped graphene quantum dots into cubic porous carbon. <i>Nanoscale</i> , 2018, 10, 22871-22883.	5.6	78
201	Exploring the Evolution Trends of Urban Resilience Research. , 2018, , .		1
202	Averaging-free vector Brillouin optical time domain analyzer assisted by reference probe lightwave. <i>Optics Express</i> , 2018, 26, 33993.	3.4	4
203	Enabling Simultaneous DAS and DTS Through Space-Division Multiplexing Based on Multicore Fiber. <i>Journal of Lightwave Technology</i> , 2018, 36, 5707-5713.	4.6	21
204	The Synergistic Effect of Pyridinic Nitrogen and Graphitic Nitrogen of Nitrogen-Doped Graphene Quantum Dots for Enhanced TiO <sub>2</sub> Nanocomposites's™ Photocatalytic Performance. <i>Catalysts</i> , 2018, 8, 438.	3.5	13
205	A Unified Assessment Approach for Urban Infrastructure Sustainability and Resilience. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-19.	0.7	11
206	Boosting ORR Electrocatalytic Performance of Metal-Free Mesoporous Biomass Carbon by Synergism of Huge Specific Surface Area and Ultrahigh Pyridinic Nitrogen Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13807-13812.	6.7	74
207	Value of serial cervical length measurement in prediction of spontaneous preterm birth in post-conization pregnancy without short mid-trimester cervix. <i>Scientific Reports</i> , 2018, 8, 15305.	3.3	3
208	Exploring the Emerging Evolution Trends of Urban Resilience Research by Scientometric Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2181.	2.6	42
209	Distributed Vibration Sensor Based on Space-Division Multiplexed Reflectometer and Interferometer in Multicore Fiber. <i>Journal of Lightwave Technology</i> , 2018, 36, 5764-5772.	4.6	30
210	Novel and emerging innate immune therapeutic targets for pancreatic cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 977-981.	3.4	6
211	Two-Dimensional Titania: Structures and Properties Predicted by First Principle Calculation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22911-22919.	3.1	12
212	Giant Planets around FGK Stars Probably Form through Core Accretion. <i>Astrophysical Journal</i> , 2018, 860, 136.	4.5	5
213	Engineered 3D tumour model for study of glioblastoma aggressiveness and drug evaluation on a detachably assembled microfluidic device. <i>Biomedical Microdevices</i> , 2018, 20, 80.	2.8	17
214	Context-dependent functions of KLF4 in cancers: Could alternative splicing isoforms be the key?. <i>Cancer Letters</i> , 2018, 438, 10-16.	7.2	15
215	Effect of thiophene S on the enhanced ORR electrocatalytic performance of sulfur-doped graphene quantum dot/reduced graphene oxide nanocomposites. <i>RSC Advances</i> , 2018, 8, 19635-19641.	3.6	25
216	Clinical significance of blood-based miRNAs as biomarkers of non-small cell lung cancer (Review). <i>Oncology Letters</i> , 2018, 15, 8915-8925.	1.8	17

#	ARTICLE	IF	CITATIONS
217	Elastic Optical Fiber Fabry-Perot Interferometer for Highly Sensitive AC Magnetic Field Measurement. IEEE Sensors Journal, 2018, 18, 5799-5804.	4.7	10
218	Nitrogen and oxygen co-doped graphene quantum dots with high capacitance performance for micro-supercapacitors. Carbon, 2018, 139, 67-75.	10.3	98
219	Support Vector Machine based Differential Pulse-width Pair Brillouin Optical Time Domain Analyzer. IEEE Photonics Journal, 2018, 10, 1-11.	2.0	21
220	Brillouin optical time domain analyzer sensors assisted by advanced image denoising techniques. Optics Express, 2018, 26, 5126.	3.4	57
221	Optical field manipulation by dual magnetic resonances of a silicon metasurface. Optics Letters, 2018, 43, 3782.	3.3	1
222	Polycondensation of a Perylene Bisimide Derivative and L-Malic Acid as Water-Soluble Conjugates for Fluorescent Labeling of Live Mammalian Cells. Polymers, 2018, 10, 559.	4.5	9
223	Rationally Designed Efficient Dual-Mode Colorimetric/Fluorescence Sensor Based on Carbon Dots for Detection of pH and Cu <sup>2+</sup> Ions. ACS Sustainable Chemistry and Engineering, 2018, 6, 12668-12674.	6.7	96
224	Body Fluids-Derived Exosomes: Paving the Novel Road to Lung Cancer Diagnosis and Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2018, 17, 1734-1740.	1.7	8
225	Characterization of a Novel Calcific Achilles Tendinopathy Model in Mice: Contralateral Tendinopathy Induced by Unilateral Tenotomy. Calcified Tissue International, 2018, 103, 698-707.	3.1	10
226	Exosomal double-stranded DNA as a biomarker for the diagnosis and preoperative assessment of pheochromocytoma and paraganglioma. Molecular Cancer, 2018, 17, 128.	19.2	55
227	Hierarchical 3D All-Carbon Composite Structure Modified with N-Doped Graphene Quantum Dots for High-Performance Flexible Supercapacitors. Small, 2018, 14, e1801498.	10.0	105
228	Size and Substrate Effects Modulating Thermodynamics Properties of Hydrogenation in Pd/Au(111) Studied by Electrochemical PCT Isotherm. Journal of the Electrochemical Society, 2018, 165, A1626-A1629.	2.9	1
229	High fluorescent sulfur regulating graphene quantum dots with tunable photoluminescence properties. Journal of Colloid and Interface Science, 2018, 529, 205-213.	9.4	22
230	Amphiphilic Graphene Quantum Dots as Self-Targeted Fluorescence Probes for Cell Nucleus Imaging. Advanced Biology, 2018, 2, 1700191.	3.0	47
231	Enhanced photocatalytic activity of sulfur-doped graphene quantum dots decorated with TiO <sub>2</sub> nanocomposites. Materials Research Bulletin, 2018, 97, 428-435.	5.2	49
232	Robust in-fiber spatial interferometer using multicore fiber for vibration detection. Optics Express, 2018, 26, 29629.	3.4	20
233	Optical Field Manipulation by Generation of Cylindrically Polarized Beams with Silicon Metasurface., 2018, , .		0
234	Influence of rail flexibility in a wheel/rail wear prediction model. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2017, 231, 57-74.	2.0	22

#	ARTICLE	IF	CITATIONS
235	Effect of the tank car thickness on the nonlinear dynamics of railroad vehicles. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, 231, 3-29.	0.8	1
236	Enhanced pH stability, cell viability and reduced degradation rate of poly(L-lactide)-based composite <i>in vitro</i> : effect of modified magnesium oxide nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 486-503.	3.5	13
237	Microfluidic engineering of neural stem cell niches for fate determination. Biomicrofluidics, 2017, 11, 014106.	2.4	22
238	Graphene quantum dots modified mesoporous graphite carbon nitride with significant enhancement of photocatalytic activity. Applied Catalysis B: Environmental, 2017, 207, 429-437.	20.2	238
239	Integrated electrochemical treatment systems for facilitating the bioremediation of oil spill contaminated soil. Chemosphere, 2017, 175, 294-299.	8.2	26
240	Integration of geometry and analysis for the study of liquid sloshing in railroad vehicle dynamics. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, 231, 608-629.	0.8	13
241	Novel recalibration methodologies for ion-selective electrode arrays in the multi-ion interference scenario. Journal of Chemometrics, 2017, 31, e2870.	1.3	3
242	Coherent BOTDA Using Phase- and Polarization-Diversity Heterodyne Detection and Embedded Digital Signal Processing. IEEE Sensors Journal, 2017, 17, 3728-3734.	4.7	7
243	Interactive effects of PAHs and heavy metal mixtures on oxidative stress in <i>Chlorella</i> sp. MM3 as determined by artificial neural network and genetic algorithm. Algal Research, 2017, 21, 203-212.	4.6	31
244	Gasification of High Heating-rate Biomass-derived Chars at Elevated Temperatures. Energy Procedia, 2017, 105, 642-647.	1.8	0
245	Impact of Torrefaction on Woody Biomass Properties. Energy Procedia, 2017, 105, 1149-1154.	1.8	37
246	Industrial production of ultra-stable sulfonated graphene quantum dots for Golgi apparatus imaging. Journal of Materials Chemistry B, 2017, 5, 5355-5361.	5.8	68
247	A bionic strategy for addressing scale-span issues in all-carbon electrocatalytic systems. Electrochimica Acta, 2017, 245, 318-326.	5.2	6
248	Nonlinear finite element analysis of liquid sloshing in complex vehicle motion scenarios. Journal of Sound and Vibration, 2017, 405, 208-233.	3.9	39
249	Thermal Decomposition Kinetics of Wood and Bark and Their Torrefied Products. Energy & Fuels, 2017, 31, 4024-4034.	5.1	18
250	Assembling nitrogen and oxygen co-doped graphene quantum dots onto hierarchical carbon networks for all-solid-state flexible supercapacitors. Electrochimica Acta, 2017, 235, 561-569.	5.2	78
251	16 nm-resolution lithography using ultra-small-gap bowtie apertures. Nanotechnology, 2017, 28, 055302.	2.6	14
252	A novel sandwich-type traveling wave piezoelectric tracked mobile system. Ultrasonics, 2017, 75, 28-35.	3.9	30

#	ARTICLE	IF	CITATIONS
253	A kinetic study on simultaneously boosting the mass and fixed-carbon yield of charcoal production via atmospheric carbonization. <i>Energy Procedia</i> , 2017, 120, 333-340.	1.8	9
254	Facile conversion of coal tar to orange fluorescent carbon quantum dots and their composite encapsulated by liposomes for bioimaging. <i>New Journal of Chemistry</i> , 2017, 41, 14444-14451.	2.8	30
255	Zinc-arsenic interactions in soil: Solubility, toxicity and uptake. <i>Chemosphere</i> , 2017, 187, 357-367.	8.2	22
256	Scanning near-field lithography with high precision flexure orientation stage control. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	2
257	High level of soluble interleukin-2 receptor in serum predicts treatment resistance and poor progression-free survival in multiple myeloma. <i>Annals of Hematology</i> , 2017, 96, 2079-2088.	1.8	10
258	Release of Potassium During Devolatilization of Spruce Bark. <i>Energy Procedia</i> , 2017, 105, 1295-1301.	1.8	12
259	Fast Hydrothermal Liquefaction of Native and Torrefied Wood. <i>Energy Procedia</i> , 2017, 105, 218-223.	1.8	22
260	Simultaneously Boosting the Mass and Fixed-carbon Yields of Charcoal from Forest Residue via Atmospheric Carbonization. <i>Energy Procedia</i> , 2017, 105, 787-792.	1.8	5
261	Heating Value and Ash Content of Downy Birch Forest Biomass. <i>Energy Procedia</i> , 2017, 105, 1302-1308.	1.8	6
262	Novel Poly(l-lactide)/graphene oxide films with improved mechanical flexibility and antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 344-352.	9.4	33
263	Role of Pyridinic-N for Nitrogen-doped graphene quantum dots in oxygen reaction reduction. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 154-158.	9.4	61
264	Scalable synthesis of organic-soluble carbon quantum dots: superior optical properties in solvents, solids, and LEDs. <i>Nanoscale</i> , 2017, 9, 13195-13202.	5.6	117
265	Techno-Economics of Biocarbon Production Processes under Norwegian Conditions. <i>Energy &amp; Fuels</i> , 2017, 31, 14338-14356.	5.1	6
266	CO <sub>2</sub> Gasification of Charcoals in the Context of Metallurgical Application. <i>Energy Procedia</i> , 2017, 105, 316-321.	1.8	8
267	Simulated solar driven catalytic degradation of psychiatric drug carbamazepine with binary BiVO <sub>4</sub> heterostructures sensitized by graphene quantum dots. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 587-596.	20.2	87
268	Eigenvalue and Eigenvector Analysis of Stability for a Line of Traffic. <i>Studies in Applied Mathematics</i> , 2017, 138, 103-132.	2.4	13
269	The Novel KLF4/MSI2 Signaling Pathway Regulates Growth and Metastasis of Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 687-696.	7.0	67
270	Room-temperature synthesis of graphene quantum dots via electron-beam irradiation and their application in cell imaging. <i>Chemical Engineering Journal</i> , 2017, 309, 374-380.	12.7	81

#	ARTICLE	IF	CITATIONS
271	Performance Evaluation of a Modern Wood Stove Using Charcoal. Energy Procedia, 2017, 142, 192-197.	1.8	9
272	Time-to-Contact control for safety and reliability of self-driving cars. , 2017, , .		6
273	Integration of Geometry and Analysis for the Study of Liquid Sloshing in Vehicle System Dynamics. , 2017, , .		0
274	Recovering the Manhattan Frame from a single RGB-D image by using orientation relevance. , 2017, , .		2
275	Evaluating Urban Sustainable Development Using Cloud Model. , 2017, , .		1
276	Effect of carbonization conditions on CO <sub>2</sub> gasification reactivity of biocarbon. Energy Procedia, 2017, 142, 932-937.	1.8	13
277	Characterization of ash deposits from municipal solid waste (MSW) incineration plants. Energy Procedia, 2017, 142, 630-635.	1.8	10
278	Study of CO <sub>2</sub> gasification reactivity of biocarbon produced at different conditions. Energy Procedia, 2017, 142, 991-996.	1.8	8
279	Highly Sensitive Small Pressure Monitoring Using Hyperelastic Silicone-Cladding/Silica-Core Composite Optical Fiber. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	12
280	Support vector machine assisted BOTDA utilizing combined Brillouin gain and phase information for enhanced sensing accuracy. Optics Express, 2017, 25, 31210.	3.4	30
281	The Sustainability and Resilience of Infrastructure: Critical Review and Prospects. , 2017, , .		0
282	Blockchain-Based Government Information Resource Sharing. , 2017, , .		21
283	Metallic 1T MoS <sub>2</sub> nanosheet arrays vertically grown on activated carbon fiber cloth for enhanced Li-ion storage performance. Journal of Materials Chemistry A, 2017, 5, 14061-14069.	10.3	232
284	ARHI is a novel epigenetic silenced tumor suppressor in sporadic pheochromocytoma. Oncotarget, 2017, 8, 86325-86338.	1.8	3
285	THE PAN-PACIFIC PLANET SEARCH. VI. GIANT PLANETS ORBITING HD 86950 AND HD 222076. Astronomical Journal, 2017, 153, 51.	4.7	48
286	A PAIR OF GIANT PLANETS AROUND THE EVOLVED INTERMEDIATE-MASS STAR HD 47366: MULTIPLE CIRCULAR ORBITS OR A MUTUALLY RETROGRADE CONFIGURATION. Astrophysical Journal, 2016, 819, 59.	4.5	35
287	Dynamics of Flexible Body Negotiating a Curve. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	1.2	1
288	Adsorptive removal of methylene blue by CuO-acid modified sepiolite as effective adsorbent and its regeneration with high-temperature gas stream. Water Science and Technology, 2016, 74, 844-851.	2.5	0

#	ARTICLE	IF	CITATIONS
289	Resonant Effects in Nanoscale Bowtie Apertures. <i>Scientific Reports</i> , 2016, 6, 27254.	3.3	11
290	Ultrafast spontaneous emission modulation of graphene quantum dots interacting with Ag nanoparticles in solution. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	5
291	KLF4 Is Essential for Induction of Cellular Identity Change and Acinar-to-Ductal Reprogramming during Early Pancreatic Carcinogenesis. <i>Cancer Cell</i> , 2016, 29, 324-338.	16.8	123
292	Amine-enriched Graphene Quantum Dots for High-pseudocapacitance Supercapacitors. <i>Electrochimica Acta</i> , 2016, 208, 260-266.	5.2	60
293	Predicting copper phytotoxicity based on pore-water pCu. <i>Ecotoxicology</i> , 2016, 25, 481-490.	2.4	11
294	Facile synthesis of fluorescent graphene quantum dots from coffee grounds for bioimaging and sensing. <i>Chemical Engineering Journal</i> , 2016, 300, 75-82.	12.7	208
295	Single ZnO nanowire ultraviolet detector with free-recovered contact performance. <i>Chemical Physics Letters</i> , 2016, 654, 37-40.	2.6	4
296	CALIBRATION OF LAMOST STELLAR SURFACE GRAVITIES USING THE KEPLER ASTEROSEISMIC DATA. <i>Astronomical Journal</i> , 2016, 152, 6.	4.7	22
297	Energy-based automatic recognition of multiple spheres in three-dimensional point cloud. <i>Pattern Recognition Letters</i> , 2016, 83, 287-293.	4.2	8
298	Experimental Study on Charcoal Production from Woody Biomass. <i>Energy &amp; Fuels</i> , 2016, 30, 7994-8008.	5.1	29
299	Fabrication of ZnO nanowires array with nanodiamond as reductant. <i>RSC Advances</i> , 2016, 6, 96479-96483.	3.6	5
300	Long range hybrid tube-wedge plasmonic waveguide with extreme light confinement and good fabrication error tolerance. <i>Optics Express</i> , 2016, 24, 3432.	3.4	15
301	Simultaneously determining multi-metal ions using an ion selective electrode array system. <i>Environmental Technology and Innovation</i> , 2016, 6, 165-176.	6.1	17
302	Estimation of cardiac motion in cine-MRI sequences by correlation transform optical flow of monogenic features distance. <i>Physics in Medicine and Biology</i> , 2016, 61, 8640-8663.	3.0	8
303	Predicting plant uptake of cadmium: validated with long-term contaminated soils. <i>Ecotoxicology</i> , 2016, 25, 1563-1574.	2.4	23
304	Comprehensive Compositional Study of Torrefied Wood and Herbaceous Materials by Chemical Analysis and Thermoanalytical Methods. <i>Energy &amp; Fuels</i> , 2016, 30, 8019-8030.	5.1	24
305	Facile Synthesis of Silver Bromide-Based Nanomaterials and Their Efficient and Rapid Selective Adsorption Mechanisms Toward Anionic Dyes. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4617-4625.	6.7	44
306	CO <sub>2</sub> gasification of charcoals produced at various pressures. <i>Fuel Processing Technology</i> , 2016, 152, 207-214.	7.2	25

#	ARTICLE	IF	CITATIONS
307	Numerical and experimental study of near-field scanning optical lithography using nanoscale bowtie apertures with ultrasmall gap size. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2016, 15, 031611.	0.9	2
308	Development of next-generation nanolithography methods to break the optical diffraction limit. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
309	High-efficiency piezoelectric micro harvester for collecting low-frequency mechanical energy. <i>Nanotechnology</i> , 2016, 27, 485402.	2.6	6
310	Pore-Water Carbonate and Phosphate As Predictors of Arsenate Toxicity in Soil. <i>Environmental Science &amp; Technology</i> , 2016, 50, 13062-13069.	10.0	15
311	Isothermal and non-isothermal kinetic study on CO <sub>2</sub> gasification of torrefied forest residues. <i>Biomass and Bioenergy</i> , 2016, 91, 175-185.	5.7	34
312	Charcoal "Mines" in the Norwegian Woods. <i>Energy &amp; Fuels</i> , 2016, 30, 7959-7970.	5.1	9
313	A convex relaxation optimization algorithm for multi-camera calibration with 1D objects. <i>Neurocomputing</i> , 2016, 215, 82-89.	5.9	22
314	Biomass Pyrolysis in Sealed Vessels. Fixed-Carbon Yields from Avicel Cellulose That Realize the Theoretical Limit. <i>Energy &amp; Fuels</i> , 2016, 30, 480-491.	5.1	17
315	Efficient photocatalytic degradation of ibuprofen in aqueous solution using novel visible-light responsive graphene quantum dot/AgVO <sub>3</sub> nanoribbons. <i>Journal of Hazardous Materials</i> , 2016, 312, 298-306.	12.4	89
316	Combustion Characteristics of Biomass Charcoals Produced at Different Carbonization Conditions: A Kinetic Study. <i>Energy &amp; Fuels</i> , 2016, 30, 3186-3197.	5.1	15
317	Investigation of rye straw ash sintering characteristics and the effect of additives. <i>Applied Energy</i> , 2016, 162, 1195-1204.	10.1	70
318	Binder-Free Graphene Organogels as Cost-Efficient Counter Electrodes for Dye-sensitized Solar Cells. <i>Electrochimica Acta</i> , 2016, 191, 946-953.	5.2	16
319	ANCF Analysis of Textile Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, ,	1.2	5
320	Copper-complexed clay/poly-acrylic acid composites: Extremely efficient adsorbents of ammonia gas. <i>Applied Clay Science</i> , 2016, 121-122, 154-161.	5.2	19
321	Perylene bisimide-incorporated water-soluble polyurethanes for living cell fluorescence labeling. <i>Polymer</i> , 2016, 82, 172-180.	3.8	14
322	Applications of acoustic radiation force impulse quantification in chronic kidney disease: a review. <i>Ultrasonography</i> , 2016, 35, 302-308.	2.3	20
323	THE PAN-PACIFIC PLANET SEARCH. IV. TWO SUPER-JUPITERS IN A 3:5 RESONANCE ORBITING THE GIANT STAR HD 33844. <i>Astrophysical Journal</i> , 2016, 818, 35.	4.5	48
324	Characterization of Ashes from Pinus Sylvestris forest Biomass. <i>Energy Procedia</i> , 2015, 75, 186-191.	1.8	26

#	ARTICLE	IF	CITATIONS
325	An SEM-EDX Study of Forest Residue Chars Produced at High Temperatures and High Heating Rate. Energy Procedia, 2015, 75, 226-231.	1.8	4
326	A Total Lagrangian ANCF Liquid Sloshing Approach for Multibody System Applications. , 2015, , .		0
327	Analysis of Tank Car Deformations Using Multibody Systems and Finite Element Algorithms. , 2015, , .		2
328	A Total Lagrangian ANCF Liquid Sloshing Approach for Multibody System Applications. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	21
329	Use of ANCF Finite Elements in MBS Textile Applications. , 2015, , .		0
330	Palladium and silver abundances in stars with $[Fe/H] \leq -2.6$ . Astronomy and Astrophysics, 2015, 579, A8.	5.1	5
331	Low Order Continuum-Based Liquid Sloshing Formulation for Vehicle System Dynamics. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	13
332	Creating micro-structured hydrogel-forming polymer films by photopolymerization in an evaporating solvent: Compositional and morphological evolutions. European Polymer Journal, 2015, 66, 99-107.	5.4	14
333	Effect of Torrefaction on Physical Properties and Conversion Behavior of High Heating Rate Char of Forest Residue. Energy & Fuels, 2015, 29, 177-184.	5.1	29
334	Hindered Nanoparticle Diffusion and Void Accessibility in a Three-Dimensional Porous Medium. ACS Nano, 2015, 9, 2148-2156.	14.6	80
335	Radiolysis route to Pt nanodendrites with enhanced comprehensive electrocatalytic performances for methanol oxidation. Catalysis Communications, 2015, 62, 14-18.	3.3	6
336	THE PAN-PACIFIC PLANET SEARCH. II. CONFIRMATION OF A TWO-PLANET SYSTEM AROUND HD 121056. Astrophysical Journal, 2015, 800, 74.	4.5	35
337	SPECTROSCOPIC ANALYSIS OF METAL-POOR STARS FROM LAMOST: EARLY RESULTS. Astrophysical Journal, 2015, 798, 110.	4.5	62
338	Experimental and Modeling Study of the Effect of Torrefaction on the Rapid Devolatilization of Biomass. Energy & Fuels, 2015, 29, 4328-4338.	5.1	27
339	Analytic signal phase-based myocardial motion estimation in tagged MRI sequences by a bilinear model and motion compensation. Medical Image Analysis, 2015, 24, 149-162.	11.6	10
340	Porous structure diamond films with super-hydrophilic performance. Diamond and Related Materials, 2015, 56, 36-41.	3.9	17
341	Application of mathematical models and genetic algorithm to simulate the response characteristics of an ion selective electrode array for system recalibration. Chemometrics and Intelligent Laboratory Systems, 2015, 144, 24-30.	3.5	9
342	ASTEROSEISMIC-BASED ESTIMATION OF THE SURFACE GRAVITY FOR THE LAMOST GIANT STARS. Astrophysical Journal, 2015, 807, 4.	4.5	49

#	ARTICLE	IF	CITATIONS
343	In situ UV nano-imprint lithography alignment using high contrast mark. <i>Optics Express</i> , 2015, 23, 18518.	3.4	4
344	Graphene quantum dots assisted photovoltage and efficiency enhancement in CdSe quantum dot sensitized solar cells. <i>Journal of Energy Chemistry</i> , 2015, 24, 722-728.	12.9	22
345	A three-dimensional interconnected hierarchical FeOOH/TiO <sub>2</sub> /ZnO nanostructural photoanode for enhancing the performance of photoelectrochemical water oxidation. <i>Nanoscale</i> , 2015, 7, 19178-19183.	5.6	50
346	Catalyst-Free, Selective Growth of ZnO Nanowires on SiO <sub>2</sub> by Chemical Vapor Deposition for Transfer-Free Fabrication of UV Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20264-20271.	8.0	69
347	Efficient Separation of Electron-Hole Pairs in Graphene Quantum Dots by TiO <sub>2</sub> Heterojunctions for Dye Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2405-2413.	6.7	244
348	Novel methodologies for automatically and simultaneously determining BTEX components using FTIR spectra. <i>Talanta</i> , 2015, 144, 1104-1110.	5.5	12
349	Application of neural networks with novel independent component analysis methodologies to a Prussian blue modified glassy carbon electrode array. <i>Talanta</i> , 2015, 131, 395-403.	5.5	13
350	Hippo transducer TAZ promotes epithelial mesenchymal transition and supports pancreatic cancer progression. <i>Oncotarget</i> , 2015, 6, 35949-35963.	1.8	49
351	Line profile analysis of an astronomical spectrograph with a laser frequency comb. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 1037-1045.	1.7	1
352	Sintering of Rye Straw Ash and Effect of Additives. <i>Energy Procedia</i> , 2014, 61, 2008-2011.	1.8	8
353	Myocardial motion estimation using optical flow with multiple constraint equations. , 2014, , .		2
354	Research of Soil Layers Amplification Effect Based on Strong Seismic Records and Calculations. <i>Applied Mechanics and Materials</i> , 2014, 580-583, 1604-1608.	0.2	1
355	Voltammetric Determination of Lead (II) and Cadmium (II) Using a Bismuth Film Electrode Modified with Mesoporous Silica Nanoparticles. <i>Electrochimica Acta</i> , 2014, 132, 223-229.	5.2	74
356	Application of neural networks with novel independent component analysis methodologies for the simultaneous determination of cadmium, copper, and lead using an ISE array. <i>Journal of Chemometrics</i> , 2014, 28, 491-498.	1.3	8
357	Nano-Size Effect of Hyperbranched Polyglycerol-Grafted Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Soft Materials</i> , 2014, 12, 306-314.	1.7	6
358	Gram-scale synthesis of single-crystalline graphene quantum dots with superior optical properties. <i>Nature Communications</i> , 2014, 5, 5357.	12.8	750
359	Investigation of Biomass Ash Sintering Characteristics and the Effect of Additives. <i>Energy &amp; Fuels</i> , 2014, 28, 208-218.	5.1	68
360	C-axis preferentially oriented and fully activated TiO <sub>2</sub> nanotube arrays for lithium ion batteries and supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11454-11464.	10.3	75

#	ARTICLE	IF	CITATIONS
361	Assessment of renal tissue elasticity by acoustic radiation force impulse quantification with histopathological correlation: preliminary experience in chronic kidney disease. <i>European Radiology</i> , 2014, 24, 1694-1699.	4.5	91
362	Anodic stripping voltammetric determination of traces of Pb(II) and Cd(II) using a glassy carbon electrode modified with bismuth nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 1199-1206.	5.0	57
363	Characterisation of CO/NO/SO <sub>2</sub> emission and ash-forming elements from the combustion and pyrolysis process. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 1339-1351.	4.1	17
364	Determination of Trace Lead and Cadmium in Water Samples by Anodic Stripping Voltammetry with a Nafion <sup>®</sup> -Ionic Liquid <sup>®</sup> -Coated Bismuth Film Electrode. <i>Electroanalysis</i> , 2014, 26, 639-647.	2.9	14
365	Surface Properties and Chemical Composition of Corncob and Miscanthus Biochars: Effects of Production Temperature and Method. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3791-3799.	5.2	129
366	Investigation of additives for preventing ash fouling and sintering during barley straw combustion. <i>Applied Thermal Engineering</i> , 2014, 70, 1262-1269.	6.0	51
367	Mechanisms of the initial steps in the Pd electro-deposition onto Au(111). <i>Electrochimica Acta</i> , 2014, 135, 594-603.	5.2	9
368	Non-covalent synthesis of thermo-responsive graphene oxide <sup>®</sup> -perylene bisimides-containing poly(N-isopropylacrylamide) hybrid for organic pigment removal. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 121-128.	9.4	28
369	Low Order Continuum-Based Liquid Sloshing Formulation for Vehicle System Dynamics. , 2014, , .		0
370	Ag plasmonic enhancement of visible-light photoelectrocatalytic activity for defect-sensitized TiO <sub>2</sub> nanotube arrays. <i>Materials Letters</i> , 2013, 100, 82-85.	2.6	7
371	Use of nanoimprinted surface patterns to mitigate colloidal deposition on ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2013, 428, 598-607.	8.2	120
372	Nearly monodisperse graphene quantum dots fabricated by amine-assisted cutting and ultrafiltration. <i>Nanoscale</i> , 2013, 5, 12098.	5.6	73
373	One-pot reaction for the large-scale synthesis of hyperbranched polyglycerol-grafted Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Dalton Transactions</i> , 2013, 42, 13642.	3.3	7
374	Influence of sub-micron surface patterns on the deposition of model proteins during active filtration. <i>Journal of Membrane Science</i> , 2013, 444, 420-428.	8.2	61
375	Electrophoretic fabrication of highly robust, efficient, and benign heterojunction photoelectrocatalysts based on graphene-quantum-dot sensitized TiO <sub>2</sub> nanotube arrays. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3551.	10.3	120
376	Photocrosslinking-induced phase separation in evaporative solvents: formation of skin layers and microspheres. <i>Soft Matter</i> , 2013, 9, 4455.	2.7	16
377	Influence of Substrate Confinement on the Phase-Correlation in the Capillary Breakup of Arrays of Patterned Polymer Stripes. <i>Langmuir</i> , 2013, 29, 3073-3079.	3.5	8
378	Investigation of Copper(II) Interference on the Anodic Stripping Voltammetry of Lead(II) and Cadmium(II) at Bismuth Film Electrode. <i>Electroanalysis</i> , 2013, 25, 2637-2644.	2.9	39

#	ARTICLE	IF	CITATIONS
379	Layer-by-layer growth of ultralong ZnO vertical wire arrays for enhanced photoelectrocatalytic activity. <i>Materials Letters</i> , 2013, 97, 52-55.	2.6	10
380	Is Elevated Pressure Required to Achieve a High Fixed-Carbon Yield of Charcoal from Biomass? Part 2: The Importance of Particle Size. <i>Energy &amp; Fuels</i> , 2013, 27, 2146-2156.	5.1	64
381	Seasonal and spatial distribution of 4-tert-octylphenol, 4-nonylphenol and bisphenol A in the Huangpu River and its tributaries, Shanghai, China. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 3149-3161.	2.7	50
382	CO <sub>2</sub> Gasification of Chars Prepared from Wood and Forest Residue: A Kinetic Study. <i>Energy &amp; Fuels</i> , 2013, 27, 6098-6107.	5.1	31
383	The Amplification Effect of Soft Site Based on Records from Borehole Arrays. <i>Applied Mechanics and Materials</i> , 2013, 477-478, 1084-1087.	0.2	0
384	Choline Plasmalogens Isolated from Swine Liver Inhibit Hepatoma Cell Proliferation Associated with Caveolin-1/Akt Signaling. <i>PLoS ONE</i> , 2013, 8, e77387.	2.5	10
385	Piezochromic Phenomena of Nanometer Voids Formed by Mono-Dispersed Nanometer Powders Compacting Process. <i>PLoS ONE</i> , 2013, 8, e72964.	2.5	0
386	A possible substellar companion to the intermediate-mass giant HD 175679. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 84-92.	1.7	13
387	3-D biquaternionic analytic signal and application to envelope detection in 3-D ultrasound imaging. , 2012, , .		1
388	Likelihood Ratio-Based Differentiation of Nodular Hashimoto Thyroiditis and Papillary Thyroid Carcinoma in Patients With Sonographically Evident Diffuse Hashimoto Thyroiditis. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 1767-1775.	1.7	6
389	Thermal characterization of Uganda's <i>Acacia hockii</i> , <i>Combretum molle</i> , <i>Eucalyptus grandis</i> and <i>Terminalia glaucescens</i> for gasification. <i>Biomass and Bioenergy</i> , 2012, 46, 402-408.	5.7	15
390	Kinetics of Corncob Pyrolysis. <i>Energy &amp; Fuels</i> , 2012, 26, 2005-2013.	5.1	39
391	Sintering Characteristics and Mineral Transformation Behaviors of Corn Cob Ashes. <i>Energy &amp; Fuels</i> , 2012, 26, 5905-5916.	5.1	49
392	Sintering Behavior of Agricultural Residues Ashes and Effects of Additives. <i>Energy &amp; Fuels</i> , 2012, 26, 5917-5929.	5.1	48
393	Fabrication and characterizations of crosslinked porous polymer films with varying chemical compositions. <i>Polymer</i> , 2012, 53, 3749-3755.	3.8	24
394	Pelletizing and Combustion Behaviors of Wood Waste with Additives Mixing. , 2012, , .		2
395	A Critical Review on Additives to Reduce Ash Related Operation Problems in Biomass Combustion Applications. <i>Energy Procedia</i> , 2012, 20, 20-29.	1.8	253
396	Effects of Additives on Barley Straw and Husk Ashes Sintering Characteristics. <i>Energy Procedia</i> , 2012, 20, 30-39.	1.8	47

#	ARTICLE	IF	CITATIONS
397	Contrast-enhanced ultrasound study of primary hepatic angiosarcoma: A pitfall of non-enhancement. <i>European Journal of Radiology</i> , 2012, 81, 2054-2059.	2.6	31
398	Sintering characteristics of sewage sludge ashes at elevated temperatures. <i>Fuel Processing Technology</i> , 2012, 96, 88-97.	7.2	81
399	Water-soluble highly fluorescent poly[poly(ethylene glycol) methyl ether methacrylate] for cell labeling. <i>Journal of Materials Chemistry</i> , 2011, 21, 6502.	6.7	27
400	Effects of Sewage Sludge and Marble Sludge Addition on Slag Characteristics during Wood Waste Pellets Combustion. <i>Energy &amp; Fuels</i> , 2011, 25, 5775-5785.	5.1	59
401	Stereo matching with cross-based region, hierarchical belief propagation and occlusion handling. , 2011, , .		5
402	Clickable poly(ester amine) dendrimer-grafted Fe <sub>3</sub> O <sub>4</sub> nanoparticles prepared via successive Michael addition and alkyne-azide click chemistry. <i>Polymer Chemistry</i> , 2011, 2, 1312.	3.9	25
403	Is Elevated Pressure Required To Achieve a High Fixed-Carbon Yield of Charcoal from Biomass? Part 1: Round-Robin Results for Three Different Corncob Materials. <i>Energy &amp; Fuels</i> , 2011, 25, 3251-3265.	5.1	66
404	THE PAN-PACIFIC PLANET SEARCH. I. A GIANT PLANET ORBITING 7 CMA. <i>Astrophysical Journal</i> , 2011, 743, 184.	4.5	81
405	Development and Applications of Nano-Powder Patents - A Review in Patents. <i>Recent Patents on Nanotechnology</i> , 2011, 5, 19-26.	1.3	2
406	Development and Evaluation of Functional Open Graded Friction Courses (FOGFC) Mixtures for In Situ Highway Runoff Treatment. , 2011, , .		3
407	One-step process to create porous structures in cross-linked polymer films via breath-figure formations during in situ cross-linking reactions. <i>Polymer</i> , 2011, 52, 5102-5106.	3.8	29
408	Multifunctional polyglycerol-grafted Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles for targeting ovarian cancer cells. <i>Biomaterials</i> , 2011, 32, 2166-2173.	11.4	100
409	Functionalization of reduced graphene oxide nanosheets via stacking interactions with the fluorescent and water-soluble perylene bisimide-containing polymers. <i>Polymer</i> , 2011, 52, 2376-2383.	3.8	89
410	Stellar Parameters and Chemical Abundances of G Giants. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 1035-1046.	2.5	17
411	A Global Optimal Algorithm for Camera Calibration with One-Dimensional Objects. <i>Lecture Notes in Computer Science</i> , 2011, , 660-669.	1.3	10
412	Biodegradable magnetic-fluorescent magnetite/poly(dl-lactic acid-co- $\beta$ -malic acid) composite nanoparticles for stem cell labeling. <i>Biomaterials</i> , 2010, 31, 3502-3511.	11.4	110
413	Homography-based visual measurement of wheel sinkage for a mobile robot. , 2010, , .		2
414	Calibrating central catadioptric cameras based on spatial line projection constraint. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
415	RANSAC Based Ellipse Detection with Application to Catadioptric Camera Calibration. Lecture Notes in Computer Science, 2010, , 525-532.	1.3	13
416	Extrinsic calibration of a fisheye camera and inertial measurement unit. , 2009, , .		1
417	Hairy Hybrid Nanoparticles of Magnetic Core, Fluorescent Silica Shell, and Functional Polymer Brushes. Macromolecules, 2009, 42, 8561-8565.	4.8	46
418	Superparamagnetic Hyperbranched Polyglycerolâ€Grafted Fe<sub>3</sub>O<sub>4</sub> Nanoparticles as a Novel Magnetic Resonance Imaging Contrast Agent: An In Vitro Assessment. Advanced Functional Materials, 2009, 19, 2615-2622.	14.9	125
419	Nanolithography using high transmission nanoscale ridge aperture probe. Applied Physics A: Materials Science and Processing, 2008, 93, 881-884.	2.3	27
420	Synthesis, degradability, and cell affinity of poly (<sc>DL</sc>â€lactideâ€i>co</i>â€RSâ€hydroxyethylâ€lâ€malolactonate). Journal of Biomedical Materials Research - Part A, 2008, 87A, 459-469.	4.0	11
421	Nanopatterning using NSOM probes integrated with high transmission nanoscale bowtie aperture. Optics Express, 2008, 16, 2584.	3.4	55
422	High transmission nanoscale bowtie-shaped aperture probe for near-field optical imaging. Applied Physics Letters, 2007, 90, 261105.	3.3	75
423	Multi-Camera Calibration Based on 1D Calibration Object. Zidonghua Xuebao/Acta Automatica Sinica, 2007, 33, 0225.	0.3	14
424	Nanolithography Using High Transmission Nanoscale Bowtie Apertures. Nano Letters, 2006, 6, 361-364.	9.1	237
425	Contact optical nanolithography using nanoscale C-shaped apertures. Optics Express, 2006, 14, 9902.	3.4	35
426	Synthesis and characterization of a functionalized amphiphilic diblock copolymer: MePEG-b-poly(DL-lactide-co-RS-l2-malic acid). Colloid and Polymer Science, 2006, 285, 273-281.	2.1	10
427	Synthesis and characterization of novel functionalized polylactides with pendent hydroxyl arms. Polymer, 2006, 47, 6978-6985.	3.8	20
428	Design, fabrication, and characterization of nanometer-scale ridged aperture optical antenna. , 2006, , .		7
429	Analyzing the topology characteristic and effectiveness of the China city network. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832098301.	2.0	4
430	National Innovation Systems and Global Value Chain Participation: The Role of Entrepreneurship. European Journal of Development Research, 0, , 1.	2.3	1
431	Interâ€versus intraâ€channel trust transfer on an onlineâ€toâ€offline (O2O) platform. Canadian Journal of Administrative Sciences, 0, , .	1.5	2