

Liang Li

List of Publications by Year in descending order

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348
papers

17,343
citations

19608

61
h-index

18075

120
g-index

354
all docs

354
docs citations

354
times ranked

20130
citing authors

#	ARTICLE	IF	CITATIONS
1	Make Smart Decisions Faster: Deciding D2D Resource Allocation via Stackelberg Game Guided Multi-Agent Deep Reinforcement Learning. <i>IEEE Transactions on Mobile Computing</i> , 2022, 21, 4426-4438.	3.9	17
2	Robust Localization for Intelligent Vehicles Based on Pole-Like Features Using the Point Cloud. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 1095-1108.	3.4	6
3	3-T MRI in Patients who Received Anterior Cervical Discectomy and Fusion Surgery with MAVRIC SL IR Sequence: A Feasibility Study. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 1024-1030.	0.6	2
4	Short-crestedness effect on the dynamic response of offshore floating wind turbines. <i>Ships and Offshore Structures</i> , 2022, 17, 2272-2281.	0.9	1
5	Point Cloud Registration Based on Direct Deep Features With Applications in Intelligent Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 13346-13357.	4.7	9
6	Relationship between lung injury extent and phenotype manifested in non-contrast CT and cardiac injury during acute stage of COVID-19. <i>IJC Heart and Vasculature</i> , 2022, 38, 100938.	0.6	0
7	New modulus-based matrix splitting methods for implicit complementarity problem. <i>Numerical Algorithms</i> , 2022, 90, 1735-1754.	1.1	5
8	Chlorophyll derivative intercalation into Nb ₂ C MXene for lithium-ion energy storage. <i>Journal of Materials Science</i> , 2022, 57, 9971-9979.	1.7	10
9	Magnetic Adsorbents for Wastewater Treatment: Advancements in Their Synthesis Methods. <i>Materials</i> , 2022, 15, 1053.	1.3	17
10	Construction of adenovirus vector expressing duck sclerostin and its induction effect on myogenic proliferation and differentiation in vitro. <i>Molecular Biology Reports</i> , 2022, 49, 3187-3196.	1.0	1
11	Suppressing thermal quenching of lead halide perovskite nanocrystals by constructing a wide-bandgap surface layer for achieving thermally stable white light-emitting diodes. <i>Chemical Science</i> , 2022, 13, 3719-3727.	3.7	25
12	High-pressure bandgap engineering and amorphization in TiNb ₂ O ₇ single crystals. <i>CrystEngComm</i> , 2022, 24, 2660-2666.	1.3	4
13	Microvascular Permeability and Texture Analysis of the Skeletal Muscle of Diabetic Rabbits With Critical Limb Ischaemia Based on DCE-MRI. <i>Frontiers in Endocrinology</i> , 2022, 13, 783163.	1.5	0
14	The Proinflammatory Cytokines IL-18, IL-21, and IFN- γ Differentially Regulate Liver Inflammation and Anti-Mitochondrial Antibody Level in a Murine Model of Primary Biliary Cholangitis. <i>Journal of Immunology Research</i> , 2022, 2022, 1-11.	0.9	4
15	Simultaneous reduction and sequestration of hexavalent chromium by magnetic β -Cyclodextrin stabilized Fe ₃ S ₄ . <i>Journal of Hazardous Materials</i> , 2022, 431, 128592.	6.5	28
16	Dynamic metasurface control using Deep Reinforcement Learning. <i>Mathematics and Computers in Simulation</i> , 2022, 197, 377-395.	2.4	1
17	High-Efficiency Semitransparent Light-Emitting Diodes with Perovskite Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19697-19703.	4.0	8
18	A Submicrosecond-Response Ultraviolet-Visible-Near-Infrared Broadband Photodetector Based on 2D Tellurosilicate In ₃ Si ₂ . <i>ACS Nano</i> , 2022, 16, 7745-7754.	7.3	32

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19	Stable Lead-Free Tin Halide Perovskite with Operational Stability >1200h by Suppressing Tin(II) Oxidation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	34
20	Development of a Real-Time Latching Control Algorithm Based on Wave Force Prediction. <i>IEEE Journal of Oceanic Engineering</i> , 2021, 46, 583-593.	2.1	2
21	Metal Halide Perovskite Nanocrystals in Metal-Organic Framework Host: Not Merely Enhanced Stability. <i>Angewandte Chemie</i> , 2021, 133, 7564-7577.	1.6	16
22	Metal Halide Perovskite Nanocrystals in Metal-Organic Framework Host: Not Merely Enhanced Stability. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7488-7501.	7.2	80
23	A feasible method for detecting unknown GMOs via a combined strategy of PCR-based suppression subtractive hybridization and next-generation sequencing. <i>Food Control</i> , 2021, 119, 107448.	2.8	1
24	3D UTE bicomponent imaging of cortical bone using a soft-hard composite pulse for excitation. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1581-1589.	1.9	2
25	Lean blowoff behavior of cavity-stabilized flames in a supersonic combustor. <i>Aerospace Science and Technology</i> , 2021, 109, 106427.	2.5	23
26	1,3-Dichloropropene and chloropicrin emission reduction using a flexible CuInS ₂ /ZnS:Al-TiO ₂ photocatalytic film. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6980-6989.	2.7	0
27	Simultaneous wetting and drying: Fluid bed granulation and tablet film coating. <i>Drying Technology</i> , 2021, 39, 187-202.	1.7	2
28	Wrinkle and near-resonance effects on the vibrational and electronic properties in compressed monolayer MoSe ₂ . <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11709-11716.	1.3	3
29	Synthesis of C-Plane Oriented Hexagonal Tungsten Oxide Membranes on Tubular Substrates and Their Acetic Acid/Water Separation Performances. <i>Membranes</i> , 2021, 11, 38.	1.4	1
30	Joint Localization Based on Split Covariance Intersection on the Lie Group. <i>IEEE Transactions on Robotics</i> , 2021, 37, 1508-1524.	7.3	5
31	Radiomics analysis enables fatal outcome prediction for hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Acta Radiologica</i> , 2021, , 028418512199469.	0.5	6
32	Accurately Discriminating COVID-19 from Viral and Bacterial Pneumonia According to CT Images Via Deep Learning. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 273-285.	2.2	19
33	Testing the High-latitude Curvature Effect of Gamma-Ray Bursts with Fermi Data: Evidence of Bulk Acceleration in Prompt Emission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 43.	3.0	15
34	Confined Synthesis of Stable and Uniform CsPbBr ₃ Nanocrystals with High Quantum Yield up to 90% by High Temperature Solid-State Reaction. <i>Advanced Optical Materials</i> , 2021, 9, 2002130.	3.6	40
35	Dissecting the Energy Budget of a Gamma-Ray Burst Fireball. <i>Astrophysical Journal Letters</i> , 2021, 909, L3.	3.0	9
36	Integrated solar cells with non-toxic inorganic nanocrystals and polymer bulk heterojunction. <i>Applied Surface Science Advances</i> , 2021, 3, 100052.	2.9	2

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37	Scaling strategies for multi-purpose floating structures physical modeling: state of art and new perspectives. <i>Applied Ocean Research</i> , 2021, 108, 102487.	1.8	21
38	2D Silicon-Based Semiconductor Si ₂ Te ₃ toward Broadband Photodetection. <i>Small</i> , 2021, 17, e2006496.	5.2	19
39	Suppression of temperature quenching in perovskite nanocrystals for efficient and thermally stable light-emitting diodes. <i>Nature Photonics</i> , 2021, 15, 379-385.	15.6	260
40	Broken-Gap PtS ₂ /WSe ₂ van der Waals Heterojunction with Ultrahigh Reverse Rectification and Fast Photoresponse. <i>ACS Nano</i> , 2021, 15, 8328-8337.	7.3	102
41	Development and multicenter validation of a CT-based radiomics signature for predicting severe COVID-19 pneumonia. <i>European Radiology</i> , 2021, 31, 7901-7912.	2.3	18
42	Energy Saving of Schooling Robotic Fish in Three-Dimensional Formations. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1694-1699.	3.3	8
43	Vibration suppression of a rotating functionally graded beam with enhanced active constrained layer damping treatment in temperature field. <i>Thin-Walled Structures</i> , 2021, 161, 107522.	2.7	13
44	Non-Intrusive Reduced-Order Modeling of Parameterized Electromagnetic Scattering Problems using Cubic Spline Interpolation. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	1.1	9
45	Using a robotic platform to study the influence of relative tailbeat phase on the energetic costs of side-by-side swimming in fish. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200810.	1.0	20
46	In-plane anisotropic Raman response of layered In ₂ Te ₅ semiconductor. <i>Applied Physics Letters</i> , 2021, 118, 182105.	1.5	3
47	Low-rank tensor completion with sparse regularization in a transformed domain. <i>Numerical Linear Algebra With Applications</i> , 2021, 28, e2387.	0.9	7
48	Band Gap Engineering toward Wavelength Tunable CsPbBr ₃ Nanocrystals for Achieving Rec. 2020 Displays. <i>Chemistry of Materials</i> , 2021, 33, 3575-3584.	3.2	32
49	Bayesian Time-resolved Spectroscopy of Multipulse GRBs: Variations of Emission Properties among Pulses. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 35.	3.0	22
50	Synthesizing High-b-Value Diffusion-weighted Imaging of the Prostate Using Generative Adversarial Networks. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200237.	3.0	6
51	The parental magma composition, crustal contamination process, and metallogenesis of the Shitoukengde Cu sulfide deposit in the Eastern Kunlun Orogenic Belt, NW China. <i>Resource Geology</i> , 2021, 71, 339-362.	0.3	8
52	Nano ferric oxide adsorbents with self-acidification effect for efficient adsorption of Sb(V). <i>Chemosphere</i> , 2021, 272, 129933.	4.2	9
53	Thermal Conductivity of Few-Layer PtS ₂ and PtSe ₂ Obtained from Optothermal Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16129-16135.	1.5	22
54	Role of stearyl-coenzyme A desaturase 1 in mediating the effects of palmitic acid on endoplasmic reticulum stress, inflammation, and apoptosis in goose primary hepatocytes. <i>Animal Bioscience</i> , 2021, 34, 1210-1220.	0.8	4

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55	Metallogeny of the Dagangou Au-Ag-Cu-Sb Deposit in the Eastern Kunlun Orogen, NW China: Constraints from Ore-Forming Fluid Geochemistry and S-H-O Isotopes. <i>Geofluids</i> , 2021, 2021, 1-26.	0.3	0
56	Fast Photothermoelectric Response in CVD-Grown PdSe ₂ Photodetectors with In-Plane Anisotropy. <i>Advanced Functional Materials</i> , 2021, 31, 2104787.	7.8	44
57	Optical Properties of CaNb ₂ O ₆ Single Crystals Grown by OFZ*. <i>Crystals</i> , 2021, 11, 928.	1.0	5
58	Fish can save energy via proprioceptive sensing. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 056013.	1.5	12
59	Evenly distribution of amorphous iron sulfides on reconstructed Mg-Al hydrotalcites for improving Cr(VI) removal efficiency. <i>Chemical Engineering Journal</i> , 2021, 417, 129228.	6.6	17
60	Narrow-Band Violet-Light-Emitting Diodes Based on Stable Cesium Lead Chloride Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2021, 6, 3545-3554.	8.8	39
61	Globally Optimal Fetoscopic Mosaicking Based on Pose Graph Optimisation With Affine Constraints. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 7831-7838.	3.3	12
62	Vibration control of a rotating hub-plate with enhanced active constrained layer damping treatment. <i>Aerospace Science and Technology</i> , 2021, 118, 107081.	2.5	10
63	CsPbBr ₃ Nanocrystal Light-Emitting Diodes with Efficiency up to 13.4% Achieved by Careful Surface Engineering and Device Engineering. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3110-3118.	1.5	29
64	Chromatin accessibility analysis identifies the transcription factor ETV5 as a suppressor of adipose tissue macrophage activation in obesity. <i>Cell Death and Disease</i> , 2021, 12, 1023.	2.7	5
65	The geometry of decision-making in individuals and collectives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	49
66	A wafer-scale van der Waals dielectric made from an inorganic molecular crystal film. <i>Nature Electronics</i> , 2021, 4, 906-913.	13.1	86
67	Prevalence of Extra Power-Law Spectral Components in Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2021, 922, 255.	1.6	12
68	Evaluation of Bone Marrow Texture and Trabecular Changes With Quantitative DCE-MRI and QCT in Alloxan-Induced Diabetic Rabbit Models. <i>Frontiers in Endocrinology</i> , 2021, 12, 785604.	1.5	0
69	Robust Point Set Registration Using Signature Quadratic Form Distance. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2097-2109.	6.2	27
70	Removal and recovery of chloride ions in concentrated leachate by Bi(III) containing oxides quantum dots/two-dimensional flakes. <i>Journal of Hazardous Materials</i> , 2020, 382, 121041.	6.5	27
71	Multi-Stable Mechanism of an Oscillating-Body Wave Energy Converter. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 500-508.	5.9	13
72	Large-Scale Synthesis of Highly Luminescent Perovskite Nanocrystals by Template-Assisted Solid-State Reaction at 800 Å°C. <i>Chemistry of Materials</i> , 2020, 32, 308-314.	3.2	57

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73	Ceramic-like stable CsPbBr ₃ nanocrystals encapsulated in silica derived from molecular sieve templates. <i>Nature Communications</i> , 2020, 11, 31.	5.8	185
74	The effect of base column on vortex-induced vibration of a circular cylinder with low aspect ratio. <i>Ocean Engineering</i> , 2020, 196, 106822.	1.9	8
75	Autonomy promotes the evolution of cooperation in prisoner's dilemma. <i>Physical Review E</i> , 2020, 102, 042402.	0.8	1
76	Mineral Chemistry, S-Pb-O Isotopes, and S/Se Ratios of the Niubiziliang Ni-(Cu) Sulfide Deposit in North Qaidam Orogenic Belt, NW China: Constraints on the Parental Magma Composition, Evolution, and Sulfur Saturation Mechanism. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 837.	0.8	4
77	An Efficient Low-Dissipation Hybrid Central/WENO Scheme for Compressible Flows. <i>International Journal of Computational Fluid Dynamics</i> , 2020, 34, 705-730.	0.5	8
78	High-pressure Raman scattering and x-ray diffraction studies of MgTa ₂ O ₆ . <i>AIP Advances</i> , 2020, 10, .	0.6	11
79	Bumblebees perceive the spatial layout of their environment in relation to their body size and form to minimize inflight collisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31494-31499.	3.3	30
80	Vortex phase matching as a strategy for schooling in robots and in fish. <i>Nature Communications</i> , 2020, 11, 5408.	5.8	85
81	Selective information passing for MR/CT image segmentation. <i>Neural Computing and Applications</i> , 2020, , 1.	3.2	1
82	An electrochemical DNA biosensor based on nitrogen-doped graphene nanosheets decorated with gold nanoparticles for genetically modified maize detection. <i>Mikrochimica Acta</i> , 2020, 187, 574.	2.5	13
83	Pressure and temperature-dependent optical properties of TiTa ₂ O ₇ . <i>RSC Advances</i> , 2020, 10, 25379-25384.	1.7	3
84	Synthesis of lead halide perovskite nanocrystals by melt crystallization in halide salts. <i>Chemical Communications</i> , 2020, 56, 11291-11294.	2.2	12
85	A Self-Powered Photovoltaic Photodetector Based on a Lateral WSe ₂ -WSe ₂ Homojunction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44934-44942.	4.0	71
86	Predictive Value of Temporal Muscle Thickness Measurements on Cranial Magnetic Resonance Images in the Prognosis of Patients With Primary Glioblastoma. <i>Frontiers in Neurology</i> , 2020, 11, 523292.	1.1	20
87	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. <i>Cell</i> , 2020, 181, 1423-1433.e11.	13.5	638
88	Thermal Components in Gamma-Ray Bursts. II. Constraining the Hybrid Jet Model. <i>Astrophysical Journal</i> , 2020, 894, 100.	1.6	22
89	Enhancing the performance of LARP-synthesized CsPbBr ₃ nanocrystal LEDs by employing a dual hole injection layer. <i>RSC Advances</i> , 2020, 10, 17653-17659.	1.7	13
90	Deep learning-based multi-view fusion model for screening 2019 novel coronavirus pneumonia: A multicentre study. <i>European Journal of Radiology</i> , 2020, 128, 109041.	1.2	201

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91	Optical properties of trirutile structure MgTa ₂ O ₆ single crystals grown by optical floating zone method. <i>Modern Physics Letters B</i> , 2020, 34, 2050281.	1.0	0
92	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. <i>Theranostics</i> , 2020, 10, 7231-7244.	4.6	84
93	A 14-bp insertion in endothelin receptor B-like (EDNRB2) is associated with white plumage in Chinese geese. <i>BMC Genomics</i> , 2020, 21, 162.	1.2	21
94	A DEM-based mechanistic model for scale-up of industrial tablet coating processes. <i>Powder Technology</i> , 2020, 364, 698-707.	2.1	15
95	Bifunctional Passivation Strategy to Achieve Stable CsPbBr ₃ Nanocrystals with Drastically Reduced Thermal-Quenching. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 993-999.	2.1	32
96	CFD based parameter tuning for motion control of robotic fish. <i>Bioinspiration and Biomimetics</i> , 2020, 15, 026008.	1.5	16
97	An asymmetric hot carrier tunneling van der Waals heterostructure for multibit optoelectronic memory. <i>Materials Horizons</i> , 2020, 7, 1331-1340.	6.4	40
98	High-efficiency perovskite nanocrystal light-emitting diodes <i>via</i> decorating NiO _x on the nanocrystal surface. <i>Nanoscale</i> , 2020, 12, 8711-8719.	2.8	23
99	Maximization of wave power extraction of a heave point absorber with a sea-state-based causal control algorithm. <i>Energy</i> , 2020, 204, 117881.	4.5	8
100	Analysis of the coupled dynamic response of an offshore floating multi-purpose platform for the Blue Economy. <i>Ocean Engineering</i> , 2020, 217, 107943.	1.9	28
101	Efficient WENO4 scheme with three different adaptive switches. <i>Journal of Zhejiang University: Science A</i> , 2020, 21, 695-720.	1.3	10
102	The Liver as a Lymphoid Organ. , 2020, , 17-33.		2
103	Surface Oxidation of Quantum Dots to Improve the Device Performance of Quantum Dot Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28424-28430.	1.5	12
104	Investigation on long-term extreme response of an integrated offshore renewable energy device with a modified environmental contour method. <i>Renewable Energy</i> , 2019, 132, 33-42.	4.3	27
105	Wave Force Prediction Effect on the Energy Absorption of a Wave Energy Converter With Real-Time Control. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 615-624.	5.9	24
106	POD-based model order reduction with an adaptive snapshot selection for a discontinuous Galerkin approximation of the time-domain Maxwell's equations. <i>Journal of Computational Physics</i> , 2019, 396, 106-128.	1.9	19
107	Obstacle effects on electrocommunication with applications to object detection of underwater robots. <i>Bioinspiration and Biomimetics</i> , 2019, 14, 056011.	1.5	6
108	Promoter Identification and Transcriptional Regulation of the Goose AMH Gene. <i>Animals</i> , 2019, 9, 816.	1.0	2

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109	Recent Progress on 2D Noble-Transition-Metal Dichalcogenides. <i>Advanced Functional Materials</i> , 2019, 29, 1904932.	7.8	186
110	Two-dimensional inorganic molecular crystals. <i>Nature Communications</i> , 2019, 10, 4728.	5.8	91
111	“Double-tracking” Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019, 884, 109.	1.6	26
112	Thermal Components in Gamma-Ray Bursts. I. How Do They Affect Nonthermal Spectral Parameters?. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 7.	3.0	27
113	mRNA and miRNA Transcriptome Profiling of Granulosa and Theca Layers From Geese Ovarian Follicles Reveals the Crucial Pathways and Interaction Networks for Regulation of Follicle Selection. <i>Frontiers in Genetics</i> , 2019, 10, 988.	1.1	38
114	Mixing of a mAb Formulation in a New Magnetically Coupled Single-Use Mixing System: Key Learnings of Preliminary Experimental and Computational Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3932-3937.	1.6	2
115	Surface Ligand Engineering toward Brightly Luminescent and Stable Cesium Lead Halide Perovskite Nanoplatelets for Efficient Blue-Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26161-26169.	1.5	59
116	Single crystal growth and magnetic properties of Co-doped ZnNb ₂ O ₆ . <i>Modern Physics Letters B</i> , 2019, 33, 1950274.	1.0	1
117	Growth and properties of spinel structure Zn _{1.8} Co _{0.2} TiO ₄ single crystals by the optical floating zone method. <i>RSC Advances</i> , 2019, 9, 26436-26441.	1.7	9
118	Chemical Vapor Deposition Growth of High Crystallinity Sb ₂ Se ₃ Nanowire with Strong Anisotropy for Near-Infrared Photodetectors. <i>Small</i> , 2019, 15, e1805307.	5.2	93
119	Evidences in duck (<i>Anas platyrhynchos</i>) by transcriptome data for supporting the biliverdin was mainly synthesized by shell gland. <i>Poultry Science</i> , 2019, 98, 2260-2271.	1.5	7
120	Critical role of metal ions in surface engineering toward brightly luminescent and stable cesium lead bromide perovskite quantum dots. <i>Nanoscale</i> , 2019, 11, 2602-2607.	2.8	33
121	The Raman scattering of trirutile structure MgTa ₂ O ₆ single crystals grown by the optical floating zone method. <i>RSC Advances</i> , 2019, 9, 839-843.	1.7	10
122	Multipulse Fermi Gamma-Ray Bursts. I. Evidence of the Transition from Fireball to Poynting-flux-dominated Outflow. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 16.	3.0	37
123	Resonant waves in the gap between two advancing barges. <i>European Journal of Mechanics, B/Fluids</i> , 2019, 77, 108-117.	1.2	2
124	Nonlayered Two-Dimensional Defective Semiconductor $\hat{\Gamma}^3$ -Ga ₂ S ₃ toward Broadband Photodetection. <i>ACS Nano</i> , 2019, 13, 6297-6307.	7.3	72
125	A comparative study of diffusion kurtosis imaging and T2* mapping in quantitative detection of lumbar intervertebral disk degeneration. <i>European Spine Journal</i> , 2019, 28, 2169-2178.	1.0	5
126	On the sensitivity and uncertainty of wave energy conversion with an artificial neural-network-based controller. <i>Ocean Engineering</i> , 2019, 183, 282-293.	1.9	39

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127	Raman investigation of layered ZrGeTe ₄ semiconductor. Applied Physics Letters, 2019, 114, .	1.5	17
128	A reduced-order discontinuous Galerkin method based on a Krylov subspace technique in nanophotonics. Applied Mathematics and Computation, 2019, 358, 128-145.	1.4	2
129	Emerging in-plane anisotropic two-dimensional materials. Informa <i>Materials</i> , 2019, 1, 54-73.	8.5	247
130	Bottom-level motion control for robotic fish to swim in groups: modeling and experiments. Bioinspiration and Biomimetics, 2019, 14, 046001.	1.5	16
131	Akirin1 promotes myoblast differentiation by modulating multiple myoblast differentiation factors. Bioscience Reports, 2019, 39, .	1.1	2
132	Dynamic and structural performances of offshore floating wind turbines in turbulent wind flow. Ocean Engineering, 2019, 179, 92-103.	1.9	31
133	On the intensity correlation in gamma-ray bursts: subphotospheric heating with varying entropy. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1912-1925.	1.6	17
134	Steady hydrodynamic interaction between human swimmers. Journal of the Royal Society Interface, 2019, 16, 20180768.	1.5	22
135	Laboratory and field tests and distinct element analysis of dry granular flows and segregation processes. Natural Hazards and Earth System Sciences, 2019, 19, 181-199.	1.5	9
136	Free-Surface Effects on Interaction of Multiple Ships Moving at Different Speeds. Journal of Ship Research, 2019, 63, 251-267.	0.5	15
137	Lignite-derived carbon quantum dot/TiO ₂ heterostructure nanocomposites: photoinduced charge transfer properties and enhanced visible light photocatalytic activity. New Journal of Chemistry, 2019, 43, 18355-18368.	1.4	28
138	Improvement in polishing effect of silicon wafer due to low-amplitude megasonic vibration assisting chemical-mechanical polishing. Journal of Materials Processing Technology, 2019, 263, 330-335.	3.1	21
139	Liquid-Alloy-Assisted Growth of 2D Ternary Ga ₂ In ₄ S ₉ toward High-Performance UV Photodetection. Advanced Materials, 2019, 31, e1806306.	11.1	90
140	Evidence for the existence of de novo lipogenesis in goose granulosa cells. Poultry Science, 2019, 98, 1023-1030.	1.5	27
141	Effect of thermal manipulation during embryogenesis on the promoter methylation and expression of myogenesis-related genes in duck skeletal muscle. Journal of Thermal Biology, 2019, 80, 75-81.	1.1	5
142	Ultimate structural and fatigue damage loads of a spar-type floating wind turbine. Ships and Offshore Structures, 2019, 14, 582-588.	0.9	10
143	Bmp4 inhibits goose granulosa cell apoptosis via PI3K/AKT/Caspase-9 signaling pathway. Animal Reproduction Science, 2019, 200, 86-95.	0.5	19
144	miR-365 inhibits duck myoblast proliferation by targeting IGF-I via PI3K/Akt pathway. Bioscience Reports, 2019, 39, .	1.1	6

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145	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. <i>Bioscience Reports</i> , 2019, 39, .	1.1	25
146	DeepPoseKit, a software toolkit for fast and robust animal pose estimation using deep learning. <i>ELife</i> , 2019, 8, .	2.8	337
147	CD8 cytotoxic and FoxP3 regulatory T lymphocytes serve as prognostic factors in breast cancer. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5039-5053.	0.0	34
148	2D GeP: An Unexploited Low-symmetry Semiconductor with Strong In-plane Anisotropy. <i>Advanced Materials</i> , 2018, 30, e1706771.	11.1	219
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