

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
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354
all docs

354
docs citations

354
times ranked

20130
citing authors

#	ARTICLE	IF	CITATIONS
1	Core/Shell Semiconductor Nanocrystals. <i>Small</i> , 2009, 5, 154-168.	5.2	1,746
2	Efficient Synthesis of Highly Luminescent Copper Indium Sulfide-Based Core/Shell Nanocrystals with Surprisingly Long-Lived Emission. <i>Journal of the American Chemical Society</i> , 2011, 133, 1176-1179.	6.6	671
3	Highly Luminescent CuInS ₂ /ZnS Core/Shell Nanocrystals: Cadmium-Free Quantum Dots for In Vivo Imaging. <i>Chemistry of Materials</i> , 2009, 21, 2422-2429.	3.2	644
4	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
5	Enhancing the Stability of CH ₃ NH ₃ PbBr ₃ Quantum Dots by Embedding in Silica Spheres Derived from Tetramethyl Orthosilicate in "Waterless" Toluene. <i>Journal of the American Chemical Society</i> , 2016, 138, 5749-5752.	6.6	501
6	One-pot Synthesis of Highly Luminescent InP/ZnS Nanocrystals without Precursor Injection. <i>Journal of the American Chemical Society</i> , 2008, 130, 11588-11589.	6.6	407
7	Conversion of invisible metal-organic frameworks to luminescent perovskite nanocrystals for confidential information encryption and decryption. <i>Nature Communications</i> , 2017, 8, 1138.	5.8	374
8	Highly Luminescent and Ultrastable CsPbBr ₃ Perovskite Quantum Dots Incorporated into a Silica/Alumina Monolith. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8134-8138.	7.2	355
9	DeepPoseKit, a software toolkit for fast and robust animal pose estimation using deep learning. <i>ELife</i> , 2019, 8, .	2.8	337
10	Morphology Evolution and Degradation of CsPbBr ₃ Nanocrystals under Blue Light-Emitting Diode Illumination. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7249-7258.	4.0	314
11	Tunneling Diode Based on WSe ₂ /SnS ₂ Heterostructure Incorporating High Detectivity and Responsivity. <i>Advanced Materials</i> , 2018, 30, 1703286.	11.1	293
12	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
13	Emerging in-plane anisotropic two-dimensional materials. <i>Informa "Materials</i> , 2019, 1, 54-73.	8.5	247
14	Rapid synthesis of highly luminescent CdTe nanocrystals in the aqueous phase by microwave irradiation with controllable temperature. <i>Chemical Communications</i> , 2005, , 528.	2.2	246
15	A Resonance Energy Transfer between Chemiluminescent Donors and Luminescent Quantum-Dots as Acceptors (CRET). <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5140-5143.	7.2	224
16	2D GeP: An Unexploited Low-Symmetry Semiconductor with Strong In-plane Anisotropy. <i>Advanced Materials</i> , 2018, 30, e1706771.	11.1	219
17	Self-powered photovoltaic photodetector established on lateral monolayer MoS ₂ -WS ₂ heterostructures. <i>Nano Energy</i> , 2018, 51, 45-53.	8.2	209
18	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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19	Recent Progress on 2D Noble-Transition-Metal Dichalcogenides. <i>Advanced Functional Materials</i> , 2019, 29, 1904932.	7.8	186
20	Ceramic-like stable CsPbBr ₃ nanocrystals encapsulated in silica derived from molecular sieve templates. <i>Nature Communications</i> , 2020, 11, 31.	5.8	185
21	Significant enhancement of the quantum yield of CdTe nanocrystals synthesized in aqueous phase by controlling the pH and concentrations of precursor solutions. <i>Journal of Luminescence</i> , 2006, 116, 59-66.	1.5	183
22	Magnetic Biochar Decorated with ZnS Nanocrystals for Pb (II) Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 125-132.	3.2	180
23	Solution-Processed Inorganic Solar Cell Based on in Situ Synthesis and Film Deposition of CuInS ₂ Nanocrystals. <i>Journal of the American Chemical Society</i> , 2010, 132, 22-23.	6.6	178
24	Few-Layered PtS ₂ Phototransistor on h-BN with High Gain. <i>Advanced Functional Materials</i> , 2017, 27, 1701011.	7.8	176
25	Microwave-Assisted Aqueous Synthesis: A Rapid Approach to Prepare Highly Luminescent ZnSe(S) Alloyed Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9034-9040.	1.2	165
26	An Insight into the Role of Oxygen Vacancy in Hydrogenated TiO ₂ Nanocrystals in the Performance of Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3754-3763.	4.0	165
27	Submillimeter 2D Bi ₂ Se ₃ Flakes toward High-Performance Infrared Photodetection at Optical Communication Wavelength. <i>Advanced Functional Materials</i> , 2018, 28, 1802707.	7.8	149
28	A novel method for the sequential removal and separation of multiple heavy metals from wastewater. <i>Journal of Hazardous Materials</i> , 2018, 342, 617-624.	6.5	143
29	Effect of Poly(ethylene glycol) Length on the in Vivo Behavior of Coated Quantum Dots. <i>Langmuir</i> , 2009, 25, 3040-3044.	1.6	142
30	Highly In-Plane Anisotropic 2D GeAs ₂ for Polarization-Sensitive Photodetection. <i>Advanced Materials</i> , 2018, 30, e1804541.	11.1	140
31	Economic Synthesis of High Quality InP Nanocrystals Using Calcium Phosphide as the Phosphorus Precursor. <i>Chemistry of Materials</i> , 2008, 20, 2621-2623.	3.2	126
32	Highly luminescent CdTe quantum dots prepared in aqueous phase as an alternative fluorescent probe for cell imaging. <i>Talanta</i> , 2006, 70, 397-402.	2.9	117
33	Strong In-Plane Anisotropies of Optical and Electrical Response in Layered Dimetal Chalcogenide. <i>ACS Nano</i> , 2017, 11, 10264-10272.	7.3	116
34	HOW BAD OR GOOD ARE THE EXTERNAL FORWARD SHOCK AFTERGLOW MODELS OF GAMMA-RAY BURSTS?. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 9.	3.0	115
35	2D Ternary Chalcogenides. <i>Advanced Optical Materials</i> , 2018, 6, 1800058.	3.6	114
36	Ternary Ta ₂ NiSe ₅ Flakes for a High-Performance Infrared Photodetector. <i>Advanced Functional Materials</i> , 2016, 26, 8281-8289.	7.8	112

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37	One-step and rapid synthesis of high quality alloyed quantum dots (CdSe@CdS) in aqueous phase by microwave irradiation with controllable temperature. <i>Materials Research Bulletin</i> , 2005, 40, 1726-1736.	2.7	105
38	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
39	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. I. FLARES AND EARLY SHALLOW-DECAY COMPONENT. <i>Astrophysical Journal</i> , 2012, 758, 27.	1.6	99
40	Generalized Synthesis of Hybrid Metal-Semiconductor Nanostructures Tunable from the Visible to the Infrared. <i>ACS Nano</i> , 2012, 6, 3832-3840.	7.3	99
41	Postsynthesis Phase Transformation for CsPbBr ₃ /Rb ₄ PbBr ₆ Core/Shell Nanocrystals with Exceptional Photostability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23303-23310.	4.0	98
42	Postsynthesis Potassium-Modification Method to Improve Stability of CsPbBr ₃ Perovskite Nanocrystals. <i>Advanced Optical Materials</i> , 2018, 6, 1701106.	3.6	95
43	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
44	β-Cyclodextrin stabilized magnetic Fe ₃ S ₄ nanoparticles for efficient removal of Pb(II). <i>Journal of Materials Chemistry A</i> , 2015, 3, 15755-15763.	5.2	92
45	General Method for the Synthesis of Ultrastable Core/Shell Quantum Dots by Aluminum Doping. <i>Journal of the American Chemical Society</i> , 2015, 137, 12430-12433.	6.6	91
46	Two-dimensional inorganic molecular crystals. <i>Nature Communications</i> , 2019, 10, 4728.	5.8	91
47	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. II. AFTERGLOW ONSET AND LATE RE-BRIGHTENING COMPONENTS. <i>Astrophysical Journal</i> , 2013, 774, 13.	1.6	90
48	Defect-mediated phase transition temperature of VO ₂ (M) nanoparticles with excellent thermochromic performance and low threshold voltage. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4520.	5.2	90
49	Liquid-Alloy-Assisted Growth of 2D Ternary Ga ₂ In ₄ S ₉ toward High-Performance UV Photodetection. <i>Advanced Materials</i> , 2019, 31, e1806306.	11.1	90
50	Self-Limited Epitaxial Growth of Ultrathin Nonlayered CdS Flakes for High-Performance Photodetectors. <i>Advanced Functional Materials</i> , 2018, 28, 1800181.	7.8	86
51	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
52	Vortex phase matching as a strategy for schooling in robots and in fish. <i>Nature Communications</i> , 2020, 11, 5408.	5.8	85
53	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. <i>Theranostics</i> , 2020, 10, 7231-7244.	4.6	84
54	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

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55	Ultraeffective ZnS Nanocrystals Sorbent for Mercury(II) Removal Based on Size-Dependent Cation Exchange. ACS Applied Materials & Interfaces, 2014, 6, 18026-18032.	4.0	75
56	Highly efficient size separation of CdTe quantum dots by capillary gel electrophoresis using polymer solution as sieving medium. Electrophoresis, 2006, 27, 1341-1346.	1.3	73
57	Efficient removal of Pb(II) from water using magnetic Fe ₃ S ₄ /reduced graphene oxide composites. Journal of Materials Chemistry A, 2017, 5, 19333-19342.	5.2	72
58	Nonlayered Two-Dimensional Defective Semiconductor β -Ga ₂ S ₃ toward Broadband Photodetection. ACS Nano, 2019, 13, 6297-6307.	7.3	72
59	Enhanced Near-Infrared to Visible Upconversion Nanoparticles of Ho ³⁺ -Yb ³⁺ -F ³⁺ Tri-Doped TiO ₂ and Its Application in Dye-Sensitized Solar Cells with 37% Improvement in Power Conversion Efficiency. Inorganic Chemistry, 2014, 53, 8045-8053.	1.9	71
60	A Self-Powered Photovoltaic Photodetector Based on a Lateral WSe ₂ -WSe ₂ Homojunction. ACS Applied Materials & Interfaces, 2020, 12, 44934-44942.	4.0	71
61	Infection of <i>Ustilagoidea virens</i> intercepts rice seed formation but activates grain-filling-related genes. Journal of Integrative Plant Biology, 2015, 57, 577-590.	4.1	67
62	Maximization of energy absorption for a wave energy converter using the deep machine learning. Energy, 2018, 165, 340-349.	4.5	67
63	Surface Ligand Engineering toward Brightly Luminescent and Stable Cesium Lead Halide Perovskite Nanoplatelets for Efficient Blue-Light-Emitting Diodes. Journal of Physical Chemistry C, 2019, 123, 26161-26169.	1.5	59
64	Dynamic response and power production of a floating integrated wind, wave and tidal energy system. Renewable Energy, 2018, 116, 412-422.	4.3	58
65	Large-Scale Synthesis of Highly Luminescent Perovskite Nanocrystals by Template-Assisted Solid-State Reaction at 800 °C. Chemistry of Materials, 2020, 32, 308-314.	3.2	57
66	Er ³⁺ and Yb ³⁺ co-doped TiO ₂ ·F up-conversion luminescence powder as a light scattering layer with enhanced performance in dye sensitized solar cells. Journal of Power Sources, 2013, 243, 436-443.	4.0	55
67	Sizes of water-soluble luminescent quantum dots measured by fluorescence correlation spectroscopy. Analytica Chimica Acta, 2005, 546, 46-51.	2.6	53
68	Non-blinking (Zn)CuInS/ZnS Quantum Dots Prepared by In Situ Interfacial Alloying Approach. Scientific Reports, 2015, 5, 15227.	1.6	52
69	Three-Dimensional Modeling of a Fin-Actuated Robotic Fish With Multimodal Swimming. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1641-1652.	3.7	51
70	The geometry of decision-making in individuals and collectives. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	49
71	A general non-CH ₃ NH ₃ X (X = I, Br) one-step deposition of CH ₃ NH ₃ PbX ₃ perovskite for high performance solar cells. Journal of Materials Chemistry A, 2016, 4, 3245-3248.	5.2	47
72	Comparative photoluminescence study of close-packed and colloidal InP/ZnS quantum dots. Applied Physics Letters, 2010, 96, 073102.	1.5	44

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73	Highly stable CuInS ₂ @ZnS:Al core@shell quantum dots: the role of aluminium self-passivation. <i>Chemical Communications</i> , 2015, 51, 8757-8760.	2.2	44
74	Fast Photothermoelectric Response in CVD-Grown PdSe ₂ Photodetectors with In-Plane Anisotropy. <i>Advanced Functional Materials</i> , 2021, 31, 2104787.	7.8	44
75	Constraining the Type of Central Engine of GRBs with Swift Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 26.	3.0	43
76	Residence time distributions of different size particles in the spray zone of a Wurster fluid bed studied using DEM-CFD. <i>Powder Technology</i> , 2015, 280, 124-134.	2.1	42
77	Wind field effect on the power generation and aerodynamic performance of offshore floating wind turbines. <i>Energy</i> , 2018, 157, 379-390.	4.5	42
78	Enhance the performance of dye-sensitized solar cells by co-sensitization of 2,6-bis(iminoalkyl)pyridine and N719. <i>RSC Advances</i> , 2013, 3, 25908.	1.7	40
79	Hydrofluoroethers as orthogonal solvents for all-solution processed perovskite quantum-dot light-emitting diodes. <i>Nano Energy</i> , 2018, 51, 358-365.	8.2	40
80	An asymmetric hot carrier tunneling van der Waals heterostructure for multibit optoelectronic memory. <i>Materials Horizons</i> , 2020, 7, 1331-1340.	6.4	40
81	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
82	Leptin exerts proliferative and anti-apoptotic effects on goose granulosa cells through the PI3K/Akt/mTOR signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 149, 70-79.	1.2	39
83	Band edge movement in dye sensitized Sm-doped TiO ₂ solar cells: a study by variable temperature spectroelectrochemistry. <i>RSC Advances</i> , 2015, 5, 70512-70521.	1.7	39
84	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
85	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
86	CdTe@Co(OH) ₂ (core-shell) nanoparticles: aqueous synthesis and characterization. <i>Chemical Communications</i> , 2005, , 4083.	2.2	38
87	Efficiency of ruthenium dye sensitized solar cells enhanced by 2,6-bis[1-(phenylimino)ethyl]pyridine as a co-sensitizer containing methyl substituents on its phenyl rings. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1273-1280.	1.3	38
88	A hybridizable discontinuous Galerkin method for solving nonlocal optical response models. <i>Computer Physics Communications</i> , 2017, 219, 99-107.	3.0	38
89	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
90	Model test research of a semisubmersible floating wind turbine with an improved deficient thrust force correction approach. <i>Renewable Energy</i> , 2018, 119, 95-105.	4.3	37

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91	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
92	Coupling Fluorescence Correlation Spectroscopy with Microchip Electrophoresis to Determine the Effective Surface Charge of Water-Soluble Quantum Dots. <i>Small</i> , 2006, 2, 534-538.	5.2	36
93	Time-resolved photoluminescence study of $\text{CuInS}_2/\text{ZnS}$ nanocrystals. <i>Journal of Family Business Management</i> , 2010, 1, 025007.	2.6	36
94	The Regulation of Lipid Deposition by Insulin in Goose Liver Cells Is Mediated by the PI3K-AKT-mTOR Signaling Pathway. <i>PLoS ONE</i> , 2015, 10, e0098759.	1.1	35
95	Improving the efficiency of ZnO-based dye-sensitized solar cells by Pr and N co-doping. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12066.	5.2	34
96	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
97	Stable Lead-Free Tin Halide Perovskite with Operational Stability >1200 h by Suppressing Tin(II) Oxidation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	34
98	CaF_2 -Based Near-Infrared Photocatalyst Using the Multifunctional CaTiO_3 Precursors as the Calcium Source. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20170-20178.	4.0	33
99	Enhancing the stability of CsPbBr_3 nanocrystals by sequential surface adsorption of S^{2-} and metal ions. <i>Chemical Communications</i> , 2018, 54, 9345-9348.	2.2	33
100	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
101	PEPT study of particle cycle and residence time distributions in a W urster fluid bed. <i>AIChE Journal</i> , 2015, 61, 756-768.	1.8	32
102	Boosting photocatalytic performance and stability of $\text{CuInS}_2/\text{ZnS-TiO}_2$ heterostructures via sol-gel processed integrate amorphous titania gel. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 403-410.	10.8	32
103	A Reduced-Order Discontinuous Galerkin Method Based on POD for Electromagnetic Simulation. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 242-254.	3.1	32
104	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
105	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
106	A Submicrosecond-Response Ultraviolet-Visible-Near-Infrared Broadband Photodetector Based on 2D Tellurosilicate InSiTe_3 . <i>ACS Nano</i> , 2022, 16, 7745-7754.	7.3	32
107	A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. <i>Astrophysical Journal</i> , 2015, 805, 13.	1.6	31
108	Dynamic and structural performances of offshore floating wind turbines in turbulent wind flow. <i>Ocean Engineering</i> , 2019, 179, 92-103.	1.9	31

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109	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. <i>Journal of Experimental Biology</i> , 2009, 212, 1553-1558.	0.8	30
110	Short-term extreme response and fatigue damage of an integrated offshore renewable energy system. <i>Renewable Energy</i> , 2018, 126, 617-629.	4.3	30
111	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
112	Rapid Electron Injection in Nitrogen- and Fluorine-Doped Flower-Like Anatase TiO ₂ with {001} Dominated Facets and Dye-Sensitized Solar Cells with a 52% Increase in Photocurrent. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8795-8802.	1.5	29
113	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
114	Size-dependent nanocrystal sorbent for copper removal from water. <i>Chemical Engineering Journal</i> , 2016, 284, 565-570.	6.6	28
115	Ultrathin GaGeTe p-type transistors. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	28
116	Lignite-derived carbon quantum dot/TiO ₂ heterostructure nanocomposites: photoinduced charge transfer properties and enhanced visible light photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 18355-18368.	1.4	28
117	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
118	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
119	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
120	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
121	Evidence for the existence of de novo lipogenesis in goose granulosa cells. <i>Poultry Science</i> , 2019, 98, 1023-1030.	1.5	27
122	Robust Point Set Registration Using Signature Quadratic Form Distance. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2097-2109.	6.2	27
123	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
124	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. <i>Theriogenology</i> , 2014, 82, 677-685.	0.9	26
125	Based on Cu(II) silicotungstate modified photoanode with long electron lifetime and enhanced performance in dye sensitized solar cells. <i>Journal of Power Sources</i> , 2015, 278, 527-533.	4.0	26
126	Metal recovery based magnetite near-infrared photocatalyst with broadband spectrum utilization property. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 456-464.	10.8	26

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127	“Double-tracking” Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019, 884, 109.	1.6	26
128	Effect of Overfeeding on Plasma Parameters and mRNA Expression of Genes Associated with Hepatic Lipogenesis in Geese. <i>Asian-Australasian Journal of Animal Sciences</i> , 2008, 21, 590-595.	2.4	26
129	Quantitative Evaluation of Vertebral Microvascular Permeability and Fat Fraction in Alloxan-induced Diabetic Rabbits. <i>Radiology</i> , 2018, 287, 128-136.	3.6	25
130	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
131	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
132	Rapid preparation of spinel Co ₃ O ₄ nanocrystals in aqueous phase by microwave irradiation. <i>Materials Research Bulletin</i> , 2006, 41, 2286-2290.	2.7	24
133	Enhance the performances of dye-sensitized solar cell by a new type of sensitizer to co-sensitize zinc oxide photoelectrode with ruthenium complex. <i>Dyes and Pigments</i> , 2012, 92, 1314-1319.	2.0	24
134	A general CPG network and its implementation on the microcontroller. <i>Neurocomputing</i> , 2015, 167, 299-305.	3.5	24
135	Establishment of an <i>in vitro</i> culture model of theca cells from hierarchical follicles in ducks. <i>Bioscience Reports</i> , 2017, 37, .	1.1	24
136	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
137	Effects of palmitic acid on lipid metabolism homeostasis and apoptosis in goose primary hepatocytes. <i>Molecular and Cellular Biochemistry</i> , 2011, 350, 39-46.	1.4	23
138	In ovo feeding of IGF-1 to ducks influences neonatal skeletal muscle hypertrophy and muscle mass growth upon satellite cell activation. <i>Journal of Cellular Physiology</i> , 2012, 227, 1465-1475.	2.0	23
139	Synthesis of highly photo-stable CuInS ₂ /ZnS core/shell quantum dots. <i>Optical Materials</i> , 2015, 47, 56-61.	1.7	23
140	Evidence in duck for supporting alteration of incubation temperature may have influence on methylation of genomic DNA. <i>Poultry Science</i> , 2015, 94, 2537-2545.	1.5	23
141	Fluorescent Carbon Quantum Dots Incorporated into Dye-Sensitized TiO ₂ Photoanodes with Dual Contributions. <i>ChemSusChem</i> , 2016, 9, 1498-1503.	3.6	23
142	Insulin Stimulates Goose Liver Cell Growth by Activating PI3K-AKT-mTOR Signal Pathway. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 558-570.	1.1	23
143	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
144	Lean blowoff behavior of cavity-stabilized flames in a supersonic combustor. <i>Aerospace Science and Technology</i> , 2021, 109, 106427.	2.5	23

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