

# Liang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/310366/publications.pdf>

Version: 2024-02-01

348  
papers

17,343  
citations

19657  
61  
h-index

18130  
120  
g-index

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.	10.0	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.	13.7	671
3	Highly Luminescent CuInS <sub>2</sub> /ZnS Core/Shell Nanocrystals: Cadmium-Free Quantum Dots for In Vivo Imaging. <i>Chemistry of Materials</i> , 2009, 21, 2422-2429.	6.7	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.	28.9	638
5	Enhancing the Stability of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> 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.	13.7	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.	13.7	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.	12.8	374
8	Highly Luminescent and Ultrastable CsPbBr <sub>3</sub> Perovskite Quantum Dots Incorporated into a Silica/Alumina Monolith. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8134-8138.	13.8	355
9	DeepPoseKit, a software toolkit for fast and robust animal pose estimation using deep learning. <i>ELife</i> , 2019, 8, .	6.0	337
10	Morphology Evolution and Degradation of CsPbBr <sub>3</sub> Nanocrystals under Blue Light-Emitting Diode Illumination. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7249-7258.	8.0	314
11	Tunneling Diode Based on WSe <sub>2</sub> /SnS <sub>2</sub> Heterostructure Incorporating High Detectivity and Responsivity. <i>Advanced Materials</i> , 2018, 30, 1703286.	21.0	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.	31.4	260
13	Emerging in-plane anisotropic two-dimensional materials. <i>Informa "Materials</i> , 2019, 1, 54-73.	17.3	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.	4.1	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.	13.8	224
16	2D GeP: An Unexploited Low-Symmetry Semiconductor with Strong In-Plane Anisotropy. <i>Advanced Materials</i> , 2018, 30, e1706771.	21.0	219
17	Self-powered photovoltaic photodetector established on lateral monolayer MoS <sub>2</sub> -WS <sub>2</sub> heterostructures. <i>Nano Energy</i> , 2018, 51, 45-53.	16.0	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.	2.6	201

#	ARTICLE	IF	CITATIONS
19	Recent Progress on 2D Noble-Transition-Metal Dichalcogenides. <i>Advanced Functional Materials</i> , 2019, 29, 1904932.	14.9	186
20	Ceramic-like stable CsPbBr <sub>3</sub> nanocrystals encapsulated in silica derived from molecular sieve templates. <i>Nature Communications</i> , 2020, 11, 31.	12.8	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.	3.1	183
22	Magnetic Biochar Decorated with ZnS Nanocrystals for Pb (II) Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 125-132.	6.7	180
23	Solution-Processed Inorganic Solar Cell Based on in Situ Synthesis and Film Deposition of CuInS <sub>2</sub> Nanocrystals. <i>Journal of the American Chemical Society</i> , 2010, 132, 22-23.	13.7	178
24	Few-Layered PtS <sub>2</sub> Phototransistor on h-BN with High Gain. <i>Advanced Functional Materials</i> , 2017, 27, 1701011.	14.9	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.	2.6	165
26	An Insight into the Role of Oxygen Vacancy in Hydrogenated TiO <sub>2</sub> Nanocrystals in the Performance of Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3754-3763.	8.0	165
27	Submillimeter 2D Bi <sub>2</sub> Se <sub>3</sub> Flakes toward High-Performance Infrared Photodetection at Optical Communication Wavelength. <i>Advanced Functional Materials</i> , 2018, 28, 1802707.	14.9	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.	12.4	143
29	Effect of Poly(ethylene glycol) Length on the in Vivo Behavior of Coated Quantum Dots. <i>Langmuir</i> , 2009, 25, 3040-3044.	3.5	142
30	Highly In-Plane Anisotropic 2D GeAs <sub>2</sub> for Polarization-Sensitive Photodetection. <i>Advanced Materials</i> , 2018, 30, e1804541.	21.0	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.	6.7	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.	5.5	117
33	Strong In-Plane Anisotropies of Optical and Electrical Response in Layered Dimetal Chalcogenide. <i>ACS Nano</i> , 2017, 11, 10264-10272.	14.6	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.	7.7	115
35	2D Ternary Chalcogenides. <i>Advanced Optical Materials</i> , 2018, 6, 1800058.	7.3	114
36	Ternary Ta <sub>2</sub> NiSe <sub>5</sub> Flakes for a High-Performance Infrared Photodetector. <i>Advanced Functional Materials</i> , 2016, 26, 8281-8289.	14.9	112

#	ARTICLE	IF	CITATIONS
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.	5.2	105
38	Broken-Gap PtS <sub>2</sub> /WSe <sub>2</sub> van der Waals Heterojunction with Ultrahigh Reverse Rectification and Fast Photoresponse. <i>ACS Nano</i> , 2021, 15, 8328-8337.	14.6	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.	4.5	99
40	Generalized Synthesis of Hybrid Metal-Semiconductor Nanostructures Tunable from the Visible to the Infrared. <i>ACS Nano</i> , 2012, 6, 3832-3840.	14.6	99
41	Postsynthesis Phase Transformation for CsPbBr <sub>3</sub> /Rb <sub>4</sub> PbBr <sub>6</sub> Core/Shell Nanocrystals with Exceptional Photostability. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23303-23310.	8.0	98
42	Postsynthesis Potassium Modification Method to Improve Stability of CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>Advanced Optical Materials</i> , 2018, 6, 1701106.	7.3	95
43	Chemical Vapor Deposition Growth of High Crystallinity Sb <sub>2</sub> Se <sub>3</sub> Nanowire with Strong Anisotropy for Near-Infrared Photodetectors. <i>Small</i> , 2019, 15, e1805307.	10.0	93
44	β-Cyclodextrin stabilized magnetic Fe <sub>3</sub> S <sub>4</sub> nanoparticles for efficient removal of Pb(II). <i>Journal of Materials Chemistry A</i> , 2015, 3, 15755-15763.	10.3	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.	13.7	91
46	Two-dimensional inorganic molecular crystals. <i>Nature Communications</i> , 2019, 10, 4728.	12.8	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.	4.5	90
48	Defect-mediated phase transition temperature of VO <sub>2</sub> (M) nanoparticles with excellent thermochromic performance and low threshold voltage. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4520.	10.3	90
49	Liquid-Alloy-Assisted Growth of 2D Ternary Ga <sub>2</sub> In <sub>4</sub> S <sub>9</sub> toward High-Performance UV Photodetection. <i>Advanced Materials</i> , 2019, 31, e1806306.	21.0	90
50	Self-Limited Epitaxial Growth of Ultrathin Nonlayered CdS Flakes for High-Performance Photodetectors. <i>Advanced Functional Materials</i> , 2018, 28, 1800181.	14.9	86
51	A wafer-scale van der Waals dielectric made from an inorganic molecular crystal film. <i>Nature Electronics</i> , 2021, 4, 906-913.	26.0	86
52	Vortex phase matching as a strategy for schooling in robots and in fish. <i>Nature Communications</i> , 2020, 11, 5408.	12.8	85
53	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. <i>Theranostics</i> , 2020, 10, 7231-7244.	10.0	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.	13.8	80

#	ARTICLE	IF	CITATIONS
55	Ultraeffective ZnS Nanocrystals Sorbent for Mercury(II) Removal Based on Size-Dependent Cation Exchange. ACS Applied Materials & Interfaces, 2014, 6, 18026-18032.	8.0	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.	2.4	73
57	Efficient removal of Pb( $\text{II}$ ) from water using magnetic $\text{Fe}_3\text{O}_4$ /reduced graphene oxide composites. Journal of Materials Chemistry A, 2017, 5, 19333-19342.	10.3	72
58	Nonlayered Two-Dimensional Defective Semiconductor $\text{In}_2\text{S}_3$ toward Broadband Photodetection. ACS Nano, 2019, 13, 6297-6307.	14.6	72
59	Enhanced Near-Infrared to Visible Upconversion Nanoparticles of $\text{Ho}^{3+}$ - $\text{Yb}^{3+}$ - $\text{F}^{3+}$ Tri-Doped $\text{TiO}_2$ and Its Application in Dye-Sensitized Solar Cells with 37% Improvement in Power Conversion Efficiency. Inorganic Chemistry, 2014, 53, 8045-8053.	4.0	71
60	A Self-Powered Photovoltaic Photodetector Based on a Lateral $\text{WSe}_2$ - $\text{WSe}_2$ Homojunction. ACS Applied Materials & Interfaces, 2020, 12, 44934-44942.	8.0	71
61	Infection of <i>Ustilaginoidea virens</i> intercepts rice seed formation but activates grain-filling-related genes. Journal of Integrative Plant Biology, 2015, 57, 577-590.	8.5	67
62	Maximization of energy absorption for a wave energy converter using the deep machine learning. Energy, 2018, 165, 340-349.	8.8	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.	3.1	59
64	Dynamic response and power production of a floating integrated wind, wave and tidal energy system. Renewable Energy, 2018, 116, 412-422.	8.9	58
65	Large-Scale Synthesis of Highly Luminescent Perovskite Nanocrystals by Template-Assisted Solid-State Reaction at 800 $^{\circ}\text{C}$ . Chemistry of Materials, 2020, 32, 308-314.	6.7	57
66	$\text{Er}^{3+}$ and $\text{Yb}^{3+}$ co-doped $\text{TiO}_2$ 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.	7.8	55
67	Sizes of water-soluble luminescent quantum dots measured by fluorescence correlation spectroscopy. Analytica Chimica Acta, 2005, 546, 46-51.	5.4	53
68	Non-blinking (Zn)CuInS/ZnS Quantum Dots Prepared by In Situ Interfacial Alloying Approach. Scientific Reports, 2015, 5, 15227.	3.3	52
69	Three-Dimensional Modeling of a Fin-Actuated Robotic Fish With Multimodal Swimming. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1641-1652.	5.8	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, .	7.1	49
71	A general non- $\text{CH}_3\text{NH}_3\text{X}$ ( $\text{X} = \text{I}, \text{Br}$ ) one-step deposition of $\text{CH}_3\text{NH}_3\text{PbX}_3$ perovskite for high performance solar cells. Journal of Materials Chemistry A, 2016, 4, 3245-3248.	10.3	47
72	Comparative photoluminescence study of close-packed and colloidal InP/ZnS quantum dots. Applied Physics Letters, 2010, 96, 073102.	3.3	44

#	ARTICLE	IF	CITATIONS
73	Highly stable CuInS <sub>2</sub> @ZnS:Al core@shell quantum dots: the role of aluminium self-passivation. Chemical Communications, 2015, 51, 8757-8760.	4.1	44
74	Fast Photothermoelectric Response in CVD-Grown PdSe <sub>2</sub> Photodetectors with In-Plane Anisotropy. Advanced Functional Materials, 2021, 31, 2104787.	14.9	44
75	Constraining the Type of Central Engine of GRBs with Swift Data. Astrophysical Journal, Supplement Series, 2018, 236, 26.	7.7	43
76	Residence time distributions of different size particles in the spray zone of a Wurster fluid bed studied using DEM-CFD. Powder Technology, 2015, 280, 124-134.	4.2	42
77	Wind field effect on the power generation and aerodynamic performance of offshore floating wind turbines. Energy, 2018, 157, 379-390.	8.8	42
78	Enhance the performance of dye-sensitized solar cells by co-sensitization of 2,6-bis(iminoalkyl)pyridine and N719. RSC Advances, 2013, 3, 25908.	3.6	40
79	Hydrofluoroethers as orthogonal solvents for all-solution processed perovskite quantum-dot light-emitting diodes. Nano Energy, 2018, 51, 358-365.	16.0	40
80	An asymmetric hot carrier tunneling van der Waals heterostructure for multibit optoelectronic memory. Materials Horizons, 2020, 7, 1331-1340.	12.2	40
81	Confined Synthesis of Stable and Uniform CsPbBr <sub>3</sub> Nanocrystals with High Quantum Yield up to 90% by High Temperature Solid-State Reaction. Advanced Optical Materials, 2021, 9, 2002130.	7.3	40
82	Leptin exerts proliferative and anti-apoptotic effects on goose granulosa cells through the PI3K/Akt/mTOR signaling pathway. Journal of Steroid Biochemistry and Molecular Biology, 2015, 149, 70-79.	2.5	39
83	Band edge movement in dye sensitized Sm-doped TiO <sub>2</sub> solar cells: a study by variable temperature spectroelectrochemistry. RSC Advances, 2015, 5, 70512-70521.	3.6	39
84	On the sensitivity and uncertainty of wave energy conversion with an artificial neural-network-based controller. Ocean Engineering, 2019, 183, 282-293.	4.3	39
85	Narrow-Band Violet-Light-Emitting Diodes Based on Stable Cesium Lead Chloride Perovskite Nanocrystals. ACS Energy Letters, 2021, 6, 3545-3554.	17.4	39
86	CdTe@Co(OH) <sub>2</sub> (core-shell) nanoparticles: aqueous synthesis and characterization. Chemical Communications, 2005, , 4083.	4.1	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. Physical Chemistry Chemical Physics, 2015, 17, 1273-1280.	2.8	38
88	A hybridizable discontinuous Galerkin method for solving nonlocal optical response models. Computer Physics Communications, 2017, 219, 99-107.	7.5	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. Frontiers in Genetics, 2019, 10, 988.	2.3	38
90	Model test research of a semisubmersible floating wind turbine with an improved deficient thrust force correction approach. Renewable Energy, 2018, 119, 95-105.	8.9	37

#	ARTICLE	IF	CITATIONS
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.	7.7	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.	10.0	36
93	Time-resolved photoluminescence study of $\text{CuInS}_2/\text{ZnS}$ nanocrystals. <i>Journal of Family Business Management</i> , 2010, 1, 025007.	3.4	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.	2.5	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.	10.3	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, .	13.8	34
98	$\text{CaF}_2$ -Based Near-Infrared Photocatalyst Using the Multifunctional $\text{CaTiO}_3$ Precursors as the Calcium Source. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20170-20178.	8.0	33
99	Enhancing the stability of $\text{CsPbBr}_3$ nanocrystals by sequential surface adsorption of $\text{S}^{2-}$ and metal ions. <i>Chemical Communications</i> , 2018, 54, 9345-9348.	4.1	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.	5.6	33
101	PEPT study of particle cycle and residence time distributions in a $\text{W}$ urster fluid bed. <i>AIChE Journal</i> , 2015, 61, 756-768.	3.6	32
102	Boosting photocatalytic performance and stability of $\text{CuInS}_2/\text{ZnS}-\text{TiO}_2$ heterostructures via sol-gel processed integrate amorphous titania gel. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 403-410.	20.2	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.	5.1	32
104	Bifunctional Passivation Strategy to Achieve Stable $\text{CsPbBr}_3$ Nanocrystals with Drastically Reduced Thermal-Quenching. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 993-999.	4.6	32
105	Band Gap Engineering toward Wavelength Tunable $\text{CsPbBr}_3$ Nanocrystals for Achieving Rec. 2020 Displays. <i>Chemistry of Materials</i> , 2021, 33, 3575-3584.	6.7	32
106	A Submicrosecond-Response Ultraviolet-Visible-Near-Infrared Broadband Photodetector Based on 2D Tellurosilicate $\text{InSiTe}_3$ . <i>ACS Nano</i> , 2022, 16, 7745-7754.	14.6	32
107	A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. <i>Astrophysical Journal</i> , 2015, 805, 13.	4.5	31
108	Dynamic and structural performances of offshore floating wind turbines in turbulent wind flow. <i>Ocean Engineering</i> , 2019, 179, 92-103.	4.3	31



#	ARTICLE	IF	CITATIONS
109	The role of insulin and glucose in goose primary hepatocyte triglyceride accumulation. Journal of Experimental Biology, 2009, 212, 1553-1558.	1.7	30
110	Short-term extreme response and fatigue damage of an integrated offshore renewable energy system. Renewable Energy, 2018, 126, 617-629.	8.9	30
111	Bumblebees perceive the spatial layout of their environment in relation to their body size and form to minimize inflight collisions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31494-31499.	7.1	30
112	Rapid Electron Injection in Nitrogen- and Fluorine-Doped Flower-Like Anatase TiO <sub>2</sub> with {001} Dominated Facets and Dye-Sensitized Solar Cells with a 52% Increase in Photocurrent. Journal of Physical Chemistry C, 2014, 118, 8795-8802.	3.1	29
113	CsPbBr <sub>3</sub> Nanocrystal Light-Emitting Diodes with Efficiency up to 13.4% Achieved by Careful Surface Engineering and Device Engineering. Journal of Physical Chemistry C, 2021, 125, 3110-3118.	3.1	29
114	Size-dependent nanocrystal sorbent for copper removal from water. Chemical Engineering Journal, 2016, 284, 565-570.	12.7	28
115	Ultrathin GaGeTe p-type transistors. Applied Physics Letters, 2017, 111, .	3.3	28
116	Lignite-derived carbon quantum dot/TiO <sub>2</sub> heterostructure nanocomposites: photoinduced charge transfer properties and enhanced visible light photocatalytic activity. New Journal of Chemistry, 2019, 43, 18355-18368.	2.8	28
117	Analysis of the coupled dynamic response of an offshore floating multi-purpose platform for the Blue Economy. Ocean Engineering, 2020, 217, 107943.	4.3	28
118	Simultaneous reduction and sequestration of hexavalent chromium by magnetic $\beta$ -Cyclodextrin stabilized Fe <sub>3</sub> S <sub>4</sub> . Journal of Hazardous Materials, 2022, 431, 128592.	12.4	28
119	Investigation on long-term extreme response of an integrated offshore renewable energy device with a modified environmental contour method. Renewable Energy, 2019, 132, 33-42.	8.9	27
120	Thermal Components in Gamma-Ray Bursts. I. How Do They Affect Nonthermal Spectral Parameters?. Astrophysical Journal, Supplement Series, 2019, 245, 7.	7.7	27
121	Evidence for the existence of de novo lipogenesis in goose granulosa cells. Poultry Science, 2019, 98, 1023-1030.	3.4	27
122	Robust Point Set Registration Using Signature Quadratic Form Distance. IEEE Transactions on Cybernetics, 2020, 50, 2097-2109.	9.5	27
123	Removal and recovery of chloride ions in concentrated leachate by Bi(III) containing oxides quantum dots/two-dimensional flakes. Journal of Hazardous Materials, 2020, 382, 121041.	12.4	27
124	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. Theriogenology, 2014, 82, 677-685.	2.1	26
125	Based on Cu(II) silicotungstate modified photoanode with long electron lifetime and enhanced performance in dye sensitized solar cells. Journal of Power Sources, 2015, 278, 527-533.	7.8	26
126	Metal recovery based magnetite near-infrared photocatalyst with broadband spectrum utilization property. Applied Catalysis B: Environmental, 2016, 181, 456-464.	20.2	26



#	ARTICLE	IF	CITATIONS
127	“Double-tracking” Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019, 884, 109.	4.5	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.	7.3	25
130	Dynamic characteristics of lipid metabolism in cultured granulosa cells from geese follicles at different developmental stages. <i>Bioscience Reports</i> , 2019, 39, .	2.4	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.	7.4	25
132	Rapid preparation of spinel Co <sub>3</sub> O <sub>4</sub> nanocrystals in aqueous phase by microwave irradiation. <i>Materials Research Bulletin</i> , 2006, 41, 2286-2290.	5.2	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.	3.7	24
134	A general CPG network and its implementation on the microcontroller. <i>Neurocomputing</i> , 2015, 167, 299-305.	5.9	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, .	2.4	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.	8.8	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.	3.1	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.	4.1	23
139	Synthesis of highly photo-stable CuInS <sub>2</sub> /ZnS core/shell quantum dots. <i>Optical Materials</i> , 2015, 47, 56-61.	3.6	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.	3.4	23
141	Fluorescent Carbon Quantum Dots Incorporated into Dye-Sensitized TiO <sub>2</sub> Photoanodes with Dual Contributions. <i>ChemSusChem</i> , 2016, 9, 1498-1503.	6.8	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.	1.6	23
143	High-efficiency perovskite nanocrystal light-emitting diodes <i>via</i> decorating NiO <sub>x</sub> on the nanocrystal surface. <i>Nanoscale</i> , 2020, 12, 8711-8719.	5.6	23
144	Lean blowoff behavior of cavity-stabilized flames in a supersonic combustor. <i>Aerospace Science and Technology</i> , 2021, 109, 106427.	4.8	23

#	ARTICLE	IF	CITATIONS
145	MyoD expression profile and developmental differences of leg and breast muscle in Peking duck (Anas) Tj ETQq1 1 0.784314rgBT /Over	2.2	22
146	High efficiency co-sensitized solar cell based on luminescent lanthanide complexes with pyridine-2,6-dicarboxylic acid ligands. Dalton Transactions, 2012, 41, 10619.	3.3	22
147	Removal of arsenic( $\text{As}^{3+}$ ) from aqueous solutions using sulfur-doped $\text{Fe}_3\text{O}_4$ nanoparticles. RSC Advances, 2018, 8, 40804-40812.	3.6	22
148	Steady hydrodynamic interaction between human swimmers. Journal of the Royal Society Interface, 2019, 16, 20180768.	3.4	22
149	Thermal Components in Gamma-Ray Bursts. II. Constraining the Hybrid Jet Model. Astrophysical Journal, 2020, 894, 100.	4.5	22
150	Bayesian Time-resolved Spectroscopy of Multipulse GRBs: Variations of Emission Properties among Pulses. Astrophysical Journal, Supplement Series, 2021, 254, 35.	7.7	22
151	Thermal Conductivity of Few-Layer $\text{PtS}_2$ and $\text{PtSe}_2$ Obtained from Optothermal Raman Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 16129-16135.	3.1	22
152	REVISITING THE EMISSION FROM RELATIVISTIC BLAST WAVES IN A DENSITY-JUMP MEDIUM. Astrophysical Journal, 2014, 792, 31.	4.5	21
153	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.	6.3	21
154	A 14-bp insertion in endothelin receptor B-like (EDNRB2) is associated with white plumage in Chinese geese. BMC Genomics, 2020, 21, 162.	2.8	21
155	Scaling strategies for multi-purpose floating structures physical modeling: state of art and new perspectives. Applied Ocean Research, 2021, 108, 102487.	4.1	21
156	The comprehensive mechanisms underlying nonhierarchical follicular development in geese (Anser) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	20
157	Stable and Flexible $\text{CuInS}_2/\text{ZnS:Al-TiO}_2$ Film for Solar-Light-Driven Photodegradation of Soil Fumigant. ACS Applied Materials & Interfaces, 2016, 8, 20048-20056.	8.0	20
158	A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. Astrophysical Journal, Supplement Series, 2018, 234, 26.	7.7	20
159	Predictive Value of Temporal Muscle Thickness Measurements on Cranial Magnetic Resonance Images in the Prognosis of Patients With Primary Glioblastoma. Frontiers in Neurology, 2020, 11, 523292.	2.4	20
160	Using a robotic platform to study the influence of relative tailbeat phase on the energetic costs of side-by-side swimming in fish. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20200810.	2.1	20
161	Transcriptome Analysis of the Hippocampus in Novel Rat Model of Febrile Seizures. PLoS ONE, 2014, 9, e95237.	2.5	19
162	Enhancement of Thermoelectric Properties in $\text{Bi}_{1-x}\text{Sb}_x\text{Te}$ Alloy Nanowires by Pulsed Electrodeposition. Energy Technology, 2015, 3, 825-829.	3.8	19

#	ARTICLE	IF	CITATIONS
163	POD-based model order reduction with an adaptive snapshot selection for a discontinuous Galerkin approximation of the time-domain Maxwell's equations. Journal of Computational Physics, 2019, 396, 106-128.	3.8	19
164	Bmp4 inhibits goose granulosa cell apoptosis via PI3K/AKT/Caspase-9 signaling pathway. Animal Reproduction Science, 2019, 200, 86-95.	1.5	19
165	Accurately Discriminating COVID-19 from Viral and Bacterial Pneumonia According to CT Images Via Deep Learning. Interdisciplinary Sciences, Computational Life Sciences, 2021, 13, 273-285.	3.6	19
166	2D Silicon-Based Semiconductor Si <sub>2</sub> Te <sub>3</sub> toward Broadband Photodetection. Small, 2021, 17, e2006496.	10.0	19
167	The role of LXR $\pm$ in goose primary hepatocyte lipogenesis. Molecular and Cellular Biochemistry, 2009, 322, 37-42.	3.1	18
168	Hybrid Filtering Framework Based Robust Localization for Industrial Vehicles. IEEE Transactions on Industrial Informatics, 2018, 14, 941-950.	11.3	18
169	Development and multicenter validation of a CT-based radiomics signature for predicting severe COVID-19 pneumonia. European Radiology, 2021, 31, 7901-7912.	4.5	18
170	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. III. BRIGHTNESS DISTRIBUTIONS AND LUMINOSITY FUNCTIONS OF OPTICAL AFTERGLOWS. Astrophysical Journal, 2013, 774, 132.	4.5	17
171	Transcription Factors GATA-4 and GATA-6: Molecular Characterization, Expression Patterns and Possible Functions During Goose ( <i>Anser cygnoides</i> ) Follicle Development. Journal of Reproduction and Development, 2014, 60, 83-91.	1.4	17
172	Tuning emission and Stokes shift of CdS quantum dots via copper and indium co-doping. RSC Advances, 2015, 5, 628-634.	3.6	17
173	Raman investigation of layered ZrGeTe <sub>4</sub> semiconductor. Applied Physics Letters, 2019, 114, .	3.3	17
174	On the $\hat{I}$ - $\hat{a}$ intensity correlation in gamma-ray bursts: subphotospheric heating with varying entropy. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1912-1925.	4.4	17
175	Make Smart Decisions Faster: Deciding D2D Resource Allocation via Stackelberg Game Guided Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Mobile Computing, 2022, 21, 4426-4438.	5.8	17
176	Evenly distribution of amorphous iron sulfides on reconstructed Mg-Al hydrotalcites for improving Cr(VI) removal efficiency. Chemical Engineering Journal, 2021, 417, 129228.	12.7	17
177	Magnetic Adsorbents for Wastewater Treatment: Advancements in Their Synthesis Methods. Materials, 2022, 15, 1053.	2.9	17
178	Molecular cloning, expression profile and transcriptional modulation of two splice variants of very low density lipoprotein receptor during ovarian follicle development in geese ( <i>Anser cygnoide</i> ). Animal Reproduction Science, 2014, 149, 281-296.	1.5	16
179	A phylogenetic analysis and new delimitation of <i>Crepidiastrum</i> (Asteraceae, tribe Cichorieae). Phytotaxa, 2014, 159, 241.	0.3	16
180	Evolutionary Pattern and Regulation Analysis to Support Why Diversity Functions Existed within PPAR Gene Family Members. BioMed Research International, 2015, 2015, 1-11.	1.9	16

#	ARTICLE	IF	CITATIONS
181	Bottom-level motion control for robotic fish to swim in groups: modeling and experiments. <i>Bioinspiration and Biomimetics</i> , 2019, 14, 046001.	2.9	16
182	CFD based parameter tuning for motion control of robotic fish. <i>Bioinspiration and Biomimetics</i> , 2020, 15, 026008.	2.9	16
183	Metal Halide Perovskite Nanocrystals in Metal-Organic Framework Host: Not Merely Enhanced Stability. <i>Angewandte Chemie</i> , 2021, 133, 7564-7577.	2.0	16
184	Thermal manipulation during the middle incubation stage has a repressive effect on the immune organ development of Peking ducklings. <i>Journal of Thermal Biology</i> , 2013, 38, 520-523.	2.5	15
185	Molecular characterization, tissue distribution, and expression of two ovarian Dicer isoforms during follicle development in goose ( <i>Anser cygnoides</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 170, 33-41.	1.6	15
186	Dynamic responses of a semi-type offshore floating wind turbine during normal state and emergency shutdown. <i>China Ocean Engineering</i> , 2016, 30, 97-112.	1.6	15
187	Free-Surface Effects on Interaction of Multiple Ships Moving at Different Speeds. <i>Journal of Ship Research</i> , 2019, 63, 251-267.	1.1	15
188	A DEM-based mechanistic model for scale-up of industrial tablet coating processes. <i>Powder Technology</i> , 2020, 364, 698-707.	4.2	15
189	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.	7.7	15
190	Transcriptome analysis revealed the possible regulatory pathways initiating female geese broodiness within the hypothalamic-pituitary-gonadal axis. <i>PLoS ONE</i> , 2018, 13, e0191213.	2.5	15
191	Solution-Based In Situ Synthesis and Fabrication of Ultrasensitive CdSe Photoconductors. <i>Advanced Materials</i> , 2010, 22, 5366-5369.	21.0	14
192	Cooperation of luteinizing hormone signaling pathways in preovulatory avian follicles regulates circadian clock expression in granulosa cell. <i>Molecular and Cellular Biochemistry</i> , 2014, 394, 31-41.	3.1	14
193	Impact of thermal stress during incubation on gene expression in embryonic muscle of Peking ducks ( <i>Anas platyrhynchos domestica</i> ). <i>Journal of Thermal Biology</i> , 2015, 53, 80-89.	2.5	14
194	Quantitative Aortic Distensibility Measurement Using CT in Patients with Abdominal Aortic Aneurysm: Reproducibility and Clinical Relevance. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	14
195	Screening and identification of differentially expressed genes in goose hepatocytes exposed to free fatty acid. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1482-1492.	2.6	13
196	Developmental expression and alternative splicing of the duck myostatin gene. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 238-243.	1.0	13
197	Characterization of in vitro cultured myoblasts isolated from duck ( <i>Anas platyrhynchos</i> ) embryo. <i>Cytotechnology</i> , 2011, 63, 399-406.	1.6	13
198	Molecular cloning and in silico analysis of the duck ( <i>Anas platyrhynchos</i> ) MEF2A gene cDNA and its expression profile in muscle tissues during fetal development. <i>Genetics and Molecular Biology</i> , 2012, 35, 182-190.	1.3	13

#	ARTICLE	IF	CITATIONS
199	Numerical simulation of crucible rotation in high-temperature solution growth method using a Fourier-Legendre spectral element method. <i>International Journal of Heat and Mass Transfer</i> , 2013, 64, 882-891.	4.8	13
200	Histological and Developmental Study of Prehierarchical Follicles in Geese. <i>Folia Biologica</i> , 2014, 62, 171-177.	0.5	13
201	Enhanced photovoltaic performance of dye-sensitized solar cells by the strategy of introducing copper(II) silicotungstate into photoanode and counter electrode. <i>Journal of Power Sources</i> , 2016, 327, 465-473.	7.8	13
202	Nickel silicotungstate-decorated Pt photocathode as an efficient catalyst for triiodide reduction in dye-sensitized solar cells. <i>Dalton Transactions</i> , 2016, 45, 16859-16868.	3.3	13
203	A hybrid-mesh hybridizable discontinuous Galerkin method for solving the time-harmonic Maxwell's equations. <i>Applied Mathematics Letters</i> , 2017, 68, 109-116.	2.7	13
204	Multi-Stable Mechanism of an Oscillating-Body Wave Energy Converter. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 500-508.	8.8	13
205	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.	5.0	13
206	Enhancing the performance of LARP-synthesized CsPbBr <sub>3</sub> nanocrystal LEDs by employing a dual hole injection layer. <i>RSC Advances</i> , 2020, 10, 17653-17659.	3.6	13
207	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.	5.3	13
208	Aqueous synthesis of CdTe@FeOOH and CdTe@Ni(OH) <sub>2</sub> composited nanoparticles. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1814-1820.	2.9	12
209	Injection of duck recombinant follistatin fusion protein into duck muscle tissues stimulates satellite cell proliferation and muscle fiber hypertrophy. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1255-1263.	3.6	12
210	Synthesis of lead halide perovskite nanocrystals by melt crystallization in halide salts. <i>Chemical Communications</i> , 2020, 56, 11291-11294.	4.1	12
211	Fish can save energy via proprioceptive sensing. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 056013.	2.9	12
212	Globally Optimal Fetoscopic Mosaicking Based on Pose Graph Optimisation With Affine Constraints. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 7831-7838.	5.1	12
213	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.	3.1	12
214	Prevalence of Extra Power-Law Spectral Components in Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2021, 922, 255.	4.5	12
215	Time-resolved photoluminescence measurements of InP/ZnS quantum dots. <i>Journal of Physics: Conference Series</i> , 2009, 187, 012014.	0.4	11
216	Cloning and expression of stearyl-CoA desaturase 1 (SCD-1) in the liver of the Sichuan white goose and landes goose responding to overfeeding. <i>Molecular Biology Reports</i> , 2011, 38, 3417-3425.	2.3	11

#	ARTICLE	IF	CITATIONS
217	Thermal conductivity of a single Bi <sub>0.5</sub> Sb <sub>1.5</sub> Te <sub>3</sub> single-crystalline nanowire. Nanotechnology, 2014, 25, 415704.	2.6	11
218	Influence of in ovo thermal manipulation on lipid metabolism in embryonic duck liver. Journal of Thermal Biology, 2014, 43, 40-45.	2.5	11
219	Decatungstate acid improves the photo-induced electron lifetime and retards the recombination in dye sensitized solar cells. Dalton Transactions, 2016, 45, 14940-14947.	3.3	11
220	A reduced-order DG formulation based on POD method for the time-domain Maxwell's equations in dispersive media. Journal of Computational and Applied Mathematics, 2018, 336, 249-266.	2.0	11
221	High-pressure Raman scattering and x-ray diffraction studies of MgTa <sub>2</sub> O <sub>6</sub> . AIP Advances, 2020, 10, .	1.3	11
222	Identification of differentially expressed genes between hepatocytes of Landes geese (Anser anser) and Sichuan White geese (Anser cygnoides). Molecular Biology Reports, 2010, 37, 4059-4066.	2.3	10
223	The effects of endoplasmic reticulum stress response on duck decorin stimulate myotube hypertrophy in myoblasts. Molecular and Cellular Biochemistry, 2013, 377, 151-161.	3.1	10
224	Transcriptional Profiling Identifies Location-Specific and Breed-Specific Differentially Expressed Genes in Embryonic Myogenesis in Anas Platyrhynchos. PLoS ONE, 2015, 10, e0143378.	2.5	10
225	A detailed study on the working mechanism of a heteropoly acid modified TiO <sub>2</sub> photoanode for efficient dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2015, 17, 6778-6785.	2.8	10
226	Synthesis of novel magnetic sulfur-doped Fe <sub>3</sub> O <sub>4</sub> nanoparticles for efficient removal of Pb(II). Science China Chemistry, 2018, 61, 164-171.	8.2	10
227	The Raman scattering of trirutile structure MgTa <sub>2</sub> O <sub>6</sub> single crystals grown by the optical floating zone method. RSC Advances, 2019, 9, 839-843.	3.6	10
228	Ultimate structural and fatigue damage loads of a spar-type floating wind turbine. Ships and Offshore Structures, 2019, 14, 582-588.	1.9	10
229	Vibration control of a rotating hub-plate with enhanced active constrained layer damping treatment. Aerospace Science and Technology, 2021, 118, 107081.	4.8	10
230	Efficient WENOCU4 scheme with three different adaptive switches. Journal of Zhejiang University: Science A, 2020, 21, 695-720.	2.4	10
231	Chlorophyll derivative intercalation into Nb <sub>2</sub> C MXene for lithium-ion energy storage. Journal of Materials Science, 2022, 57, 9971-9979.	3.7	10
232	A Fourier-Legendre spectral element method in polar coordinates. Journal of Computational Physics, 2012, 231, 666-675.	3.8	9
233	Six1 induces protein synthesis signaling expression in duck myoblasts mainly via up-regulation of mTOR. Genetics and Molecular Biology, 2016, 39, 151-161.	1.3	9
234	Akirin2 could promote the proliferation but not the differentiation of duck myoblasts via the activation of the mTOR/p70S6K signaling pathway. International Journal of Biochemistry and Cell Biology, 2016, 79, 298-307.	2.8	9



#	ARTICLE	IF	CITATIONS
235	Wash wave effects on ships moored in ports. <i>Applied Ocean Research</i> , 2018, 77, 89-105.	4.1	9
236	Investigation on the unsteady hydrodynamic loads of ship passing by bridge piers by a 3-D boundary element method. <i>Engineering Analysis With Boundary Elements</i> , 2018, 94, 122-133.	3.7	9
237	Effect of the Electronic Structure on the Stability of CdSe/CdS and CdSe/CdS/ZnS Quantum-Dot Phosphors Incorporated into a Silica/Alumina Monolith. <i>ACS Applied Nano Materials</i> , 2018, 1, 3086-3090.	5.0	9
238	Growth and properties of spinel structure $\text{Zn}_{1.8}\text{Co}_{0.2}\text{TiO}_4$ single crystals by the optical floating zone method. <i>RSC Advances</i> , 2019, 9, 26436-26441.	3.6	9
239	Laboratory and field tests and distinct element analysis of dry granular flows and segregation processes. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 181-199.	3.6	9
240	Dissecting the Energy Budget of a Gamma-Ray Burst Fireball. <i>Astrophysical Journal Letters</i> , 2021, 909, L3.	8.3	9
241	Non-Intrusive Reduced-Order Modeling of Parameterized Electromagnetic Scattering Problems using Cubic Spline Interpolation. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	2.3	9
242	Nano ferric oxide adsorbents with self-acidification effect for efficient adsorption of Sb(V). <i>Chemosphere</i> , 2021, 272, 129933.	8.2	9
243	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.	8.0	9
244	Effect of Drag Models on Residence Time Distributions of Particles in a Wurster Fluidized Bed: a DEM-CFD Study. <i>KONA Powder and Particle Journal</i> , 2016, 33, 264-277.	1.7	8
245	A promising solution to the limits of microscopes for smooth surfaces: fluorophore-aided scattering microscopy. <i>Nanoscale</i> , 2018, 10, 9484-9488.	5.6	8
246	The effect of base column on vortex-induced vibration of a circular cylinder with low aspect ratio. <i>Ocean Engineering</i> , 2020, 196, 106822.	4.3	8
247	An Efficient Low-Dissipation Hybrid Central/WENO Scheme for Compressible Flows. <i>International Journal of Computational Fluid Dynamics</i> , 2020, 34, 705-730.	1.2	8
248	Energy Saving of Schooling Robotic Fish in Three-Dimensional Formations. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1694-1699.	5.1	8
249	The parental magma composition, crustal contamination process, and metallogenesis of the Shitoukengde $\text{Ni}\text{-}\text{Cu}$ sulfide deposit in the Eastern Kunlun Orogenic Belt, NW China. <i>Resource Geology</i> , 2021, 71, 339-362.	0.8	8
250	Maximization of wave power extraction of a heave point absorber with a sea-state-based causal control algorithm. <i>Energy</i> , 2020, 204, 117881.	8.8	8
251	High-Efficiency Semitransparent Light-Emitting Diodes with Perovskite Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19697-19703.	8.0	8
252	Molecular evolutionary analysis of the duck MYOD gene family and its differential expression pattern in breast muscle development. <i>British Poultry Science</i> , 2011, 52, 423-431.	1.7	7



#	ARTICLE	IF	CITATIONS
253	Effects of linoleate on cell viability and lipid metabolic homeostasis in goose primary hepatocytes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 113-118.	1.8	7
254	Mechanism of performance enhancement via fluorine doped titanium dioxide nanoparticles in dye sensitized solar cells. Journal of Fluorine Chemistry, 2015, 176, 71-77.	1.7	7
255	Rhythmic expression of circadian clock genes in the preovulatory ovarian follicles of the laying hen. PLoS ONE, 2017, 12, e0179019.	2.5	7
256	Transcriptome reveals B lymphocyte apoptosis in duck embryonic bursa of Fabricius mediated by mitochondrial and Fas signaling pathways. Molecular Immunology, 2018, 101, 120-129.	2.2	7
257	Evidences in duck ( <i>Anas platyrhynchos</i> ) by transcriptome data for supporting the biliverdin was mainly synthesized by shell gland. Poultry Science, 2019, 98, 2260-2271.	3.4	7
258	Low-rank tensor completion with sparse regularization in a transformed domain. Numerical Linear Algebra With Applications, 2021, 28, e2387.	1.6	7
259	Gene expression patterns, and protein metabolic and histological analyses for muscle development in Peking duck. Poultry Science, 2014, 93, 3104-3111.	3.4	6
260	Optimized synthesis of CuInS <sub>2</sub> /ZnS:Al-TiO <sub>2</sub> nanocomposites for 1,3-dichloropropene photodegradation. RSC Advances, 2016, 6, 77777-77785.	3.6	6
261	Discovery, Characterization, and Functional Study of a Novel MEF2D CAG Repeat in Duck ( <i>Anas</i> ) Tj ETQq1 <sub>1.9</sub> 0.784314 rgBT /O	1.9	6
262	Obstacle effects on electrocommunication with applications to object detection of underwater robots. Bioinspiration and Biomimetics, 2019, 14, 056011.	2.9	6
263	Robust Localization for Intelligent Vehicles Based on Pole-Like Features Using the Point Cloud. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1095-1108.	5.2	6
264	Radiomics analysis enables fatal outcome prediction for hospitalized patients with coronavirus disease 2019 (COVID-19). Acta Radiologica, 2021, , 028418512199469.	1.1	6
265	Synthesizing High-b-Value Diffusion-weighted Imaging of the Prostate Using Generative Adversarial Networks. Radiology: Artificial Intelligence, 2021, 3, e200237.	5.8	6
266	miR-365 inhibits duck myoblast proliferation by targeting IGF-I via PI3K/Akt pathway. Bioscience Reports, 2019, 39, .	2.4	6
267	Correlation between Microsatellite Loci and Onset of Lay and Egg Quality Traits in Chinese Silkies, Gallus gallus. Journal of Poultry Science, 2008, 45, 241-248.	1.6	5
268	Self-assembled synthesis and surface photovoltage properties of polyhedron-constructed micrometer solid sphere and hollow-sphere In <sub>2</sub> S <sub>3</sub> . RSC Advances, 2014, 4, 17245-17248.	3.6	5
269	Preparation of Thermo-Sensitive Magnetic Cationic Hydrogel for the Adsorption of Reactive Red Dye. Journal of Dispersion Science and Technology, 2015, 36, 714-722.	2.4	5
270	Preparation of CaF <sub>2</sub> /TiO <sub>2</sub> /Ln <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> (Ln = Er, Tm, Yb) based magnetite near-infrared photocatalyst supported on waste ferrite. Materials Research Bulletin, 2017, 86, 107-112.	5.2	5

#	ARTICLE	IF	CITATIONS
271	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.	2.2	5
272	Effect of thermal manipulation during embryogenesis on the promoter methylation and expression of myogenesis-related genes in duck skeletal muscle. <i>Journal of Thermal Biology</i> , 2019, 80, 75-81.	2.5	5
273	Joint Localization Based on Split Covariance Intersection on the Lie Group. <i>IEEE Transactions on Robotics</i> , 2021, 37, 1508-1524.	10.3	5
274	Optical Properties of CaNb <sub>2</sub> O <sub>6</sub> Single Crystals Grown by OFZ*. <i>Crystals</i> , 2021, 11, 928.	2.2	5
275	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.	6.3	5
276	New modulus-based matrix splitting methods for implicit complementarity problem. <i>Numerical Algorithms</i> , 2022, 90, 1735-1754.	1.9	5
277	Characterization of the Goose <i>CAPN3</i> Gene and its Expression Pattern in Muscle Tissues of Sichuan White Geese at Different Growth Stages. <i>Journal of Poultry Science</i> , 2018, 55, 172-181.	1.6	4
278	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</i> (Basel, Switzerland), 2020, 10, 837.	2.0	4
279	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.	2.0	4
280	High-pressure bandgap engineering and amorphization in TiNb <sub>2</sub> O <sub>7</sub> single crystals. <i>CrystEngComm</i> , 2022, 24, 2660-2666.	2.6	4
281	The Proinflammatory Cytokines IL-18, IL-21, and IFN- $\gamma$ 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.	2.2	4
282	Influence of transverse magnetic field on thermocapillary flow in liquid bridge. <i>Crystal Research and Technology</i> , 2011, 46, 249-254.	1.3	3
283	Molecular cloning of the duck MEF2C gene cDNA coding domain sequence and its expression during fetal muscle tissue development. <i>Genes and Genomics</i> , 2013, 35, 317-325.	1.4	3
284	Construction of a eukaryotic expression vector for pEGFP-FST and its biological activity in duck myoblasts. <i>Electronic Journal of Biotechnology</i> , 2014, 17, 224-229.	2.2	3
285	Silencing Pax3 by shRNA inhibits the proliferation and differentiation of duck ( <i>Anas platyrhynchos</i> ) myoblasts. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 211-222.	3.1	3
286	Effects of the regulation of follistatin mRNA expression by IGF-1 in duck ( <i>Anas platyrhynchos</i> ) skeletal muscle. <i>Growth Hormone and IGF Research</i> , 2014, 24, 35-41.	1.1	3
287	Molecular cloning, expression analysis and developmental changes in ovarian follicles of goose $\beta$ -hydroxysteroid dehydrogenase 1. <i>Animal Production Science</i> , 2014, 54, 992.	1.3	3
288	Epitaxial Growth and Thermoelectric Measurement of Bi <sub>2</sub> Te <sub>3</sub> /Sb Superlattice Nanowires. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 365-368.	1.3	3

#	ARTICLE	IF	CITATIONS
289	Molecular characterization, expression and cellular localization of CYP17 gene during geese (Anser) Tj ETQq1 1 0.784314 rgBT /Overfoc	2.2	3
290	Pressure and temperature-dependent optical properties of $\text{TiTa}_{27}\text{O}_7$ . RSC Advances, 2020, 10, 25379-25384.	3.6	3
291	Wrinkle and near-resonance effects on the vibrational and electronic properties in compressed monolayer $\text{MoSe}_2$ . Physical Chemistry Chemical Physics, 2021, 23, 11709-11716.	2.8	3
292	In-plane anisotropic Raman response of layered $\text{In}_2\text{Te}_5$ semiconductor. Applied Physics Letters, 2021, 118, 182105.	3.3	3
293	Tissue specific expression of Pax3/7 and MyoD in adult duck tissues. Journal of Applied Animal Research, 2012, 40, 284-288.	1.2	2
294	Investigation of convection control under the non-uniform RMF in a liquid bridge. Procedia Engineering, 2012, 31, 659-664.	1.2	2
295	Five novel variants of GPR103 and their expression in different tissues of goose (Anser cygnoides). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 171, 18-25.	1.6	2
296	Benign prostatic hyperplasia after prostatic arterial embolization in a canine model: A 3T multiparametric MRI and whole-mount step-section pathology correlated longitudinal study. Journal of Magnetic Resonance Imaging, 2017, 46, 1220-1229.	3.4	2
297	Molecular Evolutionary Analysis of the HCRTR Gene Family in Vertebrates. BioMed Research International, 2018, 2018, 1-9.	1.9	2
298	Photodetectors: Interlayer Coupling Induced Infrared Response in $\text{WS}_2/\text{MoS}_2$ Heterostructures Enhanced by Surface Plasmon Resonance (Adv. Funct. Mater. 22/2018). Advanced Functional Materials, 2018, 28, 1870151.	14.9	2
299	Promoter Identification and Transcriptional Regulation of the Goose AMH Gene. Animals, 2019, 9, 816.	2.3	2
300	Mixing of a mAb Formulation in a New Magnetically Coupled Single-Use Mixing System: Key Learnings of Preliminary Experimental and Computational Evaluation. Journal of Pharmaceutical Sciences, 2019, 108, 3932-3937.	3.3	2
301	Resonant waves in the gap between two advancing barges. European Journal of Mechanics, B/Fluids, 2019, 77, 108-117.	2.5	2
302	A reduced-order discontinuous Galerkin method based on a Krylov subspace technique in nanophotonics. Applied Mathematics and Computation, 2019, 358, 128-145.	2.2	2
303	Akirin1 promotes myoblast differentiation by modulating multiple myoblast differentiation factors. Bioscience Reports, 2019, 39, .	2.4	2
304	Development of a Real-Time Latching Control Algorithm Based on Wave Force Prediction. IEEE Journal of Oceanic Engineering, 2021, 46, 583-593.	3.8	2
305	3D UTE bicomponent imaging of cortical bone using a soft-hard composite pulse for excitation. Magnetic Resonance in Medicine, 2021, 85, 1581-1589.	3.0	2
306	Simultaneous wetting and drying: Fluid bed granulation and tablet film coating. Drying Technology, 2021, 39, 187-202.	3.1	2

#	ARTICLE	IF	CITATIONS
307	Integrated solar cells with non-toxic inorganic nanocrystals and polymer bulk heterojunction. Applied Surface Science Advances, 2021, 3, 100052.	6.8	2
308	3-T MRI in Patients who Received Anterior Cervical Discectomy and Fusion Surgery with MAVRIC SL IR Sequence: A Feasibility Study. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 1024-1030.	1.1	2
309	The Liver as a Lymphoid Organ. , 2020, , 17-33.		2
310	Analysis of Secondary Structural Features of Goose LXRa Gene. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
311	The cloning, characterization, and expression profiling of the LRP8 gene in duck (Anas platyrhynchos). Molecular and Cellular Biochemistry, 2013, 375, 139-49.	3.1	1
312	Plastic and Elastic Responses of a Jacket Platform Subjected to Ship Impacts. Mathematical Problems in Engineering, 2013, 2013, 1-15.	1.1	1
313	Characterization of the duck (Anas platyrhynchos) Rbm24 and Rbm38 genes and their expression profiles in myoblast and skeletal muscle tissues. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 27-36.	1.6	1
314	A global spectral element model for poisson equations and advective flow over a sphere. Advances in Atmospheric Sciences, 2016, 33, 377-390.	4.3	1
315	Single crystal growth and magnetic properties of Co-doped ZnNb2O6. Modern Physics Letters B, 2019, 33, 1950274.	1.9	1
316	Autonomy promotes the evolution of cooperation in prisoner's dilemma. Physical Review E, 2020, 102, 042402.	2.1	1
317	Selective information passing for MR/CT image segmentation. Neural Computing and Applications, 2020, , 1.	5.6	1
318	A feasible method for detecting unknown GMOs via a combined strategy of PCR-based suppression subtractive hybridization and next-generation sequencing. Food Control, 2021, 119, 107448.	5.5	1
319	Synthesis of C-Plane Oriented Hexagonal Tungsten Oxide Membranes on Tubular Substrates and Their Acetic Acid/Water Separation Performances. Membranes, 2021, 11, 38.	3.0	1
320	Synthesis of InPZnS/ZnS Quantum Dots by Continuous Injection of Phosphorus Precursor. Acta Chimica Sinica, 2017, 75, 300.	1.4	1
321	Short-crestedness effect on the dynamic response of offshore floating wind turbines. Ships and Offshore Structures, 2022, 17, 2272-2281.	1.9	1
322	Glucose-induced lipid deposition in goose primary hepatocytes is dependent on the PI3K-Akt-mTOR signaling pathway. Archives of Biological Sciences, 2016, 68, 853-861.	0.5	1
323	Construction of adenovirus vector expressing duck sclerostin and its induction effect on myogenic proliferation and differentiation in vitro. Molecular Biology Reports, 2022, 49, 3187-3196.	2.3	1
324	Dynamic metasurface control using Deep Reinforcement Learning. Mathematics and Computers in Simulation, 2022, 197, 377-395.	4.4	1

#	ARTICLE	IF	CITATIONS
325	Effects of Overfeeding on the Cholesterol Concentration in Plasma and HMGR Gene Expression in Liver of Goose. , 2008, , .		0
326	The cDNA Segment Cloning and Bioinformatics Analysis of SREBP-2 Gene in Goose. , 2009, , .		0
327	Cloning and Characterization of Duck ( <i>Anas platyrhynchos</i> ) MyoD1 Gene and Comparison with Other Vertebrates. , 2009, , .		0
328	Effect of Exogenous Cholesterol on Cholesterol Accumulation and mRNA Expression of SREBP-2 and HMGR in Goose Primary Hepatocytes. , 2009, , .		0
329	Cloning and Characterization of Duck ( <i>Anas Platyrhynchos</i> ) Myf5 Gene and Comparison with Other Vertebrates. , 2009, , .		0
330	Tissue Distribution of Lipoprotein Lipase (LPL) and Regulation of LPL Gene Expression Induced by Insulin and Glucose in Goose Primary Hepatocytes. Journal of Poultry Science, 2010, 47, 139-143.	1.6	0
331	Molecular Cloning and Bioinformatics Analysis of Duck MRFs Gene Family Coding Domain Sequences. , 2010, , .		0
332	Molecular Cloning of the cDNA of LPL on Goose and the Phylogenetic Relationship in the Lipase Superfamily. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
333	Cloning of MRF4 Gene CDS and Its mRNA Expression in Heart Tissues During Duck Embryonic Development. Journal of Applied Animal Research, 2010, 37, 185-189.	1.2	0
334	Optical Afterglows as Probes for the Central Engine and Fireball of Gamma-Ray Bursts. Proceedings of the International Astronomical Union, 2012, 8, 263-264.	0.0	0
335	STATISTICAL PROPERTIES OF MULTIPLE OPTICAL EMISSION COMPONENTS IN GAMMA-RAY BURSTS AND IMPLICATIONS. International Journal of Modern Physics Conference Series, 2013, 23, 228-237.	0.7	0
336	Effect of a Synthetic Liver X Receptor Agonist TO901317 on Cholesterol Concentration in Goose Primary Hepatocytes. Italian Journal of Animal Science, 2014, 13, 2979.	1.9	0
337	Dynamic Responses of a Semi-Type Offshore Floating Wind Turbine. , 2014, , .		0
338	Real-Time Latching Control of Wave Energy Converter with Consideration of Wave Force Prediction. , 2018, , .		0
339	The contributions of hepatic <i>de novo</i> lipogenesis to the difference in body fat mass of genetically lean and fat duck breeds. Journal of Applied Animal Research, 2018, 46, 845-853.	1.2	0
340	Optical properties of trirutile structure MgTa2O6 single crystals grown by optical floating zone method. Modern Physics Letters B, 2020, 34, 2050281.	1.9	0
341	1,3-Dichloropropene and chloropicrin emission reduction using a flexible CuInS2/ZnS:Al-TiO2 photocatalytic film. Environmental Science and Pollution Research, 2021, 28, 6980-6989.	5.3	0
342	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. Geofluids, 2021, 2021, 1-26.	0.7	0

#	ARTICLE	IF	CITATIONS
343	Numerical Simulations of Two Dimensional Mixed Flows of Buoyant and Thermocapillary Convection in Crystal Growth. Lecture Notes in Electrical Engineering, 2013, , 281-289.	0.4	0
344	Expression characteristics of ANGPTL-3 and ANGPTL-4 in duck liver and adipose tissues during early post-hatching development. Indian Journal of Animal Research, 2016, 50, .	0.1	0
345	The Influence of Intravenous Lipopolysaccharide Injection on TLR4 Transcription Levels in Duck (Anas Tj ETQq1 1 0.784314 rgBT /Ove	0.2	0
346	Relationship between lung injury extent and phenotype manifested in non-contrast CT and cardiac injury during acute stage of COVID-19. IJC Heart and Vasculature, 2022, 38, 100938.	1.1	0
347	Microvascular Permeability and Texture Analysis of the Skeletal Muscle of Diabetic Rabbits With Critical Limb Ischaemia Based on DCE-MRI. Frontiers in Endocrinology, 2022, 13, 783163.	3.5	0
348	Evaluation of Bone Marrow Texture and Trabecular Changes With Quantitative DCE-MRI and QCT in Alloxan-Induced Diabetic Rabbit Models. Frontiers in Endocrinology, 2021, 12, 785604.	3.5	0