

Bo Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1831290/publications.pdf>

Version: 2024-02-01

48
papers

1,628
citations

394421

19
h-index

414414

32
g-index

48
all docs

48
docs citations

48
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-Bonded Two-Component Ionic Crystals Showing Enhanced Long-Lived Room-Temperature Phosphorescence via TADF-Assisted Förster Resonance Energy Transfer. <i>Advanced Functional Materials</i> , 2019, 29, 1807599.	14.9	294
2	Simultaneous Long-Persistent Blue Luminescence and High Quantum Yield within 2D Organic-Metal Halide Perovskite Micro/Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15128-15135.	13.8	184
3	Boosting Wide-Range Tunable Long-Afterglow in 1D Metal-Organic Halide Micro/Nanocrystals for Space/Time-Resolved Information Photonics. <i>Advanced Materials</i> , 2021, 33, e2007571.	21.0	138
4	Photoelectrochemical reduction of N_2 to NH_3 under ambient conditions through hierarchical $MoSe_2@g-C_3N_4$ heterojunctions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2742-2753.	10.3	123
5	Tunable room temperature phosphorescence and energy transfer in ratiometric co-crystals. <i>Chemical Communications</i> , 2020, 56, 7698-7701.	4.1	98
6	Osteocalcin Reverses Endoplasmic Reticulum Stress and Improves Impaired Insulin Sensitivity Secondary to Diet-Induced Obesity Through Nuclear Factor- κ B Signaling Pathway. <i>Endocrinology</i> , 2013, 154, 1055-1068.	2.8	82
7	Light Induced Regulation Pathway of Anthocyanin Biosynthesis in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11116.	4.1	58
8	Intermittent injections of osteocalcin reverse autophagic dysfunction and endoplasmic reticulum stress resulting from diet-induced obesity in the vascular tissue via the NF- κ B-p65-dependent mechanism. <i>Cell Cycle</i> , 2013, 12, 1901-1913.	2.6	52
9	Color-tunable persistent luminescence in 1D zinc-organic halide microcrystals for single-component white light and temperature-gating optical waveguides. <i>Chemical Science</i> , 2022, 13, 7429-7436.	7.4	51
10	Highly Efficient Organic Afterglow from a 2D Layered Lead-Free Metal Halide in Both Crystals and Thin Films under an Air Atmosphere. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1419-1426.	8.0	48
11	Recent Advances on Molecular Crystalline Luminescent Materials for Optical Waveguides. <i>Advanced Optical Materials</i> , 2021, 9, 2001768.	7.3	48
12	Simultaneous Long-Persistent Blue Luminescence and High Quantum Yield within 2D Organic-Metal Halide Perovskite Micro/Nanosheets. <i>Angewandte Chemie</i> , 2019, 131, 15272-15279.	2.0	46
13	Serum Levels of Progranulin Are Closely Associated with Microvascular Complication in Type 2 Diabetes. <i>Disease Markers</i> , 2015, 2015, 1-9.	1.3	40
14	Recent advances of dynamic molecular crystals with light-triggered macro-movements. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	33
15	A New Nonlinear Set Membership Filter Based on Guaranteed Bounding Ellipsoid Algorithm. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2013, 39, 146-154.	1.5	30
16	The reciprocal interaction between autophagic dysfunction and ER stress in adipose insulin resistance. <i>Cell Cycle</i> , 2014, 13, 565-579.	2.6	29
17	The Characters of Non-Coding RNAs and Their Biological Roles in Plant Development and Abiotic Stress Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4124.	4.1	27
18	Low-Dimensional Organic Metal Halide Hybrids with Excitation-Dependent Optical Waveguides from Visible to Near-Infrared Emission. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26451-26460.	8.0	23

#	ARTICLE	IF	CITATIONS
19	BrmiR828 Targets BrPAP1, BrMYB82, and BrTAS4 Involved in the Light Induced Anthocyanin Biosynthetic Pathway in Brassica rapa. International Journal of Molecular Sciences, 2020, 21, 4326.	4.1	21
20	Excitation-dependent organic persistent luminescence. Science China Chemistry, 2020, 63, 423-425.	8.2	20
21	Backstepping based global exponential stabilization of a tracked mobile robot with slipping perturbation. Journal of Bionic Engineering, 2011, 8, 69-76.	5.0	19
22	Effect of Initial Backfill Temperature on the Deformation Behavior of Early Age Cemented Paste Backfill That Contains Sodium Silicate. Advances in Materials Science and Engineering, 2016, 2016, 1-10.	1.8	19
23	A LiDAR Odometry for Outdoor Mobile Robots Using NDT Based Scan Matching in GPS-denied environments. , 2017, , .		14
24	Off-line programming system of industrial robot for spraying manufacturing optimization. , 2014, , .		13
25	Organic polymers achieving smart room-temperature phosphorescence. Science China Chemistry, 2019, 62, 291-292.	8.2	13
26	Intelligent Guidance Programming of Welding Robot for 3D Curved Welding Seam. IEEE Access, 2021, 9, 42345-42357.	4.2	13
27	C-isolated Ag ⁺ /Co sandwich sphere-nanostructures and their high activity catalysis induced by surface plasmon resonance. Nanoscale, 2013, 5, 8602.	5.6	12
28	Multidimensional Taylor network optimal control of SISO nonlinear systems for tracking by output feedback. Optimal Control Applications and Methods, 2018, 39, 919-932.	2.1	12
29	Stimuli-responsive organic phosphorescence through energy transfer. Science China Chemistry, 2021, 64, 509-510.	8.2	12
30	Trophic structure and energy fluxes in a grass carp (Ctenopharyngodon idellus) cultured pond ecosystem. Aquaculture International, 2015, 23, 1313-1324.	2.2	10
31	Novel-Phase Structural High-Efficiency Anode Catalyst for Methanol Fuel Cells: NiCu_3/Pd Nanoalloy. Journal of Physical Chemistry C, 2014, 118, 26713-26720.	3.1	9
32	Decision-Theoretical Navigation of Service Robots Using POMDPs with Human-Robot Co-Occurrence Prediction. International Journal of Advanced Robotic Systems, 2013, 10, 143.	2.1	8
33	Fluorescence/Phosphorescence Manipulation and Atom Probe Observation of Fully Inorganic Silver Quantum Clusters: Imitating from and Behaving beyond Organic Hosts. Advanced Optical Materials, 2022, 10, 2101632.	7.3	7
34	Two-stream 2D/3D Residual Networks for Learning Robot Manipulations from Human Demonstration Videos. , 2021, , .		5
35	Highly Efficient and Direct Ultralong All-Inorganic Phosphorescence from Metal-Organic Framework Photonic Glasses. Angewandte Chemie, 0, , .	2.0	4
36	S4OM: A Real-Time Lidar Odometry and Mapping System Based on Super4PCS Scan-Matching. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	Real-Time Multi-Modal People Detection and Tracking of Mobile Robots with A RGB-D Sensor. , 2019, , .		3
38	Robust fault detection of mobile robots using an ellipsoid bounding identification algorithm. , 2011, , .		2
39	Time series forecasting based on the empirical mode decomposition multi-dimensional Taylor network model. , 2013, , .		2
40	Long-range outdoor localization of a mobile robot using a binocular camera. , 2015, , .		1
41	Automatic Programming System of Painting Robots for Unstructured Workpieces Spraying. , 2021, , .		1
42	Chelation-activated ultralong room-temperature phosphorescence and thermo-/excitation-dependent persistent luminescence. Chemical Communications, 2022, 58, 6136-6139.	4.1	1
43	The Research of 3D GIS Section for the True Three-Dimensional Geo-Spatial Model. , 2010, , .		0
44	Abnormal Phenomenon of NCEP and the Celestial Bodies Tidal Force before the Wen'an Earthquake. , 2011, , .		0
45	Probabilistic terrain modeling of mobile robots for outdoor applications using a scanning laser. , 2012, , .		0
46	Optimization Method of Target Detection and Tracking System for Mobile Robot. , 2020, , .		0
47	Automatic steel grabbing robot system for scrap steel processing production line. , 2021, , .		0
48	Time series forecasting based on a multidimensional Taylor network model with clustering of dynamic characteristics. Journal of the Operational Research Society, 2022, 73, 2660-2669.	3.4	0