

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	Fluorescence-Phosphorescence Manipulation and Atom Probe Observation of Fully Inorganic Silver Quantum Clusters: Imitating from and Behaving beyond Organic Hosts. <i>Advanced Optical Materials</i> , 2022, 10, 2101632.	7.3	7
2	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
3	Time series forecasting based on a multidimensional Taylor network model with clustering of dynamic characteristics. <i>Journal of the Operational Research Society</i> , 2022, 73, 2660-2669.	3.4	0
4	Chelation-activated ultralong room-temperature phosphorescence and thermo-/excitation-dependent persistent luminescence. <i>Chemical Communications</i> , 2022, 58, 6136-6139.	4.1	1
5	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
6	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
7	Intelligent Guidance Programming of Welding Robot for 3D Curved Welding Seam. <i>IEEE Access</i> , 2021, 9, 42345-42357.	4.2	13
8	Stimuli-responsive organic phosphorescence through energy transfer. <i>Science China Chemistry</i> , 2021, 64, 509-510.	8.2	12
9	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
10	Automatic Programming System of Painting Robots for Unstructured Workpieces Spraying. , 2021, , .		1
11	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
12	Recent Advances on Molecular Crystalline Luminescent Materials for Optical Waveguides. <i>Advanced Optical Materials</i> , 2021, 9, 2001768.	7.3	48
13	Two-stream 2D/3D Residual Networks for Learning Robot Manipulations from Human Demonstration Videos. , 2021, , .		5
14	Light Induced Regulation Pathway of Anthocyanin Biosynthesis in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11116.	4.1	58
15	Recent advances of dynamic molecular crystals with light-triggered macro-movements. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	33
16	Automatic steel grabbing robot system for scrap steel processing production line. , 2021, , .		0
17	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
18	Tunable room temperature phosphorescence and energy transfer in ratiometric co-crystals. <i>Chemical Communications</i> , 2020, 56, 7698-7701.	4.1	98

#	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	Optimization Method of Target Detection and Tracking System for Mobile Robot. , 2020, , .		0
22	Simultaneous Longâ€Persistent Blue Luminescence and High Quantum Yield within 2D Organicâ€Metal Halide Perovskite Micro/Nanosheets. Angewandte Chemie, 2019, 131, 15272-15279.	2.0	46
23	Simultaneous Longâ€Persistent Blue Luminescence and High Quantum Yield within 2D Organicâ€Metal Halide Perovskite Micro/Nanosheets. Angewandte Chemie - International Edition, 2019, 58, 15128-15135.	13.8	184
24	Organic polymers achieving smart room-temperature phosphorescence. Science China Chemistry, 2019, 62, 291-292.	8.2	13
25	Real-Time Multi-Modal People Detection and Tracking of Mobile Robots with A RGB-D Sensor. , 2019, , .		3
26	Hydrogenâ€Bonded Twoâ€Component Ionic Crystals Showing Enhanced Longâ€Lived Roomâ€Temperature Phosphorescence via TADFâ€Assisted FÃrster Resonance Energy Transfer. Advanced Functional Materials, 2019, 29, 1807599.	14.9	294
27	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
28	S4OM: A Real-Time Lidar Odometry and Mapping System Based on Super4PCS Scan-Matching. , 2018, , .		3
29	A LiDAR Odometry for Outdoor Mobile Robots Using NDT Based Scan Matching in GPS-denied environments. , 2017, , .		14
30	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
31	Long-range outdoor localization of a mobile robot using a binocular camera. , 2015, , .		1
32	Serum Levels of Progranulin Are Closely Associated with Microvascular Complication in Type 2 Diabetes. Disease Markers, 2015, 2015, 1-9.	1.3	40
33	Trophic structure and energy fluxes in a grass carp (Ctenopharyngodon idellus) cultured pond ecosystem. Aquaculture International, 2015, 23, 1313-1324.	2.2	10
34	The reciprocal interaction between autophagic dysfunction and ER stress in adipose insulin resistance. Cell Cycle, 2014, 13, 565-579.	2.6	29
35	Novel-Phase Structural High-Efficiency Anode Catalyst for Methanol Fuel Cells: Î±-(NiCu) ₃ Pd Nanoalloy. Journal of Physical Chemistry C, 2014, 118, 26713-26720.	3.1	9
36	Off-line programming system of industrial robot for spraying manufacturing optimization. , 2014, , .		13

#	ARTICLE	IF	CITATIONS
37	C-isolated Ag@Cd@Co sandwich sphere-nanostructures and their high activity catalysis induced by surface plasmon resonance. <i>Nanoscale</i> , 2013, 5, 8602.	5.6	12
38	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
39	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
40	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
41	Time series forecasting based on the empirical mode decomposition multi-dimensional Taylor network model. , 2013, , .		2
42	Decision-Theoretical Navigation of Service Robots Using POMDPs with Human-Robot Co-Occurrence Prediction. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 143.	2.1	8
43	Probabilistic terrain modeling of mobile robots for outdoor applications using a scanning laser. , 2012, , .		0
44	Backstepping based global exponential stabilization of a tracked mobile robot with slipping perturbation. <i>Journal of Bionic Engineering</i> , 2011, 8, 69-76.	5.0	19
45	Robust fault detection of mobile robots using an ellipsoid bounding identification algorithm. , 2011, , .		2
46	Abnormal Phenomenon of NCEP and the Celestial Bodies Tidal Force before the Wen'an Earthquake. , 2011, , .		0
47	The Research of 3D GIS Section for the True Three-Dimensional Geo-Spatial Model. , 2010, , .		0
48	Highly Efficient and Direct Ultralong All-Phosphorescence from Metal-Organic Framework Photonic Glasses. <i>Angewandte Chemie</i> , 0, , .	2.0	4