

Shasha Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3717678/publications.pdf>

Version: 2024-02-01

67
papers

1,592
citations

257450

24
h-index

330143

37
g-index

67
all docs

67
docs citations

67
times ranked

2283
citing authors

#	ARTICLE	IF	CITATIONS
1	Hofmeister Series: Insights of Ion Specificity from Amphiphilic Assembly and Interface Property. ACS Omega, 2020, 5, 6229-6239.	3.5	199
2	Electrospun polystyrene/graphene nanofiber film as a novel adsorbent of thin film microextraction for extraction of aldehydes in human exhaled breath condensates. Analytica Chimica Acta, 2015, 878, 102-108.	5.4	93
3	Graphene oxide (GO)/polyacrylamide (PAM) composite hydrogels as efficient cationic dye adsorbents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 513, 315-324.	4.7	93
4	Dendritic cells with an increased PD-L1 by TGF- β^2 induce T cell anergy for the cytotoxicity of hepatocellular carcinoma cells. International Immunopharmacology, 2014, 20, 117-123.	3.8	70
5	Room-Temperature Super Hydrogel as Dye Adsorption Agent. Journal of Physical Chemistry B, 2012, 116, 12850-12856.	2.6	58
6	Self-Assembled Aggregates Originated from the Balance of Hydrogen-Bonding, Electrostatic, and Hydrophobic Interactions. Langmuir, 2012, 28, 219-226.	3.5	55
7	Improving the Quality and Luminescence Performance of All-Inorganic Perovskite Nanomaterials for Light-Emitting Devices by Surface Engineering. Small, 2020, 16, e1907089.	10.0	54
8	Hydrogels Facilitated by Monovalent Cations and Their Use as Efficient Dye Adsorbents. Journal of Physical Chemistry B, 2014, 118, 4693-4701.	2.6	49
9	β^2 -adrenoceptor signaling reduction in dendritic cells is involved in the inflammatory response in adjuvant-induced arthritic rats. Scientific Reports, 2016, 6, 24548.	3.3	45
10	Modification of Exciton Lifetime by the Metal Cathode in Phosphorescent OLEDs, and Implications on Device Efficiency and Efficiency Roll-off Behavior. Advanced Functional Materials, 2011, 21, 2311-2317.	14.9	42
11	Modifying the Crystal Field of CsPbCl ₃ :Mn ²⁺ Nanocrystals by Co-doping to Enhance Its Red Emission by a Hundredfold. ACS Applied Materials & Interfaces, 2020, 12, 30711-30719.	8.0	41
12	Self-assembled structures of amphiphiles regulated via implanting external stimuli. RSC Advances, 2014, 4, 41864-41875.	3.6	39
13	HGF induces EMT in non-small-cell lung cancer through the hBVR pathway. European Journal of Pharmacology, 2017, 811, 180-190.	3.5	38
14	Analysis of Hexanal and Heptanal in Human Blood by Simultaneous Derivatization and Dispersive Liquid-Liquid Microextraction then LC-APCI-MS-MS. Chromatographia, 2009, 70, 775-781.	1.3	37
15	Temperature regulated supramolecular structures via modifying the balance of multiple non-covalent interactions. Soft Matter, 2013, 9, 4209.	2.7	37
16	Peroxidase mimetic activity of Fe ₃ O ₄ nanoparticle prepared based on magnetic hydrogels for hydrogen peroxide and glucose detection. Journal of Colloid and Interface Science, 2017, 506, 46-57.	9.4	37
17	Hydrogels Triggered by Metal Ions as Precursors of Network CuS for DNA Detection. Chemistry - A European Journal, 2015, 21, 12194-12201.	3.3	35
18	Superhydrogels of Nanotubes Capable of Capturing Heavy-Metal Ions. Chemistry - an Asian Journal, 2014, 9, 245-252.	3.3	33

#	ARTICLE	IF	CITATIONS
19	Fluorescent Hydrogels with Tunable Nanostructure and Viscoelasticity for Formaldehyde Removal. ACS Applied Materials & Interfaces, 2014, 6, 18319-18328.	8.0	33
20	Dual-Sensing, Stretchable, Fatigue-Resistant, Adhesive, and Conductive Hydrogels Used as Flexible Sensors for Human Motion Monitoring. Langmuir, 2022, 38, 7013-7023.	3.5	29
21	Polydopamine-sheathed electrospun nanofiber as adsorbent for determination of aldehydes metabolites in human urine. Analytica Chimica Acta, 2016, 943, 74-81.	5.4	28
22	Highly bright and stable all-inorganic perovskite light-emitting diodes with methoxypolyethylene glycols modified CsPbBr ₃ emission layer. Applied Physics Letters, 2018, 113, .	3.3	26
23	Magnetic solid-phase extraction followed by high performance liquid chromatography for determination of hexanal and heptanal in human urine. Analytical Methods, 2011, 3, 1418.	2.7	25
24	Two Gelation Mechanisms of Deoxycholate with Inorganic Additives: Hydrogen Bonding and Electrostatic Interactions. Journal of Physical Chemistry B, 2016, 120, 6812-6818.	2.6	25
25	Bone marrow CD11b ⁺ F4/80 ⁺ dendritic cells ameliorate collagen-induced arthritis through modulating the balance between Treg and Th17. International Immunopharmacology, 2015, 25, 96-105.	3.8	22
26	Perovskite Solar Cells Based on Compact, Smooth FA _{0.1} MA _{0.9} PbI ₃ Film with Efficiency Exceeding 22%. Nanoscale Research Letters, 2020, 15, 89.	5.7	21
27	Benefits of the Hydrophobic Surface for CH ₃ NH ₃ PbI ₃ Crystalline Growth towards Highly Efficient Inverted Perovskite Solar Cells. Molecules, 2019, 24, 2027.	3.8	16
28	Highly bright perovskite light-emitting diodes based on quasi-2D perovskite film through synergetic solvent engineering. RSC Advances, 2019, 9, 8373-8378.	3.6	15
29	Hexagonal hollow microtubes incorporated Bi ₂ S ₃ -quantum-dots for catalytic degradation of dyes. Journal of Colloid and Interface Science, 2014, 413, 133-139.	9.4	14
30	Dynamic analysis of tumor-associated immune cells in DEN-induced rat hepatocellular carcinoma. International Immunopharmacology, 2014, 22, 392-399.	3.8	14
31	Serum Metabolic Profile Alteration Reveals Response to Platinum-Based Combination Chemotherapy for Lung Cancer: Sensitive Patients Distinguished from Insensitive ones. Scientific Reports, 2017, 7, 17524.	3.3	14
32	The luminescence properties of CsPb _x M ¹⁺ Br ₃ perovskite nanocrystals transformed from Cs ₄ PbBr ₆ mediated by various divalent bromide MBr ₂ salts. Nanoscale, 2019, 11, 4008-4014.	5.6	14
33	Stretchable self-healing hydrogels capable of heavy metal ion scavenging. RSC Advances, 2019, 9, 19039-19047.	3.6	14
34	Enhancing the stability and water resistance of CsPbBr ₃ perovskite nanocrystals by using tetrafluoride and zinc oxide as protective capsules. Journal of Materials Science, 2020, 55, 9739-9747.	3.7	14
35	Sponge Phase Producing Porous CeO ₂ for Catalytic Oxidation of CO. Chemistry - A European Journal, 2014, 20, 9063-9072.	3.3	13
36	Enhancement of Upconversion Emissions of NaYF ₄ :Yb ³⁺ , Tm ³⁺ Nanoparticles by Ba ²⁺ Co-Doping. Journal of Nanoscience and Nanotechnology, 2018, 18, 7584-7589.	0.9	12

#	ARTICLE	IF	CITATIONS
37	Highly Efficient and Operational Stability Polymer Solar Cells Employing Nonhalogenated Solvents and Additives. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24075-24081.	8.0	12
38	CsPbBr ₃ @CsPbBr ₃ “Core-Shell” Perovskite Core-Shell Heterojunction Nanowires via a Postsynthetic Method with HCl Gas. <i>ACS Omega</i> , 2020, 5, 11578-11584.	3.5	12
39	Interface energy level alignment and improved film quality with a hydrophilic polymer interlayer to improve the device efficiency and stability of all-inorganic halide perovskite light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6743-6748.	5.5	12
40	Key Factors Governing the External Quantum Efficiency of Thermally Activated Delayed Fluorescence Organic Light-Emitting Devices: Evidence from Machine Learning. <i>ACS Omega</i> , 2022, 7, 7893-7900.	3.5	11
41	Tumor growth affects the metabonomic phenotypes of multiple mouse non-involved organs in an A549 lung cancer xenograft model. <i>Scientific Reports</i> , 2016, 6, 28057.	3.3	10
42	Synergetic Effect of Different Carrier Dynamics in Pm6:Y6:ITIC-M Ternary Cascade Energy Level System. <i>Polymers</i> , 2021, 13, 2398.	4.5	9
43	Organic Halide PEACl for Surface Passivation and Defects Suppression in Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 12411-12420.	5.1	9
44	Electrospun polystyrene nanofibers as a novel adsorbent to transfer an organic phase from an aqueous phase. <i>Journal of Separation Science</i> , 2016, 39, 1326-1330.	2.5	8
45	Color-Tunable Organic Light Emitting Diodes for Deep Blue Emission by Regulating the Optical Micro-Cavity. <i>Molecules</i> , 2020, 25, 2867.	3.8	8
46	Suppressed Halide Segregation and Defects in Wide Bandgap Perovskite Solar Cells Enabled by Doping Organic Bromide Salt with Moderate Chain Length. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1711-1720.	3.1	8
47	Hybrid Hydrogels Based on insitu Interpenetrating Networks Graphene Oxide (GO) and Au Nanoparticles, and Its Application as Peroxidase Mimetics for Glucose Detection. <i>ChemistrySelect</i> , 2018, 3, 10259-10264.	1.5	7
48	Solvent modification to suppress halide segregation in mixed halide perovskite solar cells. <i>Journal of Materials Science</i> , 2020, 55, 9787-9794.	3.7	7
49	Synergistic function of doping and ligand engineering to enhance the photostability and electroluminescence performance of CsPbBr ₃ quantum dots. <i>Nanotechnology</i> , 2021, 32, 325202.	2.6	7
50	Fluorescent Hydrogel Producing ZnO for Colorimetric Detection of Glutathione and Cysteine. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100765.	3.7	7
51	High-Performance Near-Infrared Photodetectors Based on the Synergy Effect of Short Wavelength Light Filter and Long Wavelength Response of a Perovskite/Polymer Hybrid Structure. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61818-61826.	8.0	7
52	LC-Ultrasound-Assisted Headspace Liquid Microextraction for the Analysis of Phenols in Water. <i>Chromatographia</i> , 2008, 68, 235-238.	1.3	6
53	With PBDB-T as the Donor, the PCE of Non-Fullerene Organic Solar Cells Based on Small Molecule INTIC Increased by 52.4%. <i>Materials</i> , 2020, 13, 1324.	2.9	6
54	Freezing-Tolerant, Nondrying, Stretchable, and Adhesive Organohydrogels Inspired by the DNA Double Helix Structure for a Flexible Dual-Response Sensor. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1159-1172.	4.4	6

#	ARTICLE	IF	CITATIONS
55	Predicting the photon energy of quasi-2D lead halide perovskites from the precursor composition through machine learning. <i>Nanoscale Advances</i> , 2022, 4, 1632-1638.	4.6	6
56	Ionogels as Precursors To Prepare ZnS Nanoparticles for Colorimetric Sensing of Sulfide Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 759-770.	6.7	4
57	Performance improvements in all-solution processed inverted QLEDs realized by inserting an electron blocking layer. <i>Nanotechnology</i> , 2021, 32, 335204.	2.6	4
58	Self-Healing Hydrogels as Flexible Sensor for Human Motion Monitoring. <i>ChemistrySelect</i> , 2021, 6, 11130-11136.	1.5	4
59	Amino-terminated Poly(ethylene glycol) (AT-PEG) Polymer Hydrogels as Efficient Anionic Dye Adsorbents. <i>ChemistrySelect</i> , 2018, 3, 7310-7317.	1.5	3
60	The Improvement of the Performance of Sky-Blue OLEDs by Decreasing Interface Traps and Balancing Carriers with PSVA Treatment. <i>Polymers</i> , 2022, 14, 622.	4.5	3
61	Improved UV sensitivity and charge transport in PTB7-Th:PC ₇₁ BM solar cells doped with cadmium selenide quantum dots. <i>Sustainable Energy and Fuels</i> , 0, , .	4.9	3
62	Investigation of excited-state dynamics upon both photo-excitation and electro-excitation of thermally activated delayed fluorescent molecules. <i>Journal of the Society for Information Display</i> , 2018, 26, 694-699.	2.1	2
63	Biphenyl Triarylamine Hole Transport Material for Highly Efficient and Low-Temperature Solution-Processed Perovskite Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7374-7379.	0.9	2
64	A Compact Electron Transport Layer Using a Heated Tin-Oxide Colloidal Solution for Efficient Perovskite Solar Cells. <i>Solar Rrl</i> , 0, , 2100794.	5.8	2
65	Device performance improvements in all-inorganic perovskite light-emitting diodes: the role of binary ammonium cation terminals. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6208-6214.	2.8	2
66	New sorptive extraction method based on polydimethylsiloxane sieve combined with GC-MS for determination of pyrethroid residues in tea. <i>Analytical Methods</i> , 2012, 4, 4161.	2.7	1
67	3.5: Investigation of excited-state dynamics upon both photo- and electro-excitation of thermally activated delayed fluorescent molecules. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 29-34.	0.3	0