Xiyan Li

List of Publications by Year
in descending order

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33	3,062	236925	377865
papers	citations	25 h-index	34 g-index

34	34	34	5371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allâ€Inorganic Quantumâ€Dot LEDs Based on a Phaseâ€Stabilized Î±â€CsPbI 3 Perovskite. Angewandte Chemie, 2021, 133, 16300-16306.	2.0	1
2	Allâ€Inorganic Quantumâ€Dot LEDs Based on a Phaseâ€Stabilized Î±â€CsPbI₃ Perovskite. Angewandte Chemie - International Edition, 2021, 60, 16164-16170.	13.8	210
3	Single-step-fabricated disordered metasurfaces for enhanced light extraction from LEDs. Light: Science and Applications, 2021, 10, 180.	16.6	23
4	InP-Quantum-Dot-in-ZnS-Matrix Solids for Thermal and Air Stability. Chemistry of Materials, 2020, 32, 9584-9590.	6.7	8
5	Multiple Self-Trapped Emissions in the Lead-Free Halide Cs₃Cu₂I₅. Journal of Physical Chemistry Letters, 2020, 11, 4326-4330.	4.6	79
6	Chloride Insertionâ€“Immobilization Enables Bright, Narrowband, and Stable Blue-Emitting Perovskite Diodes. Journal of the American Chemical Society, 2020, 142, 5126-5134.	13.7	116
7	Regioselective magnetization in semiconducting nanorods. Nature Nanotechnology, 2020, 15, 192-197.	31.5	51
8	Halogen Vacancies Enable Ligandâ€Assisted Selfâ€Assembly of Perovskite Quantum Dots into Nanowires. Angewandte Chemie, 2019, 131, 16223-16227.	2.0	16
9	Halogen Vacancies Enable Ligandâ€Assisted Selfâ€Assembly of Perovskite Quantum Dots into Nanowires. Angewandte Chemie - International Edition, 2019, 58, 16077-16081.	13.8	49
10	Defectâ€Rich Nitrogen Doped Co₃O₄/C Porous Nanocubes Enable Highâ€Efficiency Bifunctional Oxygen Electrocatalysis. Advanced Functional Materials, 2019, 29, 1902875.	14.9	233
11	Bright colloidal quantum dot light-emitting diodes enabled by efficient chlorination. Nature Photonics, 2018, 12, 159-164.	31.4	303
12	Programmable Metal/Semiconductor Nanostructures for mRNA-Modulated Molecular Delivery. Nano Letters, 2018, 18, 6222-6228.	9.1	36
13	Quantum Dot Color-Converting Solids Operating Efficiently in the kW/cm² Regime. Chemistry of Materials, 2017, 29, 5104-5112.	6.7	17
14	Continuous-wave lasing in colloidal quantum dot solids enabled by facet-selective epitaxy. Nature, 2017, 544, 75-79.	27.8	319
15	Binary temporal upconversion codes of Mn2+-activated nanoparticles for multilevel anti-counterfeiting. Nature Communications, 2017, 8, 899.	12.8	290
16	Cellulose Nanocrystal:Polymer Hybrid Optical Diffusers for Indexâ€Matchingâ€Free Light Management in Optoelectronic Devices. Advanced Optical Materials, 2017, 5, 1700430.	7.3	43
17	Chemically Addressable Perovskite Nanocrystals for Lightâ€Emitting Applications. Advanced Materials, 2017, 29, 1701153.	21.0	139
18	Hedgehogâ€Like Upconversion Crystals: Controlled Growth and Molecular Sensing at Singleâ€Particle Level. Advanced Materials, 2017, 29, 1702315.	21.0	38

#	Article	IF	Citations
19	Multifunctional quantum dot DNA hydrogels. Nature Communications, 2017, 8, 381.	12.8	104
20	Design of Phosphor White Light Systems for High-Power Applications. ACS Photonics, 2016, 3, 2243-2248.	6.6	37
21	Energy Migration Upconversion in Manganese(II)â€Doped Nanoparticles. Angewandte Chemie - International Edition, 2015, 54, 13312-13317.	13.8	64
22	Multifunctional nanostructures based on porous silica covered Fe3O4@CeO2â€“Pt composites: a thermally stable and magnetically-recyclable catalyst system. Chemical Communications, 2014, 50, 7198.	4.1	29
23	Facile Synthesis and Thermoelectric Properties of Selfâ€assembled Bi₂Te₃ Oneâ€Dimensional Nanorod Bundles. Chemistry - A European Journal, 2013, 19, 2889-2894.	3.3	29
24	Self-assembled 3D flower-like hierarchical Fe3O4/KxMnO2 coreâ€“shell architectures and their application for removal of dye pollutants. CrystEngComm, 2012, 14, 2866.	2.6	14
25	Bi2Te3 nanoplates and nanoflowers: Synthesized by hydrothermal process and their enhanced thermoelectric properties. CrystEngComm, 2012, 14, 2159.	2.6	125
26	Facile synthesis of Pt3Sn/graphene nanocomposites and their catalysis for electro-oxidation of methanol. CrystEngComm, 2012, 14, 7137.	2.6	14
27	Selectively Deposited Noble Metal Nanoparticles on Fe₃O₄/Graphene Composites: Stable, Recyclable, and Magnetically Separable Catalysts. Chemistry - A European Journal, 2012, 18, 7601-7607.	3.3	126
28	Rhombic dodecahedral Fe3O4: ionic liquid-modulated and microwave-assisted synthesis and their magnetic properties. CrystEngComm, 2011, 13, 6017.	2.6	41
29	Hierarchically structured Fe₃O₄microspheres: morphology control and their application in wastewater treatment. CrystEngComm, 2011, 13, 642-648.	2.6	80
30	Synthesis of 3D Hierarchical Fe₃O₄/Graphene Composites with High Lithium Storage Capacity and for Controlled Drug Delivery. Journal of Physical Chemistry C, 2011, 115, 21567-21573.	3.1	288
31	Direct hydrothermal synthesis of single-crystalline triangular Fe3O4 nanoprisms. CrystEngComm, 2010, 12, 2060.	2.6	68
32	Hydrothermal synthesis and upconversion photoluminescence properties of lanthanide doped YF3 sub-microflowers. CrystEngComm, 2010, 12, 3537.	2.6	31
33	High-Brightness, Broad-Spectrum White Organic Electroluminescent Device Obtained by Designing Light-Emitting Layers as also Carrier Transport Layers. Journal of Physical Chemistry C, 2010, 114, 21723-21727.	3.1	17