

# Long Kong

## List of Publications by Citations

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42  
papers

2,287  
citations

20  
h-index

47  
g-index

47  
ext. papers

2,901  
ext. citations

9.6  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
42	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> , <b>2016</b> , 138, 5749-52	16.4	415
41	Highly Luminescent and Ultrastable CsPbBr Perovskite Quantum Dots Incorporated into a Silica/Alumina Monolith. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8134-8138	16.4	280
40	Conversion of invisible metal-organic frameworks to luminescent perovskite nanocrystals for confidential information encryption and decryption. <i>Nature Communications</i> , <b>2017</b> , 8, 1138	17.4	241
39	Morphology Evolution and Degradation of CsPbBr Nanocrystals under Blue Light-Emitting Diode Illumination. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7249-7258	9.5	226
38	Magnetic Biochar Decorated with ZnS Nanocrystals for Pb (II) Removal. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 125-132	8.3	145
37	Highly Luminescent and Ultrastable CsPbBr <sub>3</sub> Perovskite Quantum Dots Incorporated into a Silica/Alumina Monolith. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8246-8250	3.6	114
36	Suppression of temperature quenching in perovskite nanocrystals for efficient and thermally stable light-emitting diodes. <i>Nature Photonics</i> , <b>2021</b> , 15, 379-385	33.9	94
35	Ceramic-like stable CsPbBr nanocrystals encapsulated in silica derived from molecular sieve templates. <i>Nature Communications</i> , <b>2020</b> , 11, 31	17.4	93
34	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> , <b>2015</b> , 3, 15755-15763	13	72
33	General Method for the Synthesis of Ultrastable Core/Shell Quantum Dots by Aluminum Doping. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12430-3	16.4	71
32	Postsynthesis Phase Transformation for CsPbBr/RbPbBr Core/Shell Nanocrystals with Exceptional Photostability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 23303-23310	9.5	66
31	Efficient removal of Pb(II) from water using magnetic Fe <sub>3</sub> S <sub>4</sub> /reduced graphene oxide composites. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 19333-19342	13	51
30	Stabilizing perovskite nanocrystals by controlling protective surface ligands density. <i>Nano Research</i> , <b>2019</b> , 12, 1461-1465	10	41
29	Highly stable CuInS <sub>2</sub> @ZnS:Al core@shell quantum dots: the role of aluminium self-passivation. <i>Chemical Communications</i> , <b>2015</b> , 51, 8757-60	5.8	37
28	Surface Ligand Engineering toward Brightly Luminescent and Stable Cesium Lead Halide Perovskite Nanoplatelets for Efficient Blue-Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 26161-26169 <sup>34</sup>	32.8	26169 <sup>34</sup>
27	Large-Scale Synthesis of Highly Luminescent Perovskite Nanocrystals by Template-Assisted Solid-State Reaction at 800 °C. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 308-314	9.6	32
26	Hydrofluoroethers as orthogonal solvents for all-solution processed perovskite quantum-dot light-emitting diodes. <i>Nano Energy</i> , <b>2018</b> , 51, 358-365	17.1	28

25	Boosting photocatalytic performance and stability of CuInS <sub>2</sub> /ZnS-TiO <sub>2</sub> heterostructures via sol-gel processed integrate amorphous titania gel. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 204, 403-410	21.8	28
24	Enhancing the stability of CsPbBr nanocrystals by sequential surface adsorption of S and metal ions. <i>Chemical Communications</i> , <b>2018</b> , 54, 9345-9348	5.8	26
23	Critical role of metal ions in surface engineering toward brightly luminescent and stable cesium lead bromide perovskite quantum dots. <i>Nanoscale</i> , <b>2019</b> , 11, 2602-2607	7.7	24
22	Bifunctional Passivation Strategy to Achieve Stable CsPbBr Nanocrystals with Drastically Reduced Thermal-Quenching. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 993-999	6.4	18
21	Confined Synthesis of Stable and Uniform CsPbBr <sub>3</sub> Nanocrystals with High Quantum Yield up to 90% by High Temperature Solid-State Reaction. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002130	8.1	14
20	High-efficiency perovskite nanocrystal light-emitting diodes via decorating NiO on the nanocrystal surface. <i>Nanoscale</i> , <b>2020</b> , 12, 8711-8719	7.7	12
19	Contribution of attendant anions on cadmium toxicity to soil enzymes. <i>Chemosphere</i> , <b>2017</b> , 187, 19-26	8.4	12
18	Removal of arsenic(v) from aqueous solutions using sulfur-doped FeO nanoparticles.. <i>RSC Advances</i> , <b>2018</b> , 8, 40804-40812	3.7	12
17	Soil mineral alters the effect of Cd on the alkaline phosphatase activity. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 161, 78-84	7	11
16	Band Gap Engineering toward Wavelength Tunable CsPbBr <sub>3</sub> Nanocrystals for Achieving Rec. 2020 Displays. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 3575-3584	9.6	11
15	CsPbBr <sub>3</sub> Nanocrystal Light-Emitting Diodes with Efficiency up to 13.4% Achieved by Careful Surface Engineering and Device Engineering. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 3110-3118	3.8	9
14	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> , <b>2018</b> , 1, 3086-3090	5.6	7
13	Synthesis of lead halide perovskite nanocrystals by melt crystallization in halide salts. <i>Chemical Communications</i> , <b>2020</b> , 56, 11291-11294	5.8	7
12	Narrow-Band Violet-Light-Emitting Diodes Based on Stable Cesium Lead Chloride Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 3545-3554	20.1	7
11	Sacrificial oxidation of a self-metal source for the rapid growth of metal oxides on quantum dots towards improving photostability. <i>Chemical Science</i> , <b>2019</b> , 10, 6683-6688	9.4	6
10	Optimized synthesis of CuInS <sub>2</sub> /ZnS:Al/TiO <sub>2</sub> nanocomposites for 1,3-dichloropropene photodegradation. <i>RSC Advances</i> , <b>2016</b> , 6, 77777-77785	3.7	6
9	Synthesis of novel magnetic sulfur-doped Fe <sub>3</sub> O <sub>4</sub> nanoparticles for efficient removal of Pb(II). <i>Science China Chemistry</i> , <b>2018</b> , 61, 164-171	7.9	5
8	Nano ferric oxide adsorbents with self-acidification effect for efficient adsorption of Sb(V).. <i>Chemosphere</i> , <b>2021</b> , 272, 129933	8.4	5

7	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> , <b>2022</b> , 13, 3719-3727	9.4	5
6	Surface Oxidation of Quantum Dots to Improve the Device Performance of Quantum Dot Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 28424-28430	3.8	4
5	A novel approach to coat silica on quantum dots: Forcing decomposition of tetraethyl orthosilicate in toluene at high temperature. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 817, 152698	5.7	4
4	Improving the Stability of CsPbBr <sub>3</sub> Perovskite Nanocrystals by Peroxides Post-treatment. <i>Frontiers in Materials</i> , <b>2019</b> , 6,	4	4
3	Evenly distribution of amorphous iron sulfides on reconstructed Mg-Al hydrotalcites for improving Cr(VI) removal efficiency. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 129228	14.7	3
2	Influence of soil factors on the soil enzyme inhibition by Cd. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , <b>2014</b> , 64, 666-674	1.1	2
1	Simultaneous reduction and sequestration of hexavalent chromium by magnetic βCyclodextrin stabilized FeS.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 431, 128592	12.8	0