

# Dongling

## List of Publications by Year in descending order

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59  
papers

2,466  
citations

218381

26  
h-index

205818

48  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed-Phase ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets Grown on TiO <sub>2</sub> Nanotrees for the Visible-Light Photocatalytic Degradation of Organic Dyes. ACS Applied Nano Materials, 2022, 5, 380-390.	2.4	24
2	Enhancing Efficiency of Nonfullerene Organic Solar Cells via Using Polyelectrolyte-Coated Plasmonic Gold Nanorods as Rear Interfacial Modifiers. ACS Applied Materials & Interfaces, 2022, 14, 16185-16196.	4.0	8
3	Black TiO <sub>2</sub> Nanotube Array/BiVO <sub>4</sub> Heterojunction Photocatalysts for Tetracycline Removal with High Solution Detoxification Efficiency. ACS Applied Nano Materials, 2022, 5, 7161-7174.	2.4	16
4	Advances in 2D/2D ZrS <sub>2</sub> Scheme Heterojunctions for Photocatalytic Applications. Solar Rrl, 2021, 5, 2000397.	3.1	82
5	Air stable conductivity of black phosphorous/graphitic carbon nitride blends. Journal of Materials Chemistry C, 2021, 9, 6404-6408.	2.7	2
6	Phase-enabled metal-organic framework homojunction for highly selective CO <sub>2</sub> photoreduction. Nature Communications, 2021, 12, 1231.	5.8	50
7	Bulky Cations Improve Band Alignment and Efficiency in Sn/Pb Halide Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 2616-2628.	2.5	11
8	Advancing Graphitic Carbon Nitride-Based Photocatalysts toward Broadband Solar Energy Harvesting. , 2021, 3, 663-697.		63
9	Bioinspired tough gel sheath for robust and versatile surface functionalization. Science Advances, 2021, 7, .	4.7	44
10	(Invited) Exploring in the Near Infrared: Multifunctional Nanoplatforms for Biomedical Applications. ECS Meeting Abstracts, 2021, MA2021-01, 1352-1352.	0.0	0
11	Energy Spotlight. ACS Energy Letters, 2021, 6, 3750-3752.	8.8	2
12	Energy Spotlight. ACS Energy Letters, 2021, 6, 277-279.	8.8	1
13	Optimized design and mechanistic understanding of plasmon and upconversion enhanced broadband photocatalysts. Catalysis Today, 2020, 350, 25-32.	2.2	9
14	Atomic insights for Ag Interstitial/Substitutional doping into ZnIn <sub>2</sub> S <sub>4</sub> nanoplates and intimate coupling with reduced graphene oxide for enhanced photocatalytic hydrogen production by water splitting. Applied Catalysis B: Environmental, 2020, 279, 119403.	10.8	65
15	Unveiling Photovoltaic Performance Enhancement Mechanism of Polymer Solar Cells via Synergistic Effect of Binary Solvent Additives. Solar Rrl, 2020, 4, 2000239.	3.1	4
16	Energy Spotlight. ACS Energy Letters, 2020, 5, 2739-2741.	8.8	1
17	Recent advances of near infrared inorganic fluorescent probes for biomedical applications. Journal of Materials Chemistry B, 2020, 8, 7856-7879.	2.9	40
18	Energy Spotlight. ACS Energy Letters, 2020, 5, 1967-1969.	8.8	0

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19	Broadband photocatalysts enabled by 0D/2D heterojunctions of near-infrared quantum dots/graphitic carbon nitride nanosheets. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118879.	10.8	70
20	Understanding Photoelectrochemical Water Oxidation with X-ray Absorption Spectroscopy. <i>ACS Energy Letters</i> , 2020, 5, 975-993.	8.8	52
21	Electron transfer in a semiconductor heterostructure interface through electrophoretic deposition and a linker-assisted method. <i>CrystEngComm</i> , 2020, 22, 1664-1673.	1.3	8
22	Energy Spotlight. <i>ACS Energy Letters</i> , 2020, 5, 1662-1664.	8.8	3
23	A facile way for scalable fabrication of silver nanowire network electrodes for high-performance and foldable smart windows. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8620-8628.	5.2	12
24	Preparation of Plasmonic Cu Nanoparticles By Pulsed Laser Ablation in Liquid and Their Characterization. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1121-1121.	0.0	0
25	(Invited) Exploring in the Near Infrared: Multifunctional Nanoplatforms for Biomedical Applications. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1982-1982.	0.0	0
26	Highly Efficient and Air Stable Ternary Organic Solar Cell Enabled By Employing a Perylenediimide-Based Acceptor. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 85-85.	0.0	0
27	Searching for stability at lower dimensions: current trends and future prospects of layered perovskite solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 2860-2889.	15.6	132
28	Energy Selects. <i>ACS Energy Letters</i> , 2019, 4, 2351-2352.	8.8	1
29	Energy Selects. <i>ACS Energy Letters</i> , 2019, 4, 2569-2570.	8.8	0
30	Are lanthanide-doped upconversion materials good candidates for photocatalysis?. <i>Nanoscale Horizons</i> , 2019, 4, 579-591.	4.1	73
31	Energy Selects. <i>ACS Energy Letters</i> , 2019, 4, 1455-1457.	8.8	5
32	Ice-Assisted Synthesis of Black Phosphorus Nanosheets as a Metal-Free Photocatalyst: 2D/2D Heterostructure for Broadband H <sub>2</sub> Evolution. <i>Advanced Functional Materials</i> , 2019, 29, 1902486.	7.8	116
33	Magnetic Photoluminescent Nanoplatform Built from Large-Pore Mesoporous Silica. <i>Chemistry of Materials</i> , 2019, 31, 3201-3210.	3.2	34
34	Multifunctional Self-Assembled Supernanoparticles for Deep-Tissue Bimodal Imaging and Amplified Dual-Mode Heating Treatment. <i>ACS Nano</i> , 2019, 13, 408-420.	7.3	68
35	Air-Processed, Stable Organic Solar Cells with High Power Conversion Efficiency of 7.41%. <i>Small</i> , 2019, 15, e1804671.	5.2	19
36	(Invited) Harvesting Solar Energy in Near Infrared. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0

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37	(Invited) Multifunctional Nanoplatfoms for Biomedical Applications. ECS Meeting Abstracts, 2019, , .	0.0	0
38	(Invited) Nanohybrids for Manipulating Solar Energy. ECS Meeting Abstracts, 2019, , .	0.0	0
39	High-Performance Suspended Particle Devices Based on Copper-Reduced Graphene Oxide Core-Shell Nanowire Electrodes. Advanced Energy Materials, 2018, 8, 1703658.	10.2	31
40	Toward Enhancing Solar Cell Performance: An Effective and "Green" Additive. ACS Applied Materials & Interfaces, 2018, 10, 6498-6504.	4.0	8
41	Diameter dependent transparency changes of nanorod-based large-area flexible smart window devices. Journal of Materials Chemistry A, 2018, 6, 24157-24165.	5.2	5
42	Efficient Photoelectrochemical Water Oxidation on Hematite with Fluorine-Doped FeOOH and FeNiOOH as Dual Cocatalysts. ChemSusChem, 2018, 11, 3783-3789.	3.6	54
43	Plasmonic Au-Loaded Hierarchical Hollow Porous TiO <sub>2</sub> Spheres: Synergistic Catalysts for Nitroaromatic Reduction. Journal of Physical Chemistry Letters, 2018, 9, 5317-5326.	2.1	56
44	Efficient and stable tandem luminescent solar concentrators based on carbon dots and perovskite quantum dots. Nano Energy, 2018, 50, 756-765.	8.2	170
45	Harnessing the properties of colloidal quantum dots in luminescent solar concentrators. Chemical Society Reviews, 2018, 47, 5866-5890.	18.7	169
46	Ultrasmlal PbS quantum dots: a facile and greener synthetic route and their high performance in luminescent solar concentrators. Journal of Materials Chemistry A, 2017, 5, 10250-10260.	5.2	48
47	Stabilities Related to Near-Infrared Quantum Dot-Based Solar Cells: The Role of Surface Engineering. ACS Energy Letters, 2017, 2, 1573-1585.	8.8	39
48	Enhanced Long-term and Thermal Stability of Polymer Solar Cells in Air at High Humidity with the Formation of Unusual Quantum Dot Networks. ACS Applied Materials & Interfaces, 2017, 9, 26257-26267.	4.0	17
49	High-Efficiency Broadband C <sub>3</sub> N <sub>4</sub> Photocatalysts: Synergistic Effects from Upconversion and Plasmons. ACS Catalysis, 2017, 7, 6225-6234.	5.5	144
50	Iodide capped PbS/CdS core-shell quantum dots for efficient long-wavelength near-infrared light-emitting diodes. Scientific Reports, 2017, 7, 14741.	1.6	32
51	Effect of Surface Oxidation on the Interaction of 1-Methylaminopyrene with Gold Nanoparticles. Langmuir, 2012, 28, 2858-2865.	1.6	12
52	Single crystalline La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> microcubes as cathode of solid oxidefuel cell. Energy and Environmental Science, 2011, 4, 139-144.	15.6	81
53	Effect of CdS shell thickness on the optical properties of water-soluble, amphiphilic polymer-encapsulated PbS/CdS core/shell quantum dots. Journal of Materials Chemistry, 2011, 21, 17483.	6.7	75
54	Ligand and Precursor Effects on the Synthesis and Optical Properties of PbS Quantum Dots. Journal of Nanoscience and Nanotechnology, 2010, 10, 4897-4905.	0.9	6

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55	Self-selective recovery of photoluminescence in amphiphilic polymer encapsulated PbS quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14754.	1.3	27
56	Multifunctional Nano-Architecture for Biomedical Applications. <i>Chemistry of Materials</i> , 2006, 18, 1920-1927.	3.2	176
57	A New Approach Towards Controlled Synthesis of Multifunctional Core-Shell Nano-Architectures: Luminescent and Superparamagnetic. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3677-3684.	0.9	12
58	Influence of nanoparticle surface modification on the electrical behaviour of polyethylene nanocomposites. <i>Nanotechnology</i> , 2005, 16, 724-731.	1.3	209
59	Property balancing for polyethylene-based carbon black-filled conductive composites. <i>Journal of Applied Polymer Science</i> , 1998, 67, 131-138.	1.3	80