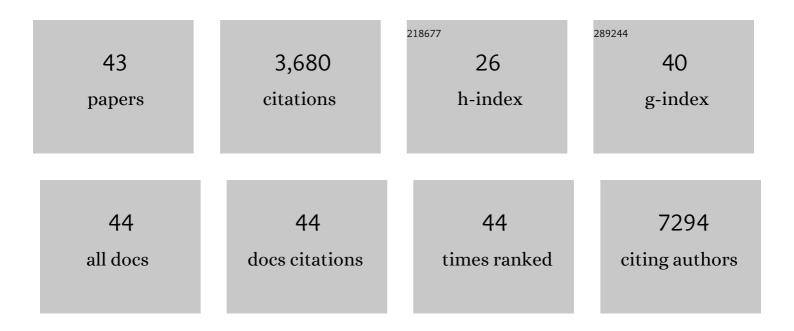


## List of Publications by Year in descending order

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Bo Wu

#	Article	IF	CITATIONS
1	A Versatile Solver of the Normal Modes for Horizontal Stratified Complicated Models. Seismological Research Letters, 2022, 93, 1852-1867.	1.9	3
2	Uniformly asymptotic eigensolutions of the Earth's toroidal modes. Geophysical Journal International, 2021, 228, 250-258.	2.4	1
3	Indirect tail states formation by thermal-induced polar fluctuations in halide perovskites. Nature Communications, 2019, 10, 484.	12.8	88
4	Enhanced Photovoltaic Performance and Thermal Stability of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite through Lattice Symmetrization. ACS Applied Materials & Interfaces, 2019, 11, 740-746.	8.0	20
5	Critical role of chloride in organic ammonium spacer on the performance of Low-dimensional Ruddlesden-Popper perovskite solar cells. Nano Energy, 2019, 56, 373-381.	16.0	59
6	Limitations of Cs <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> as Lead-Free Photovoltaic Absorber Materials. ACS Applied Materials & Interfaces, 2018, 10, 35000-35007.	8.0	133
7	Long Electron–Hole Diffusion Length in Highâ€Quality Leadâ€Free Double Perovskite Films. Advanced Materials, 2018, 30, e1706246.	21.0	242
8	Surface Rutilization of Anatase TiO2 for Efficient Electron Extraction and Stable Pmax Output of Perovskite Solar Cells. CheM, 2018, 4, 911-923.	11.7	28
9	Highâ€Performance As ast Nonfullerene Polymer Solar Cells with Thicker Active Layer and Large Area Exceeding 11% Power Conversion Efficiency. Advanced Materials, 2018, 30, 1704546.	21.0	233
10	Superior Performance of Silver Bismuth Iodide Photovoltaics Fabricated via Dynamic Hot asting Method under Ambient Conditions. Advanced Energy Materials, 2018, 8, 1802051.	19.5	84
11	Elucidating Surface and Bulk Emission in 3D Hybrid Organic–Inorganic Lead Bromide Perovskites. Advanced Optical Materials, 2018, 6, 1800470.	7.3	28
12	Doping and Switchable Photovoltaic Effect in Leadâ€Free Perovskites Enabled by Metal Cation Transmutation. Advanced Materials, 2018, 30, e1802080.	21.0	30
13	Transcending the slow bimolecular recombination in lead-halide perovskites for electroluminescence. Nature Communications, 2017, 8, 14558.	12.8	473
14	Long Minorityâ€Carrier Diffusion Length and Low Surfaceâ€Recombination Velocity in Inorganic Leadâ€Free CsSnl <sub>3</sub> Perovskite Crystal for Solar Cells. Advanced Functional Materials, 2017, 27, 1604818.	14.9	164
15	Chemical Vapor Deposition of Large-Size Monolayer MoSe <sub>2</sub> Crystals on Molten Glass. Journal of the American Chemical Society, 2017, 139, 1073-1076.	13.7	258
16	Hot carrier cooling mechanisms in halide perovskites. Nature Communications, 2017, 8, 1300.	12.8	347
17	Accurate computation of leaky modes for anomalous layered models. Annals of Geophysics, 2017, 60, .	1.0	9
18	Synthesis and Characterization of Mn:ZnSe/ZnS/ZnMnS Sandwiched QDs for Multimodal Imaging and Theranostic Applications. Small, 2016, 12, 534-546.	10.0	33

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19	Discerning the Surface and Bulk Recombination Kinetics of Organic–Inorganic Halide Perovskite Single Crystals. Advanced Energy Materials, 2016, 6, 1600551.	19.5	271
20	Spatial Separation of Charge Carriers in In <sub>2</sub> O <sub>3–<i>x</i></sub> (OH) <sub><i>y</i></sub> Nanocrystal Superstructures for Enhanced Gas-Phase Photocatalytic Activity. ACS Nano, 2016, 10, 5578-5586.	14.6	118
21	New Insights into the Correlation between Morphology, Excited State Dynamics, and Device Performance of Small Molecule Organic Solar Cells. Advanced Energy Materials, 2016, 6, 1600961.	19.5	34
22	Effectiveness of External Electric Field Treatment of Conjugated Polymers in Bulk-Heterojunction Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 32282-32291.	8.0	22
23	Stable, accurate and efficient computation of normal modes for horizontal stratified models. Geophysical Journal International, 2016, 206, 1281-1300.	2.4	15
24	Prolonged Electron Lifetime in Ordered TiO <sub>2</sub> Mesophyll Cell‣ike Microspheres for Efficient Photocatalytic Water Reduction and Oxidation. Small, 2016, 12, 2291-2299.	10.0	50
25	Charge Accumulation and Hysteresis in Perovskiteâ€Based Solar Cells: An Electroâ€Optical Analysis. Advanced Energy Materials, 2015, 5, 1500829.	19.5	217
26	Energetics and dynamics in organic–inorganic halide perovskite photovoltaics and light emitters. Nanotechnology, 2015, 26, 342001.	2.6	75
27	Interfacial Electron Transfer Barrier at Compact TiO <sub>2</sub> /CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Heterojunction. Small, 2015, 11, 3606-3613.	10.0	196
28	Enhancement of Performance and Mechanism Studies of All-Solution Processed Small-Molecule based Solar Cells with an Inverted Structure. ACS Applied Materials & Interfaces, 2015, 7, 21245-21253.	8.0	12
29	Correlation between blend morphology and recombination dynamics in additive-added P3HT:PCBM solar cells. Physical Chemistry Chemical Physics, 2015, 17, 26111-26120.	2.8	15
30	Charge dynamics in alkanedithiols-additives in P3HT:PCBM bulk heterojunction solar cells. Proceedings of SPIE, 2014, , .	0.8	0
31	Ag nanoparticle-blended plasmonic organic solar cells: performance enhancement or detraction?. , 2014, , .		2
32	Performance Improvements in Polymer Nanofiber/Fullerene Solar Cells with External Electric Field Treatment. Journal of Physical Chemistry C, 2014, 118, 11285-11291.	3.1	26
33	Elucidating the Localized Plasmonic Enhancement Effects from a Single Ag Nanowire in Organic Solar Cells. ACS Nano, 2014, 8, 10101-10110.	14.6	33
34	Ultrafast Exciton Dynamics and Twoâ€Photon Pumped Lasing from ZnSe Nanowires. Advanced Optical Materials, 2013, 1, 319-326.	7.3	22
35	Exciton Dynamics: Ultrafast Exciton Dynamics and Twoâ€Photon Pumped Lasing from ZnSe Nanowires (Advanced Optical Materials 4/2013). Advanced Optical Materials, 2013, 1, 276-276.	7.3	1
36	Origin of green emission and charge trapping dynamics in ZnO nanowires. Physical Review B, 2013, 87, .	3.2	68

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37	Uncovering loss mechanisms in silver nanoparticle-blended plasmonic organic solar cells. Nature Communications, 2013, 4, 2004.	12.8	118
38	Size and Surface Effects on Transient Photoconductivity in CdS Nanobelts Probed by Optical Pump-Terahertz Probe Spectroscopy. , 2013, , .		0
39	Ultrafast Charge Carrier Dynamics and Upconversion Lasing from ZnSe Nanowires. , 2013, , .		0
40	Size and surface effects on transient photoconductivity in CdS nanobelts probed by time-resolved terahertz spectroscopy. Applied Physics Letters, 2012, 101, 091104.	3.3	13
41	Ultrafine Gold Nanowire Networks as Plasmonic Antennae in Organic Photovoltaics. Journal of Physical Chemistry C, 2012, 116, 6453-6458.	3.1	69
42	Resonant Aluminum Nanodisk Array for Enhanced Tunable Broadband Light Trapping in Ultrathin Bulk Heterojunction Organic Photovoltaic Devices. Plasmonics, 2012, 7, 677-684.	3.4	22
43	Efficiency Enhancement in Bulk-Heterojunction Solar Cells Integrated with Large-Area Ag Nanotriangle Arrays. Journal of Physical Chemistry C, 2012, 116, 14820-14825.	3.1	46