

# Jinbiao Jia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2753347/publications.pdf>

Version: 2024-02-01

24  
papers

714  
citations

361413  
20  
h-index

610901  
24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postpassivation of Cs <sub>0.05</sub> (FA <sub>0.83</sub> MA <sub>0.17</sub> ) <sub>0.95</sub> Pb(I <sub>0.83</sub> Br <sub>0.17</sub> ) <sub>3</sub> Perovskite Films with Tris(pentafluorophenyl)borane. ACS Applied Materials & Interfaces, 2021, 13, 2472-2482.	8.0	34
2	Enhanced photocurrent of perovskite solar cells by dual-sensitized $\hat{I}^2$ -NaYF <sub>4</sub> :Nd <sup>3+</sup> /Yb <sup>3+</sup> /Er <sup>3+</sup> up-conversion nanoparticles. Chemical Physics Letters, 2021, 763, 138253.	2.6	23
3	Plasmonic Au Nanooctahedrons Enhance Light Harvesting and Photocurrent Extraction in Perovskite Solar Cell. ACS Applied Energy Materials, 2021, 4, 3201-3209.	5.1	25
4	Zwitterion-Stabilizing Scalable Bladed $\hat{I}^{\pm}$ -Phase Cs <sub>0.1</sub> FA <sub>0.9</sub> PbI <sub>3</sub> Films for Efficient Inverted Planar Perovskite Solar Cells. ACS Sustainable Chemistry and Engineering, 2020, 8, 7020-7030.	6.7	27
5	Improved photovoltaic performance of perovskite solar cells by utilizing down-conversion NaYF <sub>4</sub> :Eu <sup>3+</sup> nanophosphors. Journal of Materials Chemistry C, 2019, 7, 937-942.	5.5	40
6	High performance perovskite solar cells based on $\hat{I}^2$ -NaYF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> /Sc <sup>3+</sup> @NaYF <sub>4</sub> core-shell upconversion nanoparticles. Journal of Power Sources, 2019, 426, 178-187.	7.8	65
7	Spin-coated cobalt telluride counter electrodes for highly efficient dye-sensitized solar cells. Materials Research Bulletin, 2019, 115, 65-69.	5.2	10
8	Hollow rod-like hybrid Co <sub>2</sub> CrO <sub>4</sub> /Co <sub>1-x</sub> S for high-performance asymmetric supercapacitor. Journal of Materials Science: Materials in Electronics, 2019, 30, 1045-1055.	2.2	4
9	High-Performance and Hysteresis-Free Perovskite Solar Cells Based on Rare-Earth-Doped SnO <sub>2</sub> Mesoporous Scaffold. Research, 2019, 2019, 4049793.	5.7	35
10	Cadmium sulfide as an efficient electron transport material for inverted planar perovskite solar cells. Chemical Communications, 2018, 54, 3170-3173.	4.1	41
11	Hydrothermal Synthesis of Hybrid Rod-Like Hollow CoWO <sub>4</sub> /Co <sub>1-x</sub> S for High-Performance Supercapacitors. ChemElectroChem, 2018, 5, 1047-1055.	3.4	30
12	Annealing-Free Cr <sub>2</sub> O <sub>3</sub> Electron-Selective Layer for Efficient Hybrid Perovskite Solar Cells. ChemSusChem, 2018, 11, 619-628.	6.8	22
13	Improving the Performance of a Perovskite Solar Cell by Adjusting the Dispersant for Titanium Dioxide. Energy Technology, 2018, 6, 677-682.	3.8	2
14	A transparent nickel selenide counter electrode for high efficient dye-sensitized solar cells. Applied Surface Science, 2017, 401, 1-6.	6.1	31
15	Nickel selenide/reduced graphene oxide nanocomposite as counter electrode for high efficient dye-sensitized solar cells. Journal of Colloid and Interface Science, 2017, 498, 217-222.	9.4	41
16	Influence of deposition voltage of cobalt diselenide preparation on the film quality and the performance of dye-sensitized solar cells. Solar Energy, 2017, 151, 61-67.	6.1	25
17	Modulated CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3-x</sub> Br <sub>x</sub> film for efficient perovskite solar cells exceeding 18%. Scientific Reports, 2017, 7, 44603.	3.3	60
18	High-Performance Molybdenum Diselenide Electrodes Used in Dye-Sensitized Solar Cells and Supercapacitors. IEEE Journal of Photovoltaics, 2016, 6, 1196-1202.	2.5	24

#	ARTICLE	IF	CITATIONS
19	Cobalt selenite dihydrate as an effective and stable Pt-free counter electrode in dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2016, 336, 83-90.	7.8	27
20	An in situ polymerized PEDOT/Fe <sub>3</sub> O <sub>4</sub> composite as a Pt-free counter electrode for highly efficient dye sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 1637-1643.	3.6	28
21	Transparent nickel selenide used as counter electrode in high efficient dye-sensitized solar cells. <i>Journal of Alloys and Compounds</i> , 2015, 640, 29-33.	5.5	45
22	Cobalt/molybdenum ternary hybrid with hierarchical architecture used as high efficient counter electrode for dye-sensitized solar cells. <i>Solar Energy</i> , 2015, 122, 326-333.	6.1	16
23	Cobalt selenide/tin selenide hybrid used as a high efficient counter electrode for dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 10102-10108.	2.2	21
24	Cobalt telluride/reduced graphene oxide using as high performance counter electrode for dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2015, 185, 184-189.	5.2	38