Jonathan Bradford

List of Publications by Year
in descending order

14	253	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	557
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-operating temperature NO2 gas sensors based on hybrid two-dimensional SnS2-reduced graphene oxide. Applied Surface Science, 2018, 462, 330-336.	6.1	89
2	Tuning the Amount of Oxygen Vacancies in Sputterâ€Deposited SnO_x films for Enhancing the Performance of Perovskite Solar Cells. ChemSusChem, 2018, 11, 3096-3103.	6.8	38
3	Efficiency enhancement of Cu2ZnSnS4 thin film solar cells by chromium doping. Solar Energy Materials and Solar Cells, 2019, 201, 110057.	6.2	18
4	Synthesis and characterization of WS2/graphene/SiC van der Waals heterostructures via WO3â^'x thin film sulfurization. Scientific Reports, 2020, 10, 17334.	3.3	15
5	Epitaxy of boron nitride monolayers for graphene-based lateral heterostructures. 2D Materials, 2021, 8, 034001.	4.4	15
6	Step-flow growth of graphene-boron nitride lateral heterostructures by molecular beam epitaxy. 2D Materials, 2020, 7, 035014.	4.4	14
7	Self-assembly of noble metal-free grapheneâ€“copper plasmonic metasurfaces. Journal of Materials Chemistry C, 2020, 8, 11896-11905.	5.5	12
8	Substrate-mediated growth of oriented, vertically aligned MoS2 nanosheets on vicinal and on-axis SiC substrates. Applied Surface Science, 2021, 552, 149303.	6.1	12
9	Adsorption and Reactivity of Pyridine Dicarboxylic Acid on Cu(111). Journal of Physical Chemistry C, 2018, 122, 17836-17845.	3.1	11
10	Transferâ€Free Synthesis of Lateral Grapheneâ€“Hexagonal Boron Nitride Heterostructures from Chemically Converted Epitaxial Graphene. Advanced Materials Interfaces, 2019, 6, 1900419.	3.7	10
11	Adsorption, Deprotonation, and Decarboxylation of Isophthalic Acid on Cu(111). Langmuir, 2019, 35, 7112-7120.	3.5	10
12	Paperâ€Like Writable Nanoparticle Network Sheets for Maskâ€Less MOF Patterning. Advanced Functional Materials, 2022, 32, .	14.9	5
13	MoS₂/Epitaxial graphene layered electrodes for solid-state supercapacitors. Nanotechnology, 2021, 32, 195401.	2.6	3
14	2D MoS 2 Heterostructures on Epitaxial and Selfâ€Standing Graphene for Energy Storage: From Growth Mechanism to Application. Advanced Materials Technologies, 0, , 2100963.	5.8	1