

Feifei Xia

List of Publications by Year in descending order

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11
papers

232
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Sn ₂ Monolayer-Supported Transition Metal Atoms as Efficient Bifunctional Oxygen Electrocatalysts: A Theoretical Investigation. <i>Energy & Fuels</i> , 2022, 36, 4992-4998.	5.1	9
2	Enhancing the catalytic activity of CdX and ZnX (X = S, Se and Te) nanostructures for the hydrogen evolution reaction <i>via</i> transition metal doping. <i>Materials Advances</i> , 2022, 3, 5772-5777.	5.4	2
3	Modulating the Electronic, Optical, and Transport Properties of CdTe and ZnTe Nanostructures with Organic Molecules: A Theoretical Investigation. <i>ACS Omega</i> , 2020, 5, 21922-21928.	3.5	2
4	Tuning Electrical and Raman Scattering Properties of Cadmium Sulfide Nanoribbons via Surface Charge Transfer Doping. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15794-15801.	3.1	7
5	CdS Nanoribbon-Based Resistive Switches with Ultrawidely Tunable Power by Surface Charge Transfer Doping. <i>Advanced Functional Materials</i> , 2018, 28, 1706577.	14.9	16
6	The improvement of photocatalytic activity of monolayer g-C ₃ N ₄ via surface charge transfer doping. <i>RSC Advances</i> , 2018, 8, 1899-1904.	3.6	19
7	Enhanced visible light absorption performance of SnS ₂ and SnSe ₂ <i>via</i> surface charge transfer doping. <i>RSC Advances</i> , 2018, 8, 40464-40470.	3.6	10
8	Tuning the Electronic and Optical Properties of Monolayers As, Sb, and Bi via Surface Charge Transfer Doping. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19530-19537.	3.1	35
9	Surface Charge Transfer Doping <i>via</i> Transition Metal Oxides for Efficient p-Type Doping of II-VI Nanostructures. <i>ACS Nano</i> , 2016, 10, 10283-10293.	14.6	31
10	MoO ₃ Nanodots Decorated CdS Nanoribbons for High-Performance, Homojunction Photovoltaic Devices on Flexible Substrates. <i>Nano Letters</i> , 2015, 15, 3590-3596.	9.1	38
11	Surface Charge Transfer Doping of Monolayer Phosphorene via Molecular Adsorption. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4701-4710.	4.6	63