

Kateryna Kushnir

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

166
citations

1478505

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h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoexcited Free Carrier Dynamics in Bi ₂ Se ₃ , (Bi _{0.75} In _{0.25}) ₂ Se ₃ , and (Bi _{0.50} In _{0.50}) ₂ Se ₃ : From Topological to Band Insulator. ACS Photonics, 2020, 7, 2778-2786.	6.6	11
2	Balancing Light Absorption and Charge Transport in Vertical SnS ₂ Nanoflake Photoanodes with Stepped Layers and Large Intrinsic Mobility. Advanced Energy Materials, 2019, 9, 1901236.	19.5	41
3	Ultrafast Zero-Bias Surface Photocurrent in Germanium Selenide: Promise for Terahertz Devices and Photovoltaics. ACS Applied Materials & Interfaces, 2019, 11, 5492-5498.	8.0	20
4	Terahertz Spectroscopy of 2D Materials. , 2018, , .		1
5	Carrier Dynamics in SnS ₂ Single Crystals and Vertical Nanostructures: Role of Edges. , 2018, , .		1
6	Dynamics of Photoexcited Carriers in Polycrystalline PbS and at PbS/ZnO Heterojunctions: Influence of Grain Boundaries and Interfaces. Journal of Physical Chemistry C, 2018, 122, 11682-11688.	3.1	12
7	Ultrafast zero-bias photocurrent in GeS nanosheets. , 2018, , .		0
8	Terahertz emission from 2D nanomaterials. , 2018, , .		2
9	Ultrafast Zero-Bias Photocurrent in GeS Nanosheets: Promise for Photovoltaics. ACS Energy Letters, 2017, 2, 1429-1434.	17.4	53
10	Enhancing the solar energy conversion efficiency of solution-deposited Bi ₂ S ₃ thin films by annealing in sulfur vapor at elevated temperature. Sustainable Energy and Fuels, 2017, 1, 2134-2144.	4.9	25