

Ehsan Elahi

List of Publications by Year in descending order

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8
papers

184
citations

1307594

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1588992

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10
docs citations

10
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical doping of transition metal dichalcogenides (TMDCs) based field effect transistors: A review. Superlattices and Microstructures, 2020, 137, 106350.	3.1	37
2	Enhanced electrical and broad spectral (UV-Vis-NIR) photodetection in a Gr/ReSe ₂ /Gr heterojunction. Dalton Transactions, 2020, 49, 10017-10027.	3.3	36
3	Tailoring the electrical properties of MoTe ₂ field effect transistor via chemical doping. Superlattices and Microstructures, 2019, 135, 106247.	3.1	35
4	A facile route to enhance the mobility of MoTe ₂ field effect transistor via chemical doping. Superlattices and Microstructures, 2020, 147, 106698.	3.1	22
5	A review on two-dimensional (2D) perovskite material-based solar cells to enhance the power conversion efficiency. Dalton Transactions, 2022, 51, 797-816.	3.3	20
6	Lateral PIN (p-MoTe ₂ /Intrinsic-MoTe ₂ /n-MoTe ₂) Homojunction Photodiodes. ACS Applied Nano Materials, 2022, 5, 6455-6462.	5.0	19
7	ReSe ₂ /metal interface for hydrogen gas sensing. Journal of Colloid and Interface Science, 2021, 603, 511-517.	9.4	12
8	Enhancing the electronic properties of the graphene-based field-effect transistor via chemical doping of KBr. Journal of Materials Science: Materials in Electronics, 2022, 33, 12416-12425.	2.2	3