Ghulam Hussain

List of Publications by Year
in descending order

14	296	932766 10	1058022 14
papers	citations	h-index	g-index

14	14	14	374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on Raman finger prints of doping and strain effect in TMDCs. Microelectronic Engineering, 2020, 219, 111152.	1.1	67
2	Chemical doping of transition metal dichalcogenides (TMDCs) based field effect transistors: A review. Superlattices and Microstructures, 2020, 137, 106350.	1.4	37
3	Effect of E-beam irradiation on graphene sandwiched between h-BN layers. Microelectronic Engineering, 2019, 216, 111044.	1.1	1
4	Gate dependent phonon shift in tungsten disulfide (WS₂) field effect transistor. Materials Research Express, 2019, 6, 115909.	0.8	11
5	Formation of an MoTe₂ based Schottky junction employing ultra-low and high resistive metal contacts. RSC Advances, 2019, 9, 10017-10023.	1.7	27
6	Recent advancements in 2D-materials interface based magnetic junctions for spintronics. Journal of Magnetism and Magnetic Materials, 2018, 457, 110-125.	1.0	29
7	Influence of DC-biasing on the performance of graphene spin valve. Solid State Communications, 2018, 272, 33-36.	0.9	3
8	Spin Valve Effect of 2Dâ€Materials Based Magnetic Junctions. Advanced Engineering Materials, 2018, 20, 1700692.	1.6	12
9	Enhanced magnetoresistance in graphene spin valve. Journal of Magnetism and Magnetic Materials, 2017, 429, 330-333.	1.0	21
10	Graphene spin valve: An angle sensor. Journal of Magnetism and Magnetic Materials, 2017, 432, 135-139.	1.0	16
11	Interlayer reliant magnetotransport in graphene spin valve. Journal of Magnetism and Magnetic Materials, 2017, 441, 39-42.	1.0	15
12	Electron spin dynamics in vertical magnetic junctions incorporating two-dimensional layered materials. Journal of Materials Chemistry C, 2017, 5, 11174-11184.	2.7	9
13	Interlayer quality dependent graphene spin valve. Journal of Magnetism and Magnetic Materials, 2017, 422, 322-327.	1.0	15
14	Room temperature spin valve effect in the NiFe/Grâ€“hBN/Co magnetic tunnel junction. Journal of Materials Chemistry C, 2016, 4, 8711-8715.	2.7	33