

M Umar Farooq

List of Publications by Year in descending order

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papers

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1040056

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496
citing authors

#	ARTICLE	IF	CITATIONS
1	Bias-dependent transport properties of passivated tilted black phosphorene nanoribbons. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11021-11027.	2.8	5
2	Ultra-high capacity hydrogen storage in a Li decorated two-dimensional C ₂ N layer. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2821-2828.	10.3	127
3	Hydrogen functionalization induced two-dimensional ferromagnetic semiconductor in Mn di-halide systems. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29516-29524.	2.8	9
4	Two-Dimensional Magnetic Semiconductor in Feroxyhyte. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35368-35375.	8.0	14
5	Superconductivity in two-dimensional ferromagnetic MnB. <i>Scientific Reports</i> , 2017, 7, 17101.	3.3	11
6	Ferromagnetism controlled by electric field in tilted phosphorene nanoribbon. <i>Scientific Reports</i> , 2016, 6, 26300.	3.3	16
7	Long-Range Magnetic Ordering and Switching of Magnetic State by Electric Field in Porous Phosphorene. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 647-652.	4.6	17
8	Anisotropic bias dependent transport property of defective phosphorene layer. <i>Scientific Reports</i> , 2015, 5, 12482.	3.3	45
9	Manipulation of Magnetic State in Armchair Black Phosphorene Nanoribbon by Charge Doping. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14423-14430.	8.0	34
10	Spin-Dependent Transport and Optical Properties of Transparent Half-Metallic g-C ₄ N ₃ Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1859-1866.	3.1	16