

# M Umar Farooq

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11009280/publications.pdf>

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10  
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docs citations

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times ranked

496  
citing authors

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