

# Usman Ghani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10083551/publications.pdf>

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7  
papers

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1937685

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docs citations

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times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superior photothermal black TiO <sub>2</sub> with random size distribution as flexible film for efficient solar steam generation. Applied Materials Today, 2020, 20, 100669.	4.3	27
2	One-step sonochemical fabrication of biomass-derived porous hard carbons; towards tuned-surface anodes of sodium-ion batteries. Journal of Colloid and Interface Science, 2022, 611, 578-587.	9.4	21
3	Exploring graphene quantum dots@TiO <sub>2</sub> rutile (0 1 1) interface for visible-driven hydrogen production in photoelectrochemical cell: Density functional theory and experimental study. Applied Surface Science, 2022, 576, 151871.	6.1	10
4	Photoinduced Symmetry Breaking-Charge Separation in the Aggregated State of Perylene Diimide: Effect of Hydrophobicity. Journal of Physical Chemistry C, 2022, 126, 3872-3880.	3.1	9
5	A DFT+U approach: Superior charge transfer characteristics and optoelectronic properties of GQD@TiO <sub>2</sub> rutile (110) surface for improved hydrogen evolution. Surfaces and Interfaces, 2022, 30, 101952.	3.0	4
6	Ultrafast dynamics of the liquid deposited blend film of porphyrin donor and perylene diimide acceptor. Chemical Physics, 2022, 559, 111547.	1.9	1
7	First Principle DFT + U Calculations for the Optoelectronic Properties of Cu and C-Cu co-doped TiO <sub>2</sub> Anatase Model. Asian Journal of Chemistry, 2022, 34, 1863-1868.	0.3	1