

Usman Ghani

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring graphene quantum dots@TiO ₂ 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
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	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
4	A DFT+U approach: Superior charge transfer characteristics and optoelectronic properties of GQD@TiO ₂ rutile (110) surface for improved hydrogen evolution. Surfaces and Interfaces, 2022, 30, 101952.	3.0	4
5	Ultrafast dynamics of the liquid deposited blend film of porphyrin donor and perylene diimide acceptor. Chemical Physics, 2022, 559, 111547.	1.9	1
6	First Principle DFT + U Calculations for the Optoelectronic Properties of Cu and C-Cu co-doped TiO ₂ Anatase Model. Asian Journal of Chemistry, 2022, 34, 1863-1868.	0.3	1
7	Superior photothermal black TiO ₂ with random size distribution as flexible film for efficient solar steam generation. Applied Materials Today, 2020, 20, 100669.	4.3	27