

Rachel M Doughty

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

142
citations

1307594

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1720034

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docs citations

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times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvent route synthesis of zinc and copper vanadate n-type semiconductors â€“ mapping oxygen vacancies and their effect on photovoltage. Journal of Materials Chemistry A, 2019, 7, 12303-12316.	10.3	43
2	Photochemistry of nitrate chemisorbed on various metal oxide surfaces. Physical Chemistry Chemical Physics, 2015, 17, 20775-20785.	2.8	28
3	Local Structural Disorder in Metavanadates MV_2O_6 (M = Zn and Cu) Synthesized by the Deep Eutectic Solvent Route: Photoactive Oxides with Oxygen Vacancies. Chemistry of Materials, 2021, 33, 1667-1682.	6.7	21
4	Role of Surface States in Photocatalytic Oxygen Evolution with $CuWO_4$ Particles. Journal of the Electrochemical Society, 2019, 166, H3014-H3019.	2.9	20
5	Surface photovoltage spectroscopy observes junctions and carrier separation in gallium nitride nanowire arrays for overall water-splitting. Journal of Chemical Physics, 2020, 153, 144707.	3.0	11
6	Fermi Level Pinning Controls Band Bending and Photochemical Charge Separation in Particles of n-SrTiO ₃ , n-SrTiO ₃ :Al, and n-GaAs:Te. Journal of Physical Chemistry C, 2020, 124, 18426-18435.	3.1	10
7	The Deep Eutectic Solvent Precipitation Synthesis of Metastable $Zn_4V_2O_9$. Inorganic Chemistry, 2022, 61, 154-169.	4.0	9