

Ata Ur Rehman

List of Publications by Year in descending order

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18
papers

461
citations

687363

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839539

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18
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of polymeric carbon nitride based Donor-Acceptor conjugated copolymers for enhanced photocatalytic full water splitting. Journal of Colloid and Interface Science, 2020, 560, 743-754.	9.4	70
2	Synthesis of silver nanoparticles using Plantago lanceolata extract and assessing their antibacterial and antioxidant activities. Scientific Reports, 2021, 11, 20754.	3.3	48
3	Fabrication of polymer carbon nitride with organic monomer for effective photocatalytic hydrogen evolution. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112764.	3.9	39
4	Molecular engineering of carbon nitride towards photocatalytic H ₂ evolution and dye degradation. Journal of Colloid and Interface Science, 2021, 597, 39-47.	9.4	36
5	Hydration behavior of MgSO ₄ •ZnSO ₄ composites for long-term thermochemical heat storage application. Journal of Energy Storage, 2019, 26, 101026.	8.1	35
6	One-step synthesis of renewable magnetic tea-biochar derived from waste tea leaves for the removal of Hg ⁰ from coal-syngas. Journal of Environmental Chemical Engineering, 2021, 9, 105313.	6.7	35
7	Water sorption studies on ZnSO ₄ •zeolite composite as potential thermochemical heat storage materials. International Journal of Energy Research, 2020, 44, 269-281.	4.5	30
8	Thermochemical heat storage ability of ZnSO ₄ •7H ₂ O as potential long-term heat storage material. International Journal of Energy Research, 2021, 45, 4746-4754.	4.5	23
9	Organic Conjugation of Polymeric Carbon Nitride for Improved Photocatalytic CO ₂ Conversion and H ₂ Fixation. Energy Technology, 2021, 9, 2100091.	3.8	22
10	Corrosion behavior of aluminum in molten hydrated salt phase change materials for thermal energy storage. Materials Research Express, 2020, 7, 015529.	1.6	20
11	Paper title: thermochemical heat storage behavior of ZnSO ₄ •7H ₂ O under low-temperature. Heat and Mass Transfer, 2021, 57, 765-775.	2.1	20
12	A molecular amalgamation of carbon nitride polymer as emphasized photocatalytic performance. International Journal of Energy Research, 2021, 45, 19921-19928.	4.5	18
13	Thermoelectric properties of indium-doped zinc oxide sintered in an argon atmosphere. Journal of Materials Science: Materials in Electronics, 2019, 30, 4813-4818.	2.2	14
14	A newly synthesized green corrosion inhibitor imidazoline derivative for carbon steel in 7.5% NH ₄ Cl solution. Sustainable Chemistry and Pharmacy, 2020, 16, 100258.	3.3	14
15	Hydration performance and cycling stability of three TCM: MgSO ₄ , ZnSO ₄ and FeSO ₄ . International Journal of Energy Research, 2020, 44, 6981-6990.		
16	Synthesis, Characterization, Structural Description, Micellization Behavior, DNA Binding Study and Antioxidant Activity of 4, 5 and 6-Coordinated Copper(II) and Zinc(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 895-903.	1.2	9
17	Characterisation of magnesium, zinc and iron sulfates for thermochemical storage. Proceedings of Institution of Civil Engineers: Energy, 2020, 173, 60-67.	0.6	8
18	Inorganic salt hydrates and zeolites composites studies for thermochemical heat storage. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1481-1497.	2.8	8