

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
docs citations

18
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermochemical heat storage ability of $ZnSO_4 \cdot 7H_2O$ as potential long-term heat storage material. International Journal of Energy Research, 2021, 45, 4746-4754.	4.5	23
2	Paper title: thermochemical heat storage behavior of $ZnSO_4 \cdot 7H_2O$ under low-temperature. Heat and Mass Transfer, 2021, 57, 765-775.	2.1	20
3	Inorganic salt hydrates and zeolites composites studies for thermochemical heat storage. Zeitschrift Fur Physikalische Chemie, 2021, 235, 1481-1497.	2.8	8
4	One-step synthesis of renewable magnetic tea-biochar derived from waste tea leaves for the removal of Hg0 from coal-syngas. Journal of Environmental Chemical Engineering, 2021, 9, 105313.	6.7	35
5	A molecular amalgamation of carbon nitride polymer as emphasized photocatalytic performance. International Journal of Energy Research, 2021, 45, 19921-19928.	4.5	18
6	Organic Conjugation of Polymeric Carbon Nitride for Improved Photocatalytic CO_2 Conversion and H_2 Fixation. Energy Technology, 2021, 9, 2100091.	3.8	22
7	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
8	Synthesis of silver nanoparticles using Plantago lanceolata extract and assessing their antibacterial and antioxidant activities. Scientific Reports, 2021, 11, 20754.	3.3	48
9	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
10	Characterisation of magnesium, zinc and iron sulfates for thermochemical storage. Proceedings of Institution of Civil Engineers: Energy, 2020, 173, 60-67.	0.6	8
11	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
12	Synthesis, Characterization, Structural Description, Micellization Behavior, DNA Binding Study and Antioxidant Activity of 4, 5 and 6- β -Coordinated Copper(II) and Zinc(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 895-903.	1.2	9
13	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
14	Corrosion behavior of aluminum in molten hydrated salt phase change materials for thermal energy storage. Materials Research Express, 2020, 7, 015529.	1.6	20
15	A newly synthesized green corrosion inhibitor imidazoline derivative for carbon steel in 7.5% NH_4Cl solution. Sustainable Chemistry and Pharmacy, 2020, 16, 100258.	3.3	14
16	Hydration performance and cycling stability of three TCMs: $MgSO_4$, $ZnSO_4$ and $FeSO_4$. International Journal of Energy Research, 2020, 44, 6981-6990.	1.2	9
17	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
18	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