

Tarek Alammam

List of Publications by Year in descending order

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papers

799
citations

516710

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794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile preparation of Ag/ZnO nanoparticles via photoreduction. Journal of Materials Science, 2009, 44, 3218-3222.	3.7	82
2	Facile ultrasound-assisted synthesis of ZnO nanorods in an ionic liquid. Materials Letters, 2009, 63, 732-735.	2.6	74
3	Low-temperature route to metal titanate perovskite nanoparticles for photocatalytic applications. Applied Catalysis B: Environmental, 2015, 178, 20-28.	20.2	74
4	Ultrasound-assisted synthesis of mesoporous γ -Ni(OH) ₂ and NiO nano-sheets using ionic liquids. Journal of Materials Chemistry, 2012, 22, 18252.	6.7	69
5	Microwave-Assisted Synthesis of Perovskite SrSnO ₃ Nanocrystals in Ionic Liquids for Photocatalytic Applications. Inorganic Chemistry, 2017, 56, 6920-6932.	4.0	62
6	Ionic Liquid-Assisted Sonochemical Preparation of CeO ₂ Nanoparticles for CO Oxidation. ACS Sustainable Chemistry and Engineering, 2015, 3, 42-54.	6.7	55
7	Luminescence properties of mechanochemically synthesized lanthanide containing MIL-78 MOFs. Dalton Transactions, 2018, 47, 7594-7601.	3.3	53
8	Mild yet phase-selective preparation of TiO ₂ nanoparticles from ionic liquids – a critical study. Nanoscale, 2013, 5, 8045.	5.6	47
9	Sonochemical Synthesis of 0D, 1D, and 2D Zinc Oxide Nanostructures in Ionic Liquids and Their Photocatalytic Activity. ChemSusChem, 2011, 4, 1796-1804.	6.8	43
10	Ultrasound-Assisted Synthesis of CuO Nanorods in a Neat Room-Temperature Ionic Liquid. European Journal of Inorganic Chemistry, 2009, 2009, 2765-2768.	2.0	41
11	Ionic-Liquid-Assisted Microwave Synthesis of Solid Solutions of Sr _{1-x} Ba _x SnO ₃ Perovskite for Photocatalytic Applications. ChemSusChem, 2017, 10, 3387-3401.	6.8	40
12	Sonochemical preparation of TiO ₂ nanoparticles in the ionic liquid 1-(3-hydroxypropyl)-3-methylimidazolium-bis(trifluoromethylsulfonyl)amide. Materials Chemistry and Physics, 2010, 120, 109-113.	4.0	37
13	Sonochemical synthesis of highly luminescent Ln ₂ O ₃ :Eu ³⁺ (Y, La, Gd) nanocrystals. Journal of Luminescence, 2016, 169, 587-593.	3.1	25
14	Rationally designed rare earth separation by selective oxalate solubilization. Chemical Communications, 2020, 56, 11386-11389.	4.1	20
15	Nanoparticle Synthesis in Ionic Liquids. ACS Symposium Series, 2010, , 177-188.	0.5	17
16	Open-Framework Manganese(II) and Cobalt(II) Borophosphates with Helical Chains: Structures, Magnetic, and Luminescent Properties. Inorganic Chemistry, 2017, 56, 11104-11112.	4.0	17
17	Mechanochemical synthesis, luminescent and magnetic properties of lanthanide benzene-1,4-dicarboxylate coordination polymers (Ln _{0.5} Gd _{0.5}) ₂ (1,4-BDC) ₃ (H ₂ O) ₄ ; Ln = Sm, Eu, Tb. New Journal of Chemistry, 2020, 44, 1054-1062.	2.8	17
18	Energy efficient microwave synthesis of mesoporous Ce _{0.5} M _{0.5} O ₂ (Ti, Zr, Hf) nanoparticles for low temperature CO oxidation in an ionic liquid – a comparative study. New Journal of Chemistry, 2015, 39, 1339-1347.	2.8	16

#	ARTICLE	IF	CITATIONS
19	The Power of Ionic Liquids: Crystal Facet Engineering of SrTiO ₃ Nanoparticles for Tailored Photocatalytic Applications. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000180.	5.3	10