Tarek Alammar

List of Publications by Year
in descending order

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19 papers	799 citations	516710 16 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	1208 citing authors

#	Article	IF	Citations
1	The Power of Ionic Liquids: Crystal Facet Engineering of SrTiO₃ Nanoparticles for Tailored Photocatalytic Applications. Advanced Sustainable Systems, 2021, 5, 2000180.	5.3	10
2	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(H₂O)₄; Ln = Sm, Eu, Tb. New Journal of Chemistry, 2020, 44, 1054-1062.	2.8	17
3	Rationally designed rare earth separation by selective oxalate solubilization. Chemical Communications, 2020, 56, 11386-11389.	4.1	20
4	Luminescence properties of mechanochemically synthesized lanthanide containing MIL-78 MOFs. Dalton Transactions, 2018, 47, 7594-7601.	3.3	53
5	Ionicâ€Liquidâ€Assisted Microwave Synthesis of Solid Solutions of Sr_{1â^'x}Ba_xSnO₃ Perovskite for Photocatalytic Applications. ChemSusChem, 2017, 10, 3387-3401.	6.8	40
6	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
7	Microwave-Assisted Synthesis of Perovskite SrSnO₃ Nanocrystals in Ionic Liquids for Photocatalytic Applications. Inorganic Chemistry, 2017, 56, 6920-6932.	4.0	62
8	Sonochemical synthesis of highly luminescent Ln2O3:Eu3+ (Y, La, Gd) nanocrystals. Journal of Luminescence, 2016, 169, 587-593.	3.1	25
9	Energy efficient microwave synthesis of mesoporous Ce_{0.5}M_{0.5}O₂ (Ti, Zr, Hf) nanoparticles for low temperature CO oxidation in an ionic liquid â€“ a comparative study. New Journal of Chemistry, 2015, 39, 1339-1347.	2.8	16
10	Ionic Liquid-Assisted Sonochemical Preparation of CeO₂ Nanoparticles for CO Oxidation. ACS Sustainable Chemistry and Engineering, 2015, 3, 42-54.	6.7	55
11	Low-temperature route to metal titanate perovskite nanoparticles for photocatalytic applications. Applied Catalysis B: Environmental, 2015, 178, 20-28.	20.2	74
12	Mild yet phase-selective preparation of TiO2 nanoparticles from ionic liquids â€“ a critical study. Nanoscale, 2013, 5, 8045.	5.6	47
13	Ultrasound-assisted synthesis of mesoporous Î²-Ni(OH)2 and NiO nano-sheets using ionic liquids. Journal of Materials Chemistry, 2012, 22, 18252.	6.7	69
14	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
15	Nanoparticle Synthesis in Ionic Liquids. ACS Symposium Series, 2010, , 177-188.	0.5	17
16	Sonochemical preparation of TiO2 nanoparticles in the ionic liquid 1-(3-hydroxypropyl)-3-methylimidazolium-bis(trifluoromethylsulfonyl)amide. Materials Chemistry and Physics, 2010, 120, 109-113.	4.0	37
17	Facile ultrasound-assisted synthesis of ZnO nanorods in an ionic liquid. Materials Letters, 2009, 63, 732-735.	2.6	74
18	Ultrasoundâ€Assisted Synthesis of CuO Nanorods in a Neat Roomâ€Temperature Ionic Liquid. European Journal of Inorganic Chemistry, 2009, 2009, 2765-2768.	2.0	41

#	Article	IF	Citations
19	Facile preparation of Ag/ZnO nanoparticles via photoreduction. Journal of Materials Science, 2009, 44, 3218-3222.	3.7	82