Ghouti Medjahdi

List of Publications by Year
in descending order

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31 papers	2,253 citations	304368 22 h-index	433756 31 g-index
31 all docs	31 docs citations	31 times ranked	3778 citing authors

#	Article	IF	Citations
1	ZnO rods/reduced graphene oxide composites prepared via a solvothermal reaction for efficient sunlight-driven photocatalysis. Applied Catalysis B: Environmental, 2016, 185, 11-21.	10.8	361
2	Controlling ZIF-8 nano- and microcrystal formation and reactivity through zinc salt variations. CrystEngComm, 2014, 16, 4493-4500.	1.3	341
3	Cu²⁺-doped zeolitic imidazolate frameworks (ZIF-8): efficient and stable catalysts for cycloadditions and condensation reactions. Catalysis Science and Technology, 2015, 5, 1829-1839.	2.1	212
4	Folic acid-conjugated core/shell ZnS:Mn/ZnS quantum dots as targeted probes for two photon fluorescence imaging of cancer cells. Acta Biomaterialia, 2011, 7, 1327-1338.	4.1	172
5	Water-Based Route to Colloidal Mn-Doped ZnSe and Core/Shell ZnSe/ZnS Quantum Dots. Inorganic Chemistry, 2010, 49, 10940-10948.	1.9	107
6	Preparation of Cu-doped ZnS QDs/TiO2 nanocomposites with high photocatalytic activity. Applied Catalysis B: Environmental, 2014, 144, 29-35.	10.8	106
7	Enhanced Optical Properties of Core/Shell/Shell CdTe/CdS/ZnO Quantum Dots Prepared in Aqueous Solution. Journal of Physical Chemistry C, 2009, 113, 19458-19467.	1.5	83
8	Physicochemical properties and cellular toxicity of (poly)aminoalkoxysilanes-functionalized ZnO quantum dots. Nanotechnology, 2012, 23, 335101.	1.3	81
9	Fe₃O₄@ZIF-8: magnetically recoverable catalysts by loading Fe₃O₄ nanoparticles inside a zinc imidazolate framework. Dalton Transactions, 2015, 44, 10136-10140.	1.6	80
10	Aqueous Route to Biocompatible ZnSe:Mn/ZnO Core/Shell Quantum Dots Using 1-Thioglycerol As Stabilizer. Chemistry of Materials, 2011, 23, 3706-3713.	3.2	78
11	Microfluidic reactors for the size-controlled synthesis of ZIF-8 crystals in aqueous phase. Materials and Design, 2017, 122, 31-41.	3.3	77
12	Synthesis of Core/Shell ZnO/rGO Nanoparticles by Calcination of ZIF-8/rGO Composites and Their Photocatalytic Activity. ACS Omega, 2017, 2, 4946-4954.	1.6	71
13	Porous Al-doped ZnO rods with selective adsorption properties. Applied Surface Science, 2017, 409, 102-110.	3.1	50
14	Enhanced Photostability from CdSe(S)/ZnO Core/Shell Quantum Dots and Their Use in Biolabeling. European Journal of Inorganic Chemistry, 2011, 2011, 794-801.	1.0	47
15	Trace amounts of Cu 2+ ions influence ROS production and cytotoxicity of ZnO quantum dots. Journal of Hazardous Materials, 2016, 304, 532-542.	6.5	42
16	Aqueous synthesis of Cu-doped CdZnS quantum dots with controlled and efficient photoluminescence. Journal of Luminescence, 2016, 175, 193-202.	1.5	40
17	Formation and crystallographical structure of hydroxysulphate and hydroxycarbonate green rusts synthetised by coprecipitation. Journal of Physics and Chemistry of Solids, 2006, 67, 1016-1019.	1.9	38
18	Aqueous synthesis of highly luminescent glutathione-capped Mn2+-doped ZnS quantum dots. Materials Science and Engineering C, 2014, 44, 17-23.	3.8	37

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19	ZIF-8 nanoparticles as an efficient and reusable catalyst for the Knoevenagel synthesis of cyanoacrylates and 3-cyanocoumarins. Tetrahedron Letters, 2016, 57, 5885-5888.	0.7	30
20	Aluminium substitution in iron(IIâ€“III)-layered double hydroxides: Formation and cationic order. Journal of Solid State Chemistry, 2008, 181, 2285-2291.	1.4	28
21	CdSe nanorod/TiO₂ nanoparticle heterojunctions with enhanced solar- and visible-light photocatalytic activity. Beilstein Journal of Nanotechnology, 2017, 8, 2741-2752.	1.5	27
22	ZnO nanoparticles sensitized by CuInZn_xS₂₊_x quantum dots as highly efficient solar light driven photocatalysts. Beilstein Journal of Nanotechnology, 2017, 8, 1080-1093.	1.5	25
23	Highly fluorescent, color tunable and magnetic quaternary Agâ€“Inâ€“Mnâ€“Znâ€“S quantum dots. Inorganic Chemistry Frontiers, 2019, 6, 1422-1431.	3.0	22
24	One step synthesis of bright luminescent core/shell CdTexS1âˆ’x/ZnS quantum dots emitting from the visible to the near infrared. Journal of Luminescence, 2018, 194, 760-767.	1.5	18
25	Synthesis and physical properties of single-crystalline InTe: towards high thermoelectric performance. Journal of Materials Chemistry C, 2021, 9, 5250-5260.	2.7	18
26	Effect of the carboxylate group distribution on potentiometric titration of acrylamide-acrylic acid copolymers. Polymer Bulletin, 1990, 24, 101-106.	1.7	14
27	Aqueous synthesis of highly luminescent ternary alloyed Mn-doped ZnSeS quantum dots capped with 2-mercaptopropionic acid. Journal of Alloys and Compounds, 2021, 858, 158315.	2.8	14
28	Aqueous synthesis of highly fluorescent and color-tunable Ag+-doped CdxZn1-xS quantum dots. Journal of Alloys and Compounds, 2018, 764, 591-598.	2.8	11
29	Light scattering behaviour of semi-dilute solutions of polyacrylamide. European Polymer Journal, 1990, 26, 823-829.	2.6	10
30	Aqueous synthesis of core/shell/shell ZnSeS/Cu:ZnS/ZnS quantum dots and their use as a probe for the selective photoluminescent detection of Pb2+ in water. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 431, 114050.	2.0	8
31	Mn-Doped Quinary Agâ€“Inâ€“Gaâ€“Znâ€“S Quantum Dots for Dual-Modal Imaging. ACS Omega, 2021, 6, 33100-33110.	1.6	5