

Ghouti Medjahdi

List of Publications by Year in descending order

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31
papers

2,253
citations

304368

22
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433756

31
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31
all docs

31
docs citations

31
times ranked

3778
citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous synthesis of core/shell/shell ZnSeS/Cu:ZnS/ZnS quantum dots and their use as a probe for the selective photoluminescent detection of Pb ²⁺ in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114050.	2.0	8
2	Aqueous synthesis of highly luminescent ternary alloyed Mn-doped ZnSeS quantum dots capped with 2-mercaptopropionic acid. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158315.	2.8	14
3	Synthesis and physical properties of single-crystalline InTe: towards high thermoelectric performance. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5250-5260.	2.7	18
4	Mn-Doped Quinary Ag ⁺ In ³⁺ Ga ³⁺ Zn ²⁺ S Quantum Dots for Dual-Modal Imaging. <i>ACS Omega</i> , 2021, 6, 33100-33110.	1.6	5
5	Highly fluorescent, color tunable and magnetic quaternary Ag ⁺ In ³⁺ Mn ²⁺ Zn ²⁺ S quantum dots. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1422-1431.	3.0	22
6	One step synthesis of bright luminescent core/shell CdTeS _{1-x} /ZnS quantum dots emitting from the visible to the near infrared. <i>Journal of Luminescence</i> , 2018, 194, 760-767.	1.5	18
7	Aqueous synthesis of highly fluorescent and color-tunable Ag ⁺ -doped Cd _x Zn _{1-x} S quantum dots. <i>Journal of Alloys and Compounds</i> , 2018, 764, 591-598.	2.8	11
8	Porous Al-doped ZnO rods with selective adsorption properties. <i>Applied Surface Science</i> , 2017, 409, 102-110.	3.1	50
9	Microfluidic reactors for the size-controlled synthesis of ZIF-8 crystals in aqueous phase. <i>Materials and Design</i> , 2017, 122, 31-41.	3.3	77
10	Synthesis of Core/Shell ZnO/rGO Nanoparticles by Calcination of ZIF-8/rGO Composites and Their Photocatalytic Activity. <i>ACS Omega</i> , 2017, 2, 4946-4954.	1.6	71
11	CdSe nanorod/TiO ₂ nanoparticle heterojunctions with enhanced solar- and visible-light photocatalytic activity. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 2741-2752.	1.5	27
12	ZnO nanoparticles sensitized by CuInZn _x S _{2+x} quantum dots as highly efficient solar light driven photocatalysts. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1080-1093.	1.5	25
13	Aqueous synthesis of Cu-doped CdZnS quantum dots with controlled and efficient photoluminescence. <i>Journal of Luminescence</i> , 2016, 175, 193-202.	1.5	40
14	ZIF-8 nanoparticles as an efficient and reusable catalyst for the Knoevenagel synthesis of cyanoacrylates and 3-cyanocoumarins. <i>Tetrahedron Letters</i> , 2016, 57, 5885-5888.	0.7	30
15	ZnO rods/reduced graphene oxide composites prepared via a solvothermal reaction for efficient sunlight-driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2016, 185, 11-21.	10.8	361
16	Trace amounts of Cu ²⁺ ions influence ROS production and cytotoxicity of ZnO quantum dots. <i>Journal of Hazardous Materials</i> , 2016, 304, 532-542.	6.5	42
17	Fe ₃ O ₄ @ZIF-8: magnetically recoverable catalysts by loading Fe ₃ O ₄ nanoparticles inside a zinc imidazolate framework. <i>Dalton Transactions</i> , 2015, 44, 10136-10140.	1.6	80
18	Cu ²⁺ -doped zeolitic imidazolate frameworks (ZIF-8): efficient and stable catalysts for cycloadditions and condensation reactions. <i>Catalysis Science and Technology</i> , 2015, 5, 1829-1839.	2.1	212

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19	Preparation of Cu-doped ZnS QDs/TiO ₂ nanocomposites with high photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 29-35.	10.8	106
20	Controlling ZIF-8 nano- and microcrystal formation and reactivity through zinc salt variations. <i>CrystEngComm</i> , 2014, 16, 4493-4500.	1.3	341
21	Aqueous synthesis of highly luminescent glutathione-capped Mn ²⁺ -doped ZnS quantum dots. <i>Materials Science and Engineering C</i> , 2014, 44, 17-23.	3.8	37
22	Physicochemical properties and cellular toxicity of (poly)aminoalkoxysilanes-functionalized ZnO quantum dots. <i>Nanotechnology</i> , 2012, 23, 335101.	1.3	81
23	Aqueous Route to Biocompatible ZnSe:Mn/ZnO Core/Shell Quantum Dots Using 1-Thioglycerol As Stabilizer. <i>Chemistry of Materials</i> , 2011, 23, 3706-3713.	3.2	78
24	Enhanced Photostability from CdSe(S)/ZnO Core/Shell Quantum Dots and Their Use in Biolabeling. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 794-801.	1.0	47
25	Folic acid-conjugated core/shell ZnS:Mn/ZnS quantum dots as targeted probes for two photon fluorescence imaging of cancer cells. <i>Acta Biomaterialia</i> , 2011, 7, 1327-1338.	4.1	172
26	Water-Based Route to Colloidal Mn-Doped ZnSe and Core/Shell ZnSe/ZnS Quantum Dots. <i>Inorganic Chemistry</i> , 2010, 49, 10940-10948.	1.9	107
27	Enhanced Optical Properties of Core/Shell/Shell CdTe/CdS/ZnO Quantum Dots Prepared in Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19458-19467.	1.5	83
28	Aluminium substitution in iron(II/III)-layered double hydroxides: Formation and cationic order. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2285-2291.	1.4	28
29	Formation and crystallographical structure of hydroxysulphate and hydroxycarbonate green rusts synthesised by coprecipitation. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1016-1019.	1.9	38
30	Effect of the carboxylate group distribution on potentiometric titration of acrylamide-acrylic acid copolymers. <i>Polymer Bulletin</i> , 1990, 24, 101-106.	1.7	14
31	Light scattering behaviour of semi-dilute solutions of polyacrylamide. <i>European Polymer Journal</i> , 1990, 26, 823-829.	2.6	10