

Ehsan Soheyli

List of Publications by Year in descending order

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26
papers

362
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758635

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26
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Antireflective and nanocolumnar-shaped Mn:ZnO films grown by chemical bath deposition. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 278, 115634.	1.7	2
2	Excitation-independent deep-blue emitting carbon dots with 62% emission quantum efficiency and monoexponential decay profile for high-resolution fingerprint identification. <i>Nanotechnology</i> , 2022, 33, 445601.	1.3	4
3	Rational design of chemical bath deposition technique for successful preparation of Mn-doped CdS nanostructured thin films with controlled optical properties. <i>Ceramics International</i> , 2021, 47, 5523-5533.	2.3	11
4	Long-time stable colloidal ZnAgInS quantum dots with tunable midgap-involved emission. <i>Journal of Applied Physics</i> , 2021, 129, 063107.	1.1	6
5	Highly luminescent ZnCdTeS nanocrystals with wide spectral tunability for efficient color-conversion white-light-emitting-diodes. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 505110.	1.3	7
6	Improved chemical deposition of cobalt-doped CdS nanostructured thin films via nucleation-doping strategy: Surface and optical properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115328.	1.7	9
7	AgNPs/QDs@QDs nanocomposites developed as an ultrasensitive impedimetric aptasensor for ractopamine detection. <i>Materials Science and Engineering C</i> , 2020, 108, 110507.	3.8	30
8	Enhanced electrochemical and electro-optical properties of nematic liquid crystal doped with Ni:ZnCdS/ZnS core/shell quantum dots. <i>Journal of Molecular Liquids</i> , 2020, 320, 114373.	2.3	25
9	Colloidal synthesis of tunably luminescent AgInS-based/ZnS core/shell quantum dots as biocompatible nano-probe for high-contrast fluorescence bioimaging. <i>Materials Science and Engineering C</i> , 2020, 111, 110807.	3.8	29
10	Preparation of highly emissive and reproducible CuInS/ZnS core/shell quantum dots with a mid-gap emission character. <i>Journal of Alloys and Compounds</i> , 2020, 824, 153906.	2.8	16
11	Synthesis and optimization of emission characteristics of water-dispersible ag-in-s quantum dots and their bactericidal activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110389.	2.5	24
12	An electrochemical tyrosinamide aptasensor using a glassy carbon electrode modified by N-acetyl-L-cysteine-capped Ag-In-S QDs. <i>Materials Science and Engineering C</i> , 2019, 102, 653-660.	3.8	15
13	Multi-colored type-I Ag-doped ZnCdS/ZnS core/shell quantum dots with intense emission. <i>Ceramics International</i> , 2019, 45, 11501-11507.	2.3	15
14	Facile and versatile preparation of full-color emissive Fe-doped ZnCdSe/ZnS core/shell quantum dots by a novel aqueous-based colloidal approach. <i>Journal of Luminescence</i> , 2019, 205, 525-531.	1.5	7
15	Preparation of quaternary boro-phosphate multifunctional glasses and their structural, optical, switching and antibacterial properties. <i>Ceramics International</i> , 2018, 44, 9414-9421.	2.3	12
16	Facile preparation of yellow and red emitting ZnCdSeS quantum dots and their third-order nonlinear optical properties. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 120, 64-70.	1.9	11
17	Hydrazine-assisted preparation of ZnS nanocrystals using N-acetyl-L-cysteine as capping agent. <i>Modern Physics Letters B</i> , 2018, 32, 1850254.	1.0	3
18	Luminescent, low-toxic and stable gradient-alloyed Fe:ZnSe(S)@ZnSe(S) core:shell quantum dots as a sensitive fluorescent sensor for lead ions. <i>Nanotechnology</i> , 2018, 29, 445602.	1.3	21

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19	Aqueous-based synthesis of Cd-free and highly emissive Fe-doped ZnSe(S)/ZnSe(S) core/shell quantum dots with antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 520-530.	5.0	17
20	pH-dependent optical properties of N-acetyl-L-cysteine-capped ZnSe(S) nanocrystals with intense/stable emissions. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	16
21	Preparation of Highly Biocompatible ZnSe Quantum Dots Using a New Source of Acetyl Cysteine as Capping Agent. <i>Journal of Fluorescence</i> , 2017, 27, 1581-1586.	1.3	6
22	Synthesis and photoluminescence properties of Ru-doped ZnS quantum dots. <i>Journal of Luminescence</i> , 2017, 187, 421-427.	1.5	28
23	Facile, one-pot and scalable synthesis of highly emissive aqueous-based Ag,Ni:ZnCdS/ZnS core/shell quantum dots with high chemical and optical stability. <i>Nanotechnology</i> , 2017, 28, 475604.	1.3	13
24	Aqueous based synthesis of N-acetyl-L-cysteine capped ZnSe nanocrystals with intense blue emission. <i>Optical Materials</i> , 2016, 60, 564-570.	1.7	20
25	Optical and structural characterization of quadruplet and quintuplet molybdenum-containing phosphate glasses. <i>Modern Physics Letters B</i> , 2016, 30, 1650270.	1.0	3
26	Investigation of thermal and electrical conductivity of phosphate glasses containing two transition metal oxides, lithium oxide and calcium oxide. <i>Physica Scripta</i> , 2014, 89, 075801.	1.2	12