

Young-Kuk Kim

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

426
citations

1040056

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h-index

794594

19
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20
all docs

20
docs citations

20
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	The photoluminescence of CuInS ₂ nanocrystals: effect of non-stoichiometry and surface modification. <i>Journal of Materials Chemistry</i> , 2012, 22, 1516-1520.	6.7	144
2	Synergistic effect of spherical Al ₂ O ₃ particles and BN nanoplates on the thermal transport properties of polymer composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 98, 184-191.	7.6	82
3	Porous carbon-coated silica macroparticles as anode materials for lithium ion batteries: Effect of boric acid. <i>Journal of Power Sources</i> , 2014, 272, 689-695.	7.8	41
4	Magnetic field-induced enhancement of thermal conductivities in polymer composites by linear clustering of spherical particles. <i>Composites Part B: Engineering</i> , 2018, 136, 215-221.	12.0	32
5	Tunable color emission of transparent boron nitride nanophosphors towards anti-counterfeiting application. <i>Journal of Alloys and Compounds</i> , 2019, 791, 81-86.	5.5	22
6	Morphologically controlled ZnO nanostructures as electron transport materials in polymer-based organic solar cells. <i>Electrochimica Acta</i> , 2015, 180, 435-441.	5.2	14
7	The structure and luminescence of boron nitride doped with Ce ions. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	14
8	Effect of fine boron powders prepared with a self-propagating high temperature synthesis on flux pinning properties of the MgB ₂ /Fe composite wires. <i>Journal of Alloys and Compounds</i> , 2009, 485, L44-L46.	5.5	12
9	Boron Nitride Nanoparticle Phosphors for Use in Transparent Films for Deep-UV Detection and White Light-Emitting Diodes. <i>ACS Applied Nano Materials</i> , 2021, 4, 3529-3536.	5.0	11
10	Metal-organic deposition of biaxially textured CeO ₂ -based buffer layers. <i>Materials Letters</i> , 2009, 63, 800-802.	2.6	9
11	Spherical meso-macroporous silica particles by emulsion-assisted dual-templating. <i>Materials Express</i> , 2014, 4, 91-104.	0.5	9
12	High throughput process for the continuous preparation of quantum dots using fluid dynamically controlled reactor. <i>Journal of Alloys and Compounds</i> , 2019, 784, 816-821.	5.5	7
13	Enhanced Crystallinity and Luminescence Characteristics of Hexagonal Boron Nitride Doped with Cerium Ions According to Tempering Temperatures. <i>Materials</i> , 2021, 14, 193.	2.9	7
14	Hybrid Nanoparticle Layers Toward Enhanced Luminescence of Phosphor Plates for White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24971-24977.	8.0	6
15	Interfacial Structure and Physical Properties of High-Entropy Oxide Coatings Prepared via Atmospheric Plasma Spraying. <i>Coatings</i> , 2021, 11, 755.	2.6	5
16	The structural and magnetic properties of BaFe ₁₂ O ₁₉ nanoparticles: effect of residual sodium ions. <i>Dalton Transactions</i> , 2021, 50, 14560-14565.	3.3	5
17	Improved stability of CdSeS/ZnS quantum dots against temperature, humidity, and UV-O ₃ by encapsulation in crosslinked polystyrene beads. <i>Journal of Materials Science</i> , 2021, 56, 12315-12325.	3.7	4
18	Tailoring the morphology of CdSe nanocrystals by incorporation of Pb. <i>Nanotechnology</i> , 2009, 20, 505603.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Synthesis of highly luminescent Cd(Se,S) nanocrystals. Research on Chemical Intermediates, 2010, 36, 875-880.	2.7	1
20	Effect of CaF ₂ Addition on the Crystallinity of Hexagonal Boron Nitride Nanoparticles. Journal of Korean Institute of Metals and Materials, 2018, 56, 915-920.	1.0	0