

# Young Soo Kang

## List of Publications by Year in descending order

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250  
papers

7,054  
citations

61984

43  
h-index

74163

75  
g-index

255  
all docs

255  
docs citations

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times ranked

9967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamically controlled photo-electrochemical CO <sub>2</sub> reduction at Cu/rGO/PVP/Nafion multi-layered dark cathode for selective production of formaldehyde and acetaldehyde. Applied Catalysis B: Environmental, 2022, 303, 120921.	20.2	17
2	Enhanced solar photoreduction of CO <sub>2</sub> to liquid fuel over rGO grafted NiO-CeO <sub>2</sub> heterostructure nanocomposite. Nano Energy, 2021, 79, 105483.	16.0	51
3	Interfacial Engineering at Quantum Dot-Sensitized TiO <sub>2</sub> Photoelectrodes for Ultrahigh Photocurrent Generation. ACS Applied Materials & Interfaces, 2021, 13, 6208-6218.	8.0	7
4	Determination of Dy substitution site in Nd <sub>2-x</sub> Dy <sub>x</sub> Fe <sub>14</sub> B by HAADF-STEM and illustration of magnetic anisotropy of $a$ - and $c$ -sites, before and after substitution. Scientific Reports, 2021, 11, 6347.	3.3	8
5	Magnetic spin exchange interaction in SmCo <sub>5</sub> /Co nanocomposite magnet for large energy product. Journal of Colloid and Interface Science, 2021, 589, 157-165.	9.4	4
6	Enhancement of anisotropy energy of SmCo <sub>5</sub> by ceasing the coupling at 2c sites in the crystal lattice with Cu substitution. Scientific Reports, 2021, 11, 10063.	3.3	11
7	Selective liquid chemicals on CO <sub>2</sub> reduction by energy level tuned rGO/TiO <sub>2</sub> dark cathode with BiVO <sub>4</sub> photoanode. Applied Catalysis B: Environmental, 2021, 295, 120267.	20.2	11
8	Chemical synthesis of Nd <sub>2</sub> Fe <sub>14</sub> B/Fe-Co nanocomposite with high magnetic energy product. RSC Advances, 2021, 11, 32376-32382.	3.6	5
9	Novel eco-friendly low cost and energy efficient synthesis of (Nd-Pr-Dy) <sub>2</sub> Fe <sub>14</sub> B magnetic powder from monazite concentrate. Scientific Reports, 2021, 11, 20594.	3.3	5
10	Four-step eco-friendly energy efficient recycling of contaminated Nd <sub>2</sub> Fe <sub>14</sub> B sludge and coercivity enhancement by reducing oxygen content. Scientific Reports, 2021, 11, 22255.	3.3	9
11	Electrodeposited CuAgHg Multimetallic Thin Films for Improved CO <sub>2</sub> Conversion: the Dramatic Impact of Hg Incorporation on Product Selectivity. ACS Applied Energy Materials, 2020, 3, 6670-6677.	5.1	17
12	Eco-Friendly Facile Three-Step Recycling Method of (Nd-RE) <sub>2</sub> Fe <sub>14</sub> B Magnet Sludge and Enhancement of (BH) <sub>max</sub> by Ball Milling in Ethanol. ACS Sustainable Chemistry and Engineering, 2020, 8, 8156-8163.	6.7	23
13	Selective Alcohol on Dark Cathodes by Photoelectrochemical CO <sub>2</sub> Valorization and Their In Situ Characterization. ACS Energy Letters, 2019, 4, 1549-1555.	17.4	15
14	Energy band edge alignment of anisotropic BiVO <sub>4</sub> to drive photoelectrochemical hydrogen evolution. Materials Today Energy, 2019, 13, 205-213.	4.7	12
15	General Review on the Components and Parameters of Photoelectrochemical System for CO <sub>2</sub> Reduction with in Situ Analysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 7431-7455.	6.7	87
16	Electrocatalysis of 5-hydroxymethylfurfural at cobalt based spinel catalysts with filamentous nanoarchitecture in alkaline media. Applied Catalysis B: Environmental, 2019, 242, 85-91.	20.2	145
17	Artificial Photosynthesis for Formaldehyde Production with 85% of Faradaic Efficiency by Tuning the Reduction Potential. ACS Catalysis, 2018, 8, 968-974.	11.2	36
18	Highly enhancing photoelectrochemical performance of facilely-fabricated Bi-induced (002)-oriented WO <sub>3</sub> film with intermittent short-time negative polarization. Applied Catalysis B: Environmental, 2018, 233, 88-98.	20.2	38

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19	Correction to "Morphology Selective Cu <sub>2</sub> O Microcrystal by Electrodeposition on TiO <sub>2</sub> Nanotubes for Enhancing Photoelectrochemical Performance". Crystal Growth and Design, 2018, 18, 7745-7745.	3.0	0
20	Morphology Selective Cu <sub>2</sub> O Microcrystal by Electrodeposition on TiO <sub>2</sub> Nanotubes for Enhancing Photoelectrochemical Performance. Crystal Growth and Design, 2018, 18, 6929-6935.	3.0	9
21	Enhanced Efficiency of Functional Smart Window with Solar Wavelength Conversion Phosphor-Photochromic Hybrid Film. ACS Omega, 2018, 3, 9505-9512.	3.5	25
22	Efficient Approaches on Photochemical CO <sub>2</sub> Reduction to Alcohol by Solar Light with Functional Multi-layered Membrane Catalysts. MRS Advances, 2018, 3, 3271-3280.	0.9	7
23	A selective morphosynthetic approach for single crystalline hematite through morphology evolution via microwave assisted hydrothermal synthesis. Journal of Industrial and Engineering Chemistry, 2017, 53, 341-347.	5.8	6
24	Inorganic assembly catalysts for artificial photosynthesis: general discussion. Faraday Discussions, 2017, 198, 481-507.	3.2	2
25	Molecular catalysts for artificial photosynthesis: general discussion. Faraday Discussions, 2017, 198, 353-395.	3.2	6
26	Fabrication of p-Cu <sub>2</sub> O/n-Bi-WO <sub>3</sub> heterojunction thin films: optical and photoelectrochemical properties. New Journal of Chemistry, 2017, 41, 755-762.	2.8	15
27	Dual-Function Au@Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> Smart Film for Enhanced Power Conversion Efficiency and Long-Term Stability of Perovskite Solar Cells. Scientific Reports, 2017, 7, 6849.	3.3	35
28	Electrochemical CO <sub>2</sub> reduction with low overpotential by a poly(4-vinylpyridine) electrode for application to artificial photosynthesis. Faraday Discussions, 2017, 198, 409-418.	3.2	8
29	(040) Crystal Facet Engineering of BiVO <sub>4</sub> Plate Photoanodes for Solar Fuel Production. Advanced Energy Materials, 2016, 6, 1501754.	19.5	136
30	Wavelength conversion effect-assisted dye-sensitized solar cells for enhanced solar light harvesting. Journal of Materials Chemistry A, 2016, 4, 11908-11915.	10.3	17
31	Chemical synthesis of Nd <sub>2</sub> Fe <sub>14</sub> B hard phase magnetic nanoparticles with an enhanced coercivity value: effect of CaH <sub>2</sub> amount on the magnetic properties. New Journal of Chemistry, 2016, 40, 10181-10186.	2.8	27
32	Surfactant free fabrication and improved charge carrier separation induced enhanced photocatalytic activity of {001} facet exposed unique octagonal BiOCl nanosheets. Physical Chemistry Chemical Physics, 2016, 18, 19595-19604.	2.8	36
33	Crystal facet engineering of ZnO photoanode for the higher water splitting efficiency with proton transferable nafion film. Nano Energy, 2016, 20, 156-167.	16.0	99
34	Length control of packed single crystalline TiO <sub>2</sub> nanorods for dye-sensitized solar cell. , 2015, , .		0
35	Enhanced photocurrent density of hematite thin films on FTO substrates: effect of post-annealing temperature. Physical Chemistry Chemical Physics, 2015, 17, 16145-16150.	2.8	25
36	Fabrication of Fe <sub>3</sub> O <sub>4</sub> @mSiO <sub>2</sub> Core-Shell Composite Nanoparticles for Drug Delivery Applications. Nanoscale Research Letters, 2015, 10, 217.	5.7	39

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37	Manual assembly of nanocrystals for enhanced photoelectrochemical efficiency of hematite film. <i>Chemical Communications</i> , 2015, 51, 6407-6410.	4.1	22
38	Ferromagnetism of Single-Crystalline Cu <sub>2</sub> O Induced through Poly( <i>N</i> -vinyl-2-pyrrolidone) Interaction Triggering d-Orbital Alteration. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13350-13356.	3.1	18
39	Ultrathin insulating under-layer with a hematite thin film for enhanced photoelectrochemical (PEC) water splitting activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15723-15728.	10.3	35
40	Tuning of the crystal engineering and photoelectrochemical properties of crystalline tungsten oxide for optoelectronic device applications. <i>CrystEngComm</i> , 2015, 17, 6070-6093.	2.6	116
41	Preparation of Î±-Fe <sub>2</sub> O <sub>3</sub> films by electrodeposition and photodeposition of Coâ€‘Pi on them to enhance their photoelectrochemical properties. <i>RSC Advances</i> , 2015, 5, 36307-36314.	3.6	26
42	Preparation of Ndâ€‘Feâ€‘B by nitrateâ€‘citrate auto-combustion followed by the reductionâ€‘diffusion process. <i>Nanoscale</i> , 2015, 7, 8016-8022.	5.6	36
43	Phosphor positioning for effective wavelength conversion in dye-sensitized solar cells. <i>Nano Energy</i> , 2015, 13, 573-581.	16.0	24
44	A selectively exposed crystal facet-engineered TiO <sub>2</sub> thin film photoanode for the higher performance of the photoelectrochemical water splitting reaction. <i>Energy and Environmental Science</i> , 2015, 8, 3646-3653.	30.8	100
45	Photoelectrochemical Activity of Sodium Titanate Nanobelts for Photoanode. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1632-1635.	0.9	1
46	Selective construction of junctions on different facets of BiVO <sub>4</sub> for enhancing photo-activity. <i>New Journal of Chemistry</i> , 2015, 39, 9918-9925.	2.8	28
47	Crystalline Matrix of Mesoporous TiO <sub>2</sub> Framework for Dye-Sensitized Solar Cell Application. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24902-24909.	3.1	11
48	Emission controlled dual emitting Eu-doped CaMgSi <sub>2</sub> O <sub>6</sub> nanophosphors. <i>Journal of Luminescence</i> , 2015, 157, 131-136.	3.1	19
49	Formation of a CdO Layer on CdS/ZnO Nanorod Arrays to Enhance their Photoelectrochemical Performance. <i>ChemSusChem</i> , 2014, 7, 3505-3512.	6.8	25
50	Facile Fabrication of WO <sub>3</sub> Nanoplates Thin Films with Dominant Crystal Facet of (002) for Water Splitting. <i>Crystal Growth and Design</i> , 2014, 14, 6057-6066.	3.0	171
51	Facile fabrication and photoelectrochemical properties of a one axis-oriented NiO thin film with a (111) dominant facet. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19867-19872.	10.3	21
52	One-step transformation of Cu to Cu <sub>2</sub> O in alkaline solution. <i>RSC Advances</i> , 2014, 4, 18616.	3.6	48
53	The effect of hydrogen treatment on magnetic property of porous iron oxides nanorods. <i>Materials Letters</i> , 2014, 136, 245-250.	2.6	2
54	Facile Preparation of Hierarchical TiO <sub>2</sub> Nano Structures: Growth Mechanism and Enhanced Photocatalytic H <sub>2</sub> Production from Water Splitting Using Methanol as a Sacrificial Reagent. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10342-10352.	8.0	71

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55	Nd <sub>2</sub> Fe <sub>14</sub> B Synthesis: Effect of Excess Neodymium on Phase Purity and Magnetic Property. Bulletin of the Korean Chemical Society, 2014, 35, 886-890.	1.9	17
56	Fabrication of hollow metal oxide nanocrystals by etching cuprous oxide with metal(ii) ions: approach to the essential driving force. Nanoscale, 2013, 5, 11227.	5.6	26
57	Photocatalysis: progress using manganese-doped hematite nanocrystals. New Journal of Chemistry, 2013, 37, 4004.	2.8	25
58	Fabrication of SrTiO <sub>3</sub> /TiO <sub>2</sub> heterojunction photoanode with enlarged pore diameter for dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11820.	10.3	100
59	Axis-Oriented, Continuous Anatase Titania Films with Exposed Reactive {100} Facets. Chemistry - A European Journal, 2013, 19, 9376-9380.	3.3	15
60	Manganese-Doped Highly Ordered Mesoporous Silicate with High Efficiency for Oxidation Suppression. Chemistry - A European Journal, 2013, 19, 135-140.	3.3	1
61	Facile synthesis and magnetic phase transformation of Nd-Fe-B nanoclusters by oxygen bridging. Journal of Materials Chemistry C, 2013, 1, 275-281.	5.5	24
62	One Pot Synthesis of Exchange Coupled Nd <sub>2</sub> Fe <sub>14</sub> B/Fe by Pechini Type Sol-Gel Method. Journal of Nanoscience and Nanotechnology, 2013, 13, 7717-7722.	0.9	27
63	Fabrication of (001)-oriented monoclinic WO <sub>3</sub> films on FTO substrates. Nanoscale, 2013, 5, 5279.	5.6	82
64	Concentration and Temperature Effect on Controlling Pore Size and Surface Area of Mesoporous Titania by Using Template of F-68 and F-127 Co-Polymer in the Sol-Gel Process. Journal of Nanoscience and Nanotechnology, 2012, 12, 5638-5643.	0.9	10
65	Controlling crystal growth orientation and crystallinity of cadmium sulfide nanocrystals in aqueous phase by using cationic surfactant. CrystEngComm, 2012, 14, 7888.	2.6	12
66	Cu and Cu <sub>2</sub> O films with semi-spherical particles grown by electrochemical deposition. Thin Solid Films, 2012, 524, 50-56.	1.8	24
67	Hierarchical NiO hollow microspheres: electrochemical and magnetic properties. RSC Advances, 2012, 2, 9786.	3.6	11
68	Vertical cobalt dendrite array films: electrochemical deposition and characterization, glucose oxidation and magnetic properties. Journal of Materials Chemistry, 2012, 22, 12296.	6.7	31
69	One pot synthesis of hard phase Nd <sub>2</sub> Fe <sub>14</sub> B nanoparticles and Nd <sub>2</sub> Fe <sub>14</sub> B/Fe nanocomposite magnetic materials. New Journal of Chemistry, 2012, 36, 2405.	2.8	30
70	Morphology evolution of dendritic Fe wire array by electrodeposition, and photoelectrochemical properties of Fe <sub>2</sub> O <sub>3</sub> dendritic wire array. CrystEngComm, 2012, 14, 6957.	2.6	32
71	Nanocrystals of Hematite with Unconventional Shape-Truncated Hexagonal Bipyramid and Its Optical and Magnetic Properties. Crystal Growth and Design, 2012, 12, 862-868.	3.0	67
72	Synthesis of Multifunctional Metal and Metal Oxide Core/Mesoporous Silica Shell Structures by Using a Wet Chemical Approach. Chemistry - A European Journal, 2012, 18, 12314-12321.	3.3	13

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73	Crystallization induced porosity control and photocatalytic activity of ordered mesoporous TiO <sub>2</sub> . RSC Advances, 2012, 2, 11969.	3.6	10
74	Enhanced photoluminescence of single crystalline ZnO nanotubes in ZnAl <sub>2</sub> O <sub>4</sub> shell. CrystEngComm, 2012, 14, 1205.	2.6	8
75	Wavelength conversion using rare earth doped oxides in polyolefin based nanocomposite films. Polymer International, 2012, 61, 943-950.	3.1	4
76	One-dimensional ferromagnetic dendritic iron wire array growth by facile electrochemical deposition. Nanoscale, 2012, 4, 1565.	5.6	23
77	Preparation of dendritic NiFe films by electrodeposition for oxygen evolution. RSC Advances, 2012, 2, 4759.	3.6	58
78	Copper nanoparticles incorporated with conducting polymer: Effects of copper concentration and surfactants on the stability and conductivity. Journal of Colloid and Interface Science, 2012, 365, 103-109.	9.4	86
79	Facile preparation of p-CuO and p-CuO/n-CuWO <sub>4</sub> junction thin films and their photoelectrochemical properties. Electrochimica Acta, 2012, 69, 340-344.	5.2	78
80	Preparation and application of magnetic cobalt/SiO <sub>2</sub> core/shell nanospheres. Materials Letters, 2012, 66, 285-288.	2.6	3
81	Blue and red dual emission nanophosphor CaMgSi <sub>2</sub> O <sub>6</sub> :Eu <sup>+</sup> ; crystal structure and electronic configuration. Journal of Luminescence, 2012, 132, 659-664.	3.1	36
82	Synthesis of Monodispersed Red Emitting LiAl <sub>5</sub> O <sub>8</sub> :Fe <sup>3+</sup> Nanophosphors. Science of Advanced Materials, 2012, 4, 597-603.	0.7	10
83	Single-Crystalline Porous Hematite Nanorods: Photocatalytic and Magnetic Properties. Journal of Physical Chemistry C, 2011, 115, 19129-19135.	3.1	53
84	Single-crystal like mesoporous ZnO:Mn <sup>2+</sup> nanorings of high optoelectronic quality formed by self-assembly of nanoparticles in an ultrasonic hydrolysis process. Nanoscale, 2011, 3, 4962.	5.6	3
85	Axis-Oriented, Anatase TiO <sub>2</sub> Single Crystals with Dominant {001} and {100} Facets. Crystal Growth and Design, 2011, 11, 3947-3953.	3.0	76
86	Facile preparation of Fe <sub>2</sub> O <sub>3</sub> thin film with photoelectrochemical properties. Chemical Communications, 2011, 47, 2441-2443.	4.1	80
87	Tunable electrochemical preparation of cobalt micro/nanostructures and their morphology-dependent wettability property. Electrochimica Acta, 2011, 58, 699-706.	5.2	45
88	Phase transfer of Au nanoparticles using one chemical inducer: DDAB. Journal of Nanoparticle Research, 2011, 13, 2399-2406.	1.9	9
89	Electron Spin Resonance Study on the Photoinduced Electron Transfer in Chlorophyll a in Reconstituted Lipid Bilayer Vesicles. Applied Magnetic Resonance, 2011, 40, 567-580.	1.2	0
90	Size tuned electrophoretic pyrazoline nanoparticles prepared through dispersion <sup>â€</sup> polymerization. Journal of Colloid and Interface Science, 2011, 357, 31-35.	9.4	4

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91	Hydrothermal Synthesis of Anatase TiO <sub>2</sub> Nanorods with High Crystallinity Using Ammonia Solution as a Solvent. Journal of Nanoscience and Nanotechnology, 2011, 11, 6007-6012.	0.9	3
92	Reduction of Volume Shrinkage in Holographic Polymer Dispersed Liquid Crystal Based on Epoxy Containing Polymer Matrices. Bulletin of the Chemical Society of Japan, 2010, 83, 726-731.	3.2	0
93	Preparation of conducting silver paste with Ag nanoparticles prepared by e-beam irradiation. Radiation Physics and Chemistry, 2010, 79, 1149-1153.	2.8	28
94	A Study on the Crystalline Structure of Sodium Titanate Nanobelts Prepared by the Hydrothermal Method. Journal of Physical Chemistry C, 2010, 114, 8294-8301.	3.1	32
95	Preparation and Characterization of the Magnetic Fluid of Trimethoxyhexadecylsilane-Coated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 9802-9807.	3.1	31
96	The Influence of Low Temperature on $\beta$ -Ray Irradiated Permanent Magnets. Journal of Nanoscience and Nanotechnology, 2009, 9, 6953-6.	0.9	2
97	Dielectric and magnetic properties of (x)CoFe <sub>2</sub> O <sub>4</sub> +(1-x)Ba <sub>0.8</sub> Sr <sub>0.2</sub> TiO <sub>3</sub> magnetoelectric composites. Materials Chemistry and Physics, 2009, 116, 6-10.	4.0	58
98	Encapsulated Dye All-Organic Charged Colored Ink Nanoparticles for Electrophoretic Image Display. Advanced Materials, 2009, 21, 4987-4991.	21.0	60
99	Morphological Transformation of Co(OH) <sub>2</sub> Microspheres from Solid to Flowerlike Hollow Core-Shell Structures. Chemistry - A European Journal, 2009, 15, 1886-1892.	3.3	44
100	Preparation and characterization of $\beta$ -Fe <sub>2</sub> O <sub>3</sub> nanorod-thin film by metal-organic chemical vapor deposition. Thin Solid Films, 2009, 517, 1853-1856.	1.8	52
101	Dielectric and magnetoelectric properties of (Ni,Cu)Fe <sub>2</sub> O <sub>4</sub> +[(Ba,Pb)(Ti,Zr)]O <sub>3</sub> composites. Journal of Materials Science: Materials in Electronics, 2009, 20, 632-636.	2.2	13
102	Surface Investigation and Magnetic Behavior of Co Nanoparticles Prepared via a Surfactant-Mediated Polyol Process. Journal of Physical Chemistry C, 2009, 113, 5081-5086.	3.1	40
103	Effect of Different Surfactants on the Size Control and Optical Properties of Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> Nanoparticles Prepared by Coprecipitation Method. Journal of Physical Chemistry C, 2009, 113, 13600-13604.	3.1	44
104	Kinetics of Decolorization of Spironaphthooxazine-Doped Photochromic Polymer Films. Journal of Physical Chemistry B, 2009, 113, 12923-12927.	2.6	8
105	Ultrasound-Assisted Synthesis of Mesoporous ZnO Nanostructures of Different Porosities. Journal of Physical Chemistry C, 2009, 113, 14676-14680.	3.1	44
106	Preparation of Dendritic Copper Nanostructures and Their Characterization for Electroreduction. Journal of Physical Chemistry C, 2009, 113, 15891-15896.	3.1	106
107	Fabrication of Hierarchical ZnO Nanostructures via a Surfactant-Directed Process. Crystal Growth and Design, 2009, 9, 2906-2910.	3.0	54
108	Effect of Different Additives on the Size Control and Emission Properties of Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> Nanoparticles Prepared through the Coprecipitation Method. Journal of Physical Chemistry C, 2009, 113, 16652-16657.	3.1	35

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109	Bulklike Thermal Behavior of Antibacterial Ag <sup>+</sup> /SiO <sub>2</sub> Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5105-5110.	3.1	30
110	Template Assisted Growth of Cobalt Ferrite Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4942-4947.	0.9	9
111	γ-Ray Irradiation on Microsized Nd-Fe-B and Sr-Ferrite Magnets at Low Temperature. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4067-4072.	0.9	0
112	Characterization on the Microstructure of γ-Ray Irradiated Nd <sub>2</sub> Fe <sub>14</sub> B Magnet. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 827-831.	0.9	0
113	Characterization of Ag Nanoparticle Superlattice Structure Prepared Using Two Carboxylic Acids. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4324-4327.	0.9	0
114	New Avenues to Efficient Chemical Synthesis of Exchange Coupled Hard/Soft Nanocomposite Magnet. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4453-4458.	0.9	5
115	Copper Plating on the Polyimide Film by Electroless Plating Techniques for EMI Shielding. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 7065-70.	0.9	1
116	Magnetic Property of Sm-Co Nanoparticles Prepared by Solution Phase Metal Salt Reduction. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 7071-5.	0.9	2
117	Investigation of Co nanoparticle assemblies induced by magnetic field. <i>Journal of Industrial and Engineering Chemistry</i> , 2008, 14, 22-27.	5.8	12
118	Synthesis and investigation of SmCo <sub>5</sub> magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 313-314, 621-624.	4.7	21
119	Solventless Nanoparticles Synthesis under Low Pressure. <i>Inorganic Chemistry</i> , 2008, 47, 121-127.	4.0	26
120	Synthesis and Photo-Polymerization of Poly(Alkyl Urethane) Acrylate Oligomers Using 2-Isocyanatoethyl Methacrylate for UV Curable Coating. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 492, 56/[420]-63/[427].	0.9	1
121	Inorganic Cluster Synthesis and Characterization of Transition-Metal-Doped ZnO Hollow Spheres. <i>Crystal Growth and Design</i> , 2008, 8, 2609-2613.	3.0	46
122	Spectroscopic Observation of Atomic Hydrogen Radicals Entrapped in Icy Hydrogen Hydrate. <i>Journal of the American Chemical Society</i> , 2008, 130, 9208-9209.	13.7	29
123	Characterization of the Spiroanthoxazine Doped Photochromic Glass: The Effect of Matrix Polarity and Pore Size. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1140-1145.	3.1	23
124	Copper Metallization on the Surface-Modified Polyimide Films by Electroless Plating Method. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 492, 275/[639]-282/[646].	0.9	1
125	PREPARATION OF ANTIBACTERIAL SILVER-CONTAINING SILICA NANOCOMPOSITE. <i>Surface Review and Letters</i> , 2008, 15, 117-122.	1.1	4
126	Synthesis and Characterization of Vitamin Encapsulated Mesoporous Silica with TEOS. <i>Journal of Nano Research</i> , 2008, 3, 89-96.	0.8	2

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127	PLATING OF COPPER LAYERS ON POLYIMIDES USING ELECTROLESS PLATING BY SURFACE MODIFICATION. Surface Review and Letters, 2007, 14, 593-596.	1.1	2
128	A Study on the Exchange-Coupling Effect of Nd <sub>2</sub> Fe <sub>14</sub> B/CoFe Forming Core/Shell Shape. Molecular Crystals and Liquid Crystals, 2007, 472, 155/[545]-160/[550].	0.9	1
129	Heating Temperature Effect on the Magnetic Property of $\hat{\pm}$ -Fe Nanoparticle. Molecular Crystals and Liquid Crystals, 2007, 472, 69/[459]-75/[465].	0.9	2
130	SYNTHESIS AND CHARACTERIZATION OF POLYURETHANE ACRYLATES FOR UV CURABLE COATING AGENTS. Surface Review and Letters, 2007, 14, 713-717.	1.1	0
131	Preparation and Antibiotic Property of Ag-SiO <sub>2</sub> Nanoparticle. Molecular Crystals and Liquid Crystals, 2007, 464, 83/[665]-91/[673].	0.9	4
132	Grafting of Trifluoroacetic Acid Allyl Ester onto Linear Low Density Polyethylene by $\hat{\pm}$ -Ray Irradiation. Molecular Crystals and Liquid Crystals, 2007, 464, 169/[751]-176/[758].	0.9	0
133	Optical Properties of 1-Phenyl-3-Naphthyl-5-((Ethoxy)phenyl)-2-Pyrazoline Organic Nanoparticles by Reprecipitation Method. Molecular Crystals and Liquid Crystals, 2007, 463, 165/[447]-171/[453].	0.9	0
134	Preparation and Characterization of Cu-SiO <sub>2</sub> Nanocomposite. Molecular Crystals and Liquid Crystals, 2007, 472, 217/[607]-223/[613].	0.9	1
135	The Synthesis and Characterization of SmCo Magnetic Nanoparticle by Thermal Decomposition. Molecular Crystals and Liquid Crystals, 2007, 464, 39/[621]-49/[631].	0.9	1
136	Synthesis and Characterization of Co Nanoparticles by Solventless Thermal Decomposition. Solid State Phenomena, 2007, 119, 71-74.	0.3	1
137	A Study of Exchange-Coupling Effect on Nd <sub>2</sub> Fe <sub>14</sub> B / $\hat{\pm}$ -Fe Forming Core/Shell Shape. Solid State Phenomena, 2007, 119, 147-150.	0.3	5
138	Preparation and Characterization of Soft Phase Magnetic $\hat{\pm}$ -Fe Nanoparticles by Different Methods. Solid State Phenomena, 2007, 119, 151-154.	0.3	0
139	Preparation and Characterization of Anti-Fogging Low Density Polymer Film. Solid State Phenomena, 2007, 119, 47-50.	0.3	0
140	Synthesis and Properties of TiO <sub>2</sub> /ZnO Core/Shell Nanomaterials. Solid State Phenomena, 2007, 119, 239-242.	0.3	4
141	Comparison of Optical Properties of Pyrazoline Derivative Nanoparticles. Solid State Phenomena, 2007, 119, 39-42.	0.3	1
142	Synthesis of Nanosized $\hat{\pm}$ -Fe and Enhancement of Magnetic Property. Solid State Phenomena, 2007, 119, 323-326.	0.3	0
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