

Jinkwon Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	FeSe ₂ -CoSe ₂ /CoSe ₂ yolk-shell nanoboxes as superior electrocatalysts for the oxygen evolution reaction. <i>Materials Letters</i> , 2022, 323, 132573.	2.6	5
2	CoP ₂ /Fe-CoP ₂ yolk-shell nanoboxes as efficient electrocatalysts for the oxygen evolution reaction. <i>Nanoscale</i> , 2021, 13, 4569-4575.	5.6	29
3	Shape Effect on Electrochemical Energy Storage Performance of Nanosized Copper Germanium Selenide Particles. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 641-644.	1.9	3
4	Binding of permanganate anion to pentaammineazidocobalt(III) cation in solution and solid phases: synthesis, characterization, X-ray structure, and genotoxic effects of [Co(NH ₃) ₅ N ₃](MnO ₄) ₂ ·xH ₂ O. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1016-1029.	1.2	0
5	NiSe ₂ -FeSe Double-Shelled Hollow Polyhedrons as Superior Electrocatalysts for the Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 12998-13005.	5.1	15
6	Wet-Spinning Fabrication of Flexible Conductive Composite Fibers from Silver Nanowires and Fibroin. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 162-169.	1.9	8
7	Voltammetric nonenzymatic sensing of glucose by using a porous nanohybrid composed of CuS@SiO ₂ spheres and polypyrrole. <i>Mikrochimica Acta</i> , 2020, 187, 260.	5.0	22
8	Multi-shelled CoS ₂ -MoS ₂ hollow spheres as efficient bifunctional electrocatalysts for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13290-13299.	7.1	54
9	CoP Embedded in Hierarchical N-Doped Carbon Nanotube Frameworks as Efficient Catalysts for the Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2018, 5, 1644-1651.	3.4	46
10	Hierarchical Nanoboxes Composed of Co ₉ S ₈ -MoS ₂ Nanosheets as Efficient Electrocatalysts for the Hydrogen Evolution Reaction. <i>Chemistry - an Asian Journal</i> , 2018, 13, 413-420.	3.3	47
11	Hierarchical Ni _{3.5} Co _{5.5} S ₈ nanosheet-assembled hollow nanocages: Superior electrocatalyst towards oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5985-5992.	7.1	36
12	Bandgap tunable colloidal Cu-based ternary and quaternary chalcogenide nanosheets via partial cation exchange. <i>Nanoscale</i> , 2016, 8, 7906-7913.	5.6	24
13	Synthesis of S ₂ Te ₃ Hierarchical Nanostructures by Divalent Germanium Ion-assisted Solution Method. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2841-2845.	1.9	0
14	Wurtzite Cu ₂ GeS ₃ Nanocrystals: Phase- and Shape-Controlled Colloidal Synthesis. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1468-1473.	3.3	12
15	Reactive-template fabrication of porous NiO nanowires for electrocatalytic O ₂ evolution reaction. <i>RSC Advances</i> , 2015, 5, 33269-33274.	3.6	19
16	Phase controlled synthesis of SnSe and SnSe ₂ hierarchical nanostructures made of single crystalline ultrathin nanosheets. <i>CrystEngComm</i> , 2015, 17, 807-813.	2.6	108
17	Combined plasmonic and upconversion rear reflectors for efficient dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 879-881.	4.1	78
18	Use of urchin-like Ni _x Co _{3-x} O ₄ hierarchical nanostructures based on non-precious metals as bifunctional electrocatalysts for anion-exchange membrane alkaline alcohol fuel cells. <i>Nanoscale</i> , 2014, 6, 9665-9672.	5.6	83

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19	A general approach for synthesis of functional metal oxide nanotubes and their application in dye-sensitized solar cells. RSC Advances, 2014, 4, 2858-2864.	3.6	34
20	Upconversion nanophosphors for solar cell applications. RSC Advances, 2014, 4, 34873-34895.	3.6	103
21	Facile hot-injection synthesis of stoichiometric Cu ₂ ZnSnSe ₄ nanocrystals using bis(triethylsilyl) selenide. Dalton Transactions, 2014, 43, 9481-9485.	3.3	11
22	Enhanced upconversion luminescence in NaGdF ₄ :Yb,Er nanocrystals by Fe ³⁺ doping and their application in bioimaging. Nanoscale, 2013, 5, 8711.	5.6	215
23	Facile and fast synthesis of flower-like ZnO nanostructures. Materials Letters, 2013, 93, 52-55.	2.6	19
24	Syntheses, characterization and molecular structures of novel Ru(ii), Rh(iii) and Ir(iii) complexes and their possible roles as antitumour and cytotoxic agents. New Journal of Chemistry, 2013, 37, 2573.	2.8	27
25	Dopant induced diameter tuning of Mn-doped CdTe nanorods in aqueous solution. CrystEngComm, 2013, 15, 2061-2066.	2.6	30
26	Facile solution routes for the syntheses of GeTe nanocrystals. RSC Advances, 2013, 3, 288-292.	3.6	9
27	Highly efficient dye-sensitized solar cells based on HfO ₂ modified TiO ₂ electrodes. Materials Research Bulletin, 2013, 48, 79-83.	5.2	42
28	Syntheses and structural studies of mononuclear arene ruthenium complexes with nitrogen-based chelating ligands. Journal of Coordination Chemistry, 2012, 65, 2523-2534.	2.2	6
29	Effects of TiO ₂ shells on optical and thermal properties of silver nanowires. Journal of Materials Chemistry, 2012, 22, 11651.	6.7	122
30	Hexagonal nanoplatelets of CuSe synthesized through facile solution phase reaction. Materials Research Bulletin, 2011, 46, 340-344.	5.2	43
31	Syntheses and Molecular Structure of Dinuclear Transition Metal Complexes Bridged by Dipyridylamine Derivative Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1516-1521.	1.2	11
32	[Bis(2-pyridyl-1 ^o N)amine]chlorido(1,6-hexamethylbenzene)ruthenium(II) hexafluoridophosphate dichloromethane solvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m548-m548.	0.2	2
33	One-dimensional supramolecular assembly of an Mn ₁₂ single molecule magnet by ligand interactions. Inorganic Chemistry Communication, 2010, 13, 429-432.	3.9	5
34	Single molecule magnet: Heterodinuclear cyano-bridged cubic cluster [(Tp) ₈ Fe ₄ Ni ₄ (CN) ₁₂] (Tp=hydrotris(1-pyrazolyl)borate). Inorganica Chimica Acta, 2007, 360, 2647-2652.	2.4	23
35	Molecular Structures and Magnetism of Mn ₁₂ Nanomagnets Containing the 3-Thiophenecarboxylate Ligand. European Journal of Inorganic Chemistry, 2006, 2006, 711-717.	2.0	19
36	Cyano-Bridged Hexanuclear Fe ₄ M ₂ (M = Ni, Co, Mn) Clusters: Spin-Canted Antiferromagnetic Ordering of Fe ₄ Ni ₂ Cluster. Inorganic Chemistry, 2005, 44, 6983-6988.	4.0	64

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37	Atomic Force Microscopy Study of Mn ₁₂ O ₁₂ (O ₂ CC ₄ H ₃ S) ₁₆ (H ₂ O) ₄ Single-Molecule Magnet Adsorbed on Au Surface. Japanese Journal of Applied Physics, 2004, 43, 8273-8277.	1.5	18
38	Synthesis of a cyano-bridged Fe ₂ Mn linear unit and a Fe ₂ Mn ₂ square unit by using the [fac-Fe{HB(pz) ₃ }(CN) ₃] ³⁺ building block. Polyhedron, 2004, 23, 1333-1339.	2.2	59
39	Reductive coupling of trinuclear [Mn ^{II} Mn ^{III} O] core to form hexanuclear [Mn ₄ ^{II} Mn ₂ ^{III} O ₂] cluster. Inorganic Chemistry Communication, 2004, 7, 122-124.	3.9	24
40	A Novel One-Dimensional Chain Complex Composed of Oxo-Centered Trinuclear Manganese Clusters. European Journal of Inorganic Chemistry, 2003, 2003, 2563-2566.	2.0	28
41	SYNTHESIS OF NOVEL MANGANESE-BASED SINGLE-MOLECULE NANOMAGNETS. , 2003, , .		0
42	SYNTHESIS OF NOVEL MANGANESE-BASED SINGLE-MOLECULE NANOMAGNETS. International Journal of Nanoscience, 2002, 01, 455-459.	0.7	1
43	trans-Bis(isothiocyanato- $\hat{\nu}$ N)bis(methanol- $\hat{\nu}$ O)bis[2,4,6-tri(4-pyridyl)-1,3,5-triazine- $\hat{\nu}$ N ₂]manganese(II). Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m521-m522.	0.4	5
44	Crystal structure and magnetic properties of dicarboxylate-bridged linear chain Mn(II) complexes. Polyhedron, 2001, 20, 1947-1951.	2.2	20
45	Weak Ferromagnetism in a Three-Dimensional Manganese(II) Azido Complex, [Mn(4,4'-bipy)(N ₃) ₂] _n (bipy =) Tj ETOq1 1 0.784314	4.8	114