Young-Uk Kwon

List of Publications by Year
in descending order

138 papers	4,707 citations	81900 39 h-index	118850 62 g-index
141 all docs	141 docs citations	141 times ranked	6642 citing authors

#	Article	IF	Citations
1	Structural Design of Mesoporous Silica by Micelle-Packing Control Using Blends of Amphiphilic Block Copolymers. Journal of Physical Chemistry B, 2002, 106, 2552-2558.	2.6	219
2	Catalytic Transfer Hydrogenation of Furfural to Furfuryl Alcohol under Mild Conditions over Zr-MOFs: Exploring the Role of Metal Node Coordination and Modification. ACS Catalysis, 2020, 10, 3720-3732.	11.2	187
3	Microwave Fabrication of MFI Zeolite Crystals with a Fibrous Morphology and Their Applications. Angewandte Chemie - International Edition, 2005, 44, 556-560.	13.8	161
4	Benzene-Templated Hydrothermal Synthesis of Metal-Organic Frameworks with Selective Sorption Properties. Chemistry - A European Journal, 2004, 10, 5535-5540.	3.3	160
5	Microwave synthesis of cubic mesoporous silica SBA-16. Microporous and Mesoporous Materials, 2004, 68, 21-27.	4.4	139
6	Electrochemical Synthesis of CdSe Quantumâ€Dot Arrays on a Graphene Basal Plane Using Mesoporous Silica Thinâ€Film Templates. Advanced Materials, 2010, 22, 515-518.	21.0	137
7	Rational syntheses of coreâ€“shell Fe@(PtRu) nanoparticle electrocatalysts for the methanol oxidation reaction with complete suppression of CO-poisoning and highly enhanced activity. Journal of Materials Chemistry A, 2015, 3, 17154-17164.	10.3	135
8	Ionothermal Syntheses of Six Three-Dimensional Zinc Metalâ^'Organic Frameworks with 1-Alkyl-3-methylimidazolium Bromide Ionic Liquids as Solvents. Inorganic Chemistry, 2007, 46, 10670-10680.	4.0	116
9	PdM nanoparticles (MÂ=ÂNi, Co, Fe, Mn) with high activity and stability in formic acid oxidation synthesized by sonochemical reactions. Journal of Power Sources, 2014, 262, 356-363.	7.8	111
10	Nanoparticle routes to mesoporous titania thin films. Chemical Communications, 2001, , 1738-1739.	4.1	103
11	Triply interpenetrating coordination polymers based on paddle-wheel type secondary-building units of M2(CO2R)4: [Ni3(2,6-NDC)3(bipy)1.5], [Co3(2,6-NDC)3(bipy)1.5], and [Co(1,3-BDC)(bipyen)] (2,6-NDC=2,6-naphthalenedicarboxylate; 1,3-BDC=1,3-benzenedicarboxylate; bipy=4,4â€²-bipyridine;) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	90
12	Widespread Interstitial Chemistry of Mn5Si3-Type and Related Phases. Hidden Impurities and Opportunities. Chemistry of Materials, 1998, 10, 2824-2836.	6.7	87
13	Porous Crystal Formation from Polyoxometalate Building Blocks:Â Single-Crystal Structure of		

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19	Ionothermal synthesis of a 3D Znâ€“BTC metal-organic framework with distorted tetranuclear [Zn4(Î¼4-O)] subunits. Inorganic Chemistry Communication, 2008, 11, 1190-1193.	3.9	71
20	Direct methanol fuel cell Ptâ€“carbon catalysts by using SBA-15 nanoporous templates. Electrochemistry Communications, 2004, 6, 737-741.	4.7	70
21	Mechanisms of absorption and desorption of CO₂ by molten NaNO₃-promoted MgO. Physical Chemistry Chemical Physics, 2017, 19, 6224-6232.	2.8	69
22	Semiconductor CdO as a Blocking Layer Material on DSSC Electrode: Mechanism and Application. Journal of Physical Chemistry C, 2009, 113, 17176-17182.	3.1	61
23	Morphing Mncore@Ptshell nanoparticles: Effects of core structure on the ORR performance of Pt shell. Applied Catalysis B: Environmental, 2020, 267, 118727.	20.2	58
24	New Ionic Crystals of Oppositely Charged Cluster Ions and Their Characterization. Inorganic Chemistry, 2003, 42, 4153-4159.	4.0	57
25	Systematic phase control of periodic mesoporous organosilicas using Gemini surfactants. Journal of Materials Chemistry, 2005, 15, 4711.	6.7	54
26	Combination Effects of Cation and Anion of Ionic Liquids on the Cadmium Metalâ^'Organic Frameworks in Ionothermal Systems. Inorganic Chemistry, 2008, 47, 1907-1909.	4.0	54
27	Novel Mn(II)-Based Metalâ€“Organic Frameworks Isolated in Ionic Liquids. Crystal Growth and Design, 2013, 13, 1260-1266.	3.0	54
28	Effects of particle proximity and composition of Ptâ€“M (MÂ=ÂMn, Fe, Co) nanoparticles on electrocatalysis in methanol oxidation reaction. Journal of Power Sources, 2015, 294, 75-81.	7.8	54
29	Thylakoids entrapped within porous silica gel: towards living matter able to convert energy. Journal of Materials Chemistry, 2009, 19, 1535.	6.7	50
30	AVSeO5(A = Rb, Cs) and AV3Se2O12(A = K, Rb, Cs, NH4):Â Hydrothermal Synthesis in the V2O5â^'SeO2â^'AOH System and Crystal Structure of CsVSeO5. Inorganic Chemistry, 1996, 35, 1161-1167.	4.0	49
31	Mesoporous Titania Thin Film with Highly Ordered and Fully Accessible Vertical Pores and Crystalline Walls. Chemistry - an Asian Journal, 2008, 3, 862-867.	3.3	48
32	Tuning of spacer groups in organic dyes for efficient inhibition of charge recombination in dye-sensitized solar cells. Dyes and Pigments, 2012, 95, 134-141.	3.7	46
33	Direct Hydrogenation of Biomassâ€Derived Butyric Acid to nâ€Butanol over a Rutheniumâ€“Tin Bimetallic Catalyst. ChemSusChem, 2014, 7, 2998-3001.	6.8	46
34	Hydrothermal synthesis of anatase nanocrystals with lattice and surface doping tungsten species. CrystEngComm, 2009, 11, 1621.	2.6	45
35	Crystal Engineering through Face Interactions between Tetrahedral and Octahedral Building Blocks:Â Crystal Structure of [Îµ-Al13O4(OH)24(H2O)12]2[V2W4O19]3(OH)2Â·27H2O. Inorganic Chemistry, 2004, 43, 1929-1932.	4.0	44
36	A mixed-linker porphyrin framework with CdI2-type topology. CrystEngComm, 2008, 10, 824.	2.6	43

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37	Facile approach to synthesize Ni(OH)2 nanoflakes on MWCNTs for high performance electrochemical supercapacitors. Electrochimica Acta, 2012, 85, 243-247.	5.2	43
38	Development of white antibacterial pigment based on silver chloride nanoparticles and mesoporous silica and its polymer composite. Microporous and Mesoporous Materials, 2010, 128, 19-25.	4.4	40
39	Mesoporous Thin Films of Nitrogen-Doped Carbon with Electrocatalytic Properties. Journal of Physical Chemistry C, 2012, 116, 16848-16853.	3.1	39
40	Investigation of porosity and heterojunction effects of a mesoporous hematite electrode on photoelectrochemical water splitting. Physical Chemistry Chemical Physics, 2013, 15, 9775.	2.8	38
41	Enhancement of electrocatalytic activity of platinum for hydrogen oxidation reaction by sonochemically synthesized WC1â˜x nanoparticles. Journal of Power Sources, 2009, 193, 441-446.	7.8	37
42	One-step sonochemical syntheses of Ni@Pt coreâ€“shell nanoparticles with controlled shape and shell thickness for fuel cell electrocatalyst. Ultrasonics Sonochemistry, 2014, 21, 317-323.	8.2	37
43	Investigation of different silica precursors: Design of biocompatible silica gels with long term bio-activity of entrapped thylakoids toward artificial leaf. Journal of Materials Chemistry, 2009, 19, 4131.	6.7	36
44	Diversification of Hydrothermal Reaction Products Induced by Naphthalene Molecules. Inorganic Chemistry, 2005, 44, 538-545.	4.0	35
45	Ultrasound-assisted polyol synthesis and electrocatalytic characterization of PdxCo alloy and coreâ€“shell nanoparticles. Journal of Power Sources, 2012, 201, 179-183.	7.8	35
46	Synthesis of a CdSeâ€“graphene hybrid composed of CdSe quantum dot arrays directly grown on CVD-graphene and its ultrafast carrier dynamics. Nanoscale, 2013, 5, 1483.	5.6	33
47	Nanocomposite Gels between [V10O28]6- and [AlO4Al12(OH)24(H2O)12]7+ Polyoxometalate Clusters. Chemistry of Materials, 1999, 11, 1641-1643.	6.7	32
48	Micropatterned CdS Thin Films by Selective Solution Deposition Using Microcontact Printing Techniques. Chemistry of Materials, 2000, 12, 2059-2063.	6.7	31
49	Mesoporous titania thin films with pseudo-cubic structure: Synthetic studies and applications to nanomembranes and nanotemplates. Microporous and Mesoporous Materials, 2006, 88, 48-55.	4.4	30
50	Semiconducting Divalent Metal Oxides as Blocking Layer Material for SnO₂-Based Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2011, 115, 23120-23125.	3.1	30
51	Polymorphism in intercluster salt system: two crystal structures of [Al13O4(OH)24(H2O)12][H2W12O40](OH)Â·nH2O. Inorganica Chimica Acta, 2005, 358, 310-314.	2.4	29
52	One-pot sonication-assisted polyol synthesis of trimetallic coreâ€“shell (Pd,Co)@Pt nanoparticles for enhanced electrocatalysis. International Journal of Hydrogen Energy, 2014, 39, 3710-3718.	7.1	29
53	Syntheses of LiCoO2 for cathode materials of secondary batteries from reflux reactions at 130â€“200Â°C. Journal of Power Sources, 2002, 104, 125-131.	7.8	28
54	Facile and adaptable synthesis method of mesostructured silica thin films. Journal of Materials Chemistry, 2008, 18, 1881.	6.7	27

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55	Mesoporous Zirconia Thin Films with Three-Dimensional Pore Structures and Their Application to Electrochemical Glucose Detection. ACS Applied Materials & Interfaces, 2013, 5, 3599-3606.	8.0	27
56	A Mesoporous Silica Thin Film as Uptake Host for Guest Molecules with Retarded Release Kinetics. ChemPhysChem, 2008, 9, 1402-1408.	2.1	26
57	Metalâ€“insulator transitions of SrTi1âˆ'V O3 solid solution system. Solid State Communications, 2002, 123, 305-310.	1.9	24
58	Ionothermal synthesis of 3D zinc coordination polymer: [Zn2(BTC)(OH)(I)](BMIM) containing novel tetra nuclear building unit. Inorganic Chemistry Communication, 2008, 11, 150-154.	3.9	23
59	Enhancement of electrocatalytic activity of gold nanoparticles by sonochemical treatment. Chemical Communications, 2010, 46, 5656.	4.1	23
60	Facile sonochemical synthesis of amorphous NiFe-(oxy)hydroxide nanoparticles as superior electrocatalysts for oxygen evolution reaction. Ultrasonics Sonochemistry, 2018, 40, 552-557.	8.2	23
61	Continuous and conformal thin TiO2-coating on carbon support makes Pd nanoparticles highly efficient and durable electrocatalyst. Applied Catalysis B: Environmental, 2021, 284, 119715.	20.2	23
62	Cd(VO2)4(SeO3)3Â·H2O: A New Bimetallic Vanadium Selenite Compound with Heptacoordinated Cadmium Ion. Journal of Solid State Chemistry, 2001, 161, 23-30.	2.9	22
63	Ultra-high capacitance hematite thin films with controlled nanoscopic morphologies. Nanoscale, 2014, 6, 10643-10649.	5.6	22
64	Multi-component electrocatalyst for low-temperature fuel cells synthesized via sonochemical reactions. Ultrasonics Sonochemistry, 2016, 29, 401-412.	8.2	21
65	In Situ Synthesis of Trimeric Ruthenium Cluster-Encapsulated ZIF-11 and Its Carbon Derivatives for Simultaneous Conversion of Glycerol and CO₂. Chemistry of Materials, 2020, 32, 10084-10095.	6.7	21
66	Sonochemical synthesis of tungsten carbideâ€“palladium nanocomposites and their electrocatalytic activity for hydrogen oxidation reaction. Electrochimica Acta, 2009, 55, 485-490.	5.2	20
67	The lead-zirconium system: binary phases and a series of interstitial compounds of the host Zr5Pb3. Journal of Alloys and Compounds, 1993, 190, 219-227.	5.5	19
68	Templateless Hydrothermal Synthesis of Aligned ZnO Nanorods. Chemistry Letters, 2004, 33, 1578-1579.	1.3	19
69	Peptide-Programmable Nanoparticle Superstructures with Tailored Electrocatalytic Activity. ACS Nano, 2018, 12, 6554-6562.	14.6	19
70	Interfacial Interactions Govern the Mechanisms of CO₂ Absorption and Desorption on A₂CO₃-Promoted MgO (A = Na, K, Rb, and Cs) Absorbents. Journal of Physical Chemistry C, 2018, 122, 20289-20300.	3.1	19
71	Ternary core-shell PdM@Pt (Mâ€¯=â€¯Mn and Fe) nanoparticle electrocatalysts with enhanced ORR catalytic properties. Ultrasonics Sonochemistry, 2019, 58, 104673.	8.2	19
72	Atomic and Magnetic Long-Range Orderings in BaLaMRuO6 (M=Mg and Zn). Journal of Solid State Chemistry, 2000, 150, 383-390.	2.9	18

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73	Incorporation of Decavanadate Ions into Silica Gels and Mesostructured Silica Walls. Chemistry of Materials, 2003, 15, 3261-3267.	6.7	18
74	Sonochemical synthesis of Pt-doped Pd nanoparticles with enhanced electrocatalytic activity for formic acid oxidation reaction. Journal of Applied Electrochemistry, 2012, 42, 827-832.	2.9	18
75	Graphene as electronic structure modifier of nanostructured Pt film for enhanced methanol oxidation reaction electrocatalysis. Carbon, 2014, 66, 691-698.	10.3	18
76	Morphology control of mesoporous SBA-16 using microwave irradiation. Studies in Surface Science and Catalysis, 2003, , 101-104.	1.5	17
77	Microwave Synthesis of Metallosilicate Zeolites with Fibrous Morphology. Journal of Nanoscience and Nanotechnology, 2006, 6, 1786-1791.	0.9	17
78	Humidity sensing by luminescence of Eu(III)-doped mesoporous silica thin film. Microporous and Mesoporous Materials, 2010, 127, 147-151.	4.4	17
79	Epitaxial growth of Pd nanoparticles on molybdenum disulfide by sonochemistry and its effects on electrocatalysis. RSC Advances, 2016, 6, 47468-47473.	3.6	17
80	Preparation of Ni/NiO-C catalyst with NiO crystal: catalytic performance and mechanism for ethanol oxidation in alkaline solution. Ionics, 2018, 24, 2745-2752.	2.4	17
81	Nickel coordination polymer with entrapped naphthalene molecules. Inorganic Chemistry Communication, 2004, 7, 942-945.	3.9	16
82	Synthesis of mesoporous titania thin films with vertical pore channels and thick and crystalline walls. Microporous and Mesoporous Materials, 2011, 145, 141-145.	4.4	16
83	Performance enhancement of all-solid CO2 absorbent based on Na2CO3-promoted MgO by using ZrO2 dispersant. International Journal of Greenhouse Gas Control, 2019, 81, 38-43.	4.6	16
84	Effects of Cr2O3 modification on the performance of SnO2 electrodes in DSSCs. Physical Chemistry Chemical Physics, 2012, 14, 3576.	2.8	15
85	Enhancing activity and durability of Pd nanoparticle electrocatalyst by ceria undercoating on carbon support. Journal of Catalysis, 2020, 384, 22-29.	6.2	15
86	Characterization of precipitates from the reactions between [Al13O4(OH)24(H2O)12]7+ polycations and [Mo7O24]6â˜ polyoxometalate anions. Journal of Non-Crystalline Solids, 2003, 318, 186-192.	3.1	14
87	Microwave-induced Fabrication of MFI Zeolite Crystal Films onto Various Metal Oxide Substrates. Chemistry Letters, 2005, 34, 1596-1597.	1.3	14
88	Electrochemical deposition of platinum on fluorine-doped tin oxide: The nucleation mechanisms. Electrochimica Acta, 2010, 55, 7276-7281.	5.2	14
89	Ensemble averaged structureâ€“function relationship for nanocrystals: effective superparamagnetic Fe clusters with catalytically active Pt skin. Nanoscale, 2017, 9, 15505-15514.	5.6	14
90	Sonochemical Syntheses and Catalytic Properties of Oxide and Carbide Nanocomposites on Carbon Nanotubes. Chemistry Letters, 2005, 34, 222-223.	1.3	13

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91	Goldâ€“titania nanocomposite films with a periodic 3D nanostructure. Thin Solid Films, 2009, 517, 5705-5709.	1.8	13
92	Characteristics of NaNO₃-Promoted CdO as a Midtemperature CO₂ Absorbent. ACS Applied Materials & Interfaces, 2017, 9, 21563-21572.	8.0	13
93	Superior Oxygen Electrocatalysis on RuSe x Nanoparticles for Rechargeable Air Cathodes. Advanced Energy Materials, 2018, 8, 1702037.	19.5	13
94	A thermosensitive fluorescent Eu-based metalâ€“organic framework and its polyether sulfone composite film as a thermal sensor. Dalton Transactions, 2018, 47, 8330-8336.	3.3	13
95	CO₂ absorption and desorption characteristics of MgO-based absorbent promoted by triple eutectic alkali carbonate. Physical Chemistry Chemical Physics, 2019, 21, 20805-20813.	2.8	13
96	TiC supported Pt-based nanoparticles: Facile sonochemical synthesis and electrocatalytic properties for methanol oxidation reaction. International Journal of Hydrogen Energy, 2017, 42, 19885-19893.	7.1	12
97	X-ray absorption spectroscopic and magnetic characterization of cobalt-doped zinc oxide nanocrystals prepared by the molten-salt method. Journal of Magnetism and Magnetic Materials, 2008, 320, 1591-1596.	2.3	11
98	HARD TEMPLATES FOR FABRICATION OF NANOSTRUCTURED FILMS. Nano, 2010, 05, 75-87.	1.0	11
99	A new 3D nickel(II) framework composed of large rings: Ionothermal synthesis and crystal structure. Journal of Solid State Chemistry, 2008, 181, 3185-3188.	2.9	10
100	Platinum Films with Controlled 3â€Dimensional Nanoscopic Morphologies and Their Effects on Surface Enhanced Raman Scattering. Chemistry - an Asian Journal, 2009, 4, 1284-1288.	3.3	10
101	Confinement Effects of P3HT in Nanochannels and Their Implications for Bulk Heterojunction Solar Cells. Journal of Nanoscience and Nanotechnology, 2010, 10, 279-284.	0.9	10
102	Facile synthesis of Nafion-supported Pt nanoparticles with ultra-low loading as a high-performance electrocatalyst for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2020, 566, 505-512.	9.4	10
103	Effect of composition of Pd10â^'xCux (xÂ=Â2, 3, 4, and 5) alloy nanoparticles on their electrocatalysis for methanol oxidation. Journal of Electroanalytical Chemistry, 2020, 865, 114144.	3.8	10
104	Controllably fabricating carbon microspheres with hierarchical porous structure for supercapacitors. Ionics, 2019, 25, 3341-3349.	2.4	9
105	Improving lithiumâ€“sulfur battery performances by using conjugative porous polymer as the sulfur support: the case of N-containing porous aromatic framework 41. Journal of Solid State Electrochemistry, 2019, 23, 657-666.	2.5	9
106	Scalable synthesis of (Pd,Cu)@Pt core-shell catalyst with high ORR activity and durability. Journal of Electroanalytical Chemistry, 2022, 918, 116451.	3.8	9
107	Syntheses and Magnetic Properties of Layered LnSrMn0.5Ni0.5O4 (Ln = La, Pr, Nd, Sm, Gd) Compounds. Chemistry of Materials, 1999, 11, 1921-1930.	6.7	8
108	Sub-nanometer thin TiO2-coating on carbon support for boosting oxygen reduction activity and durability of Pt nanoparticles. Electrochimica Acta, 2021, 394, 139127.	5.2	8

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109	Syntheses of micrometer-long Pt and Ag nanowires through SBA-15 templating. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	7
110	Enhanced electrocatalytic performance for hydrogen oxidation reaction on gold nanoparticles supported on tungsten oxide (VI) modified carbon. International Journal of Hydrogen Energy, 2012, 37, 8170-8176.	7.1	7
111	Hematite Thin Films with Various Nanoscopic Morphologies Through Control of Self-Assembly Structures. Nanoscale Research Letters, 2015, 10, 228.	5.7	7
112	Formation of conformal NiO underlayer on carbon for strong metal-support interactions effects on electrocatalytic performance of supported Pd nanoparticles. Applied Surface Science, 2020, 504, 144355.	6.1	7
113	Ï€-Ï€ stacked iron (II) phthalocyanine/graphene oxide composites: rational fabrication and excellent supercapacitor properties with superior rate performance. Journal of Solid State Electrochemistry, 2021, 25, 659-670.	2.5	7
114	A Templated Bimetallic Phosphate Open-structure with 16-MR Channels. Chemistry Letters, 2004, 33, 1616-1617.	1.3	6
115	Low-Cost Fabrication of Pt Thin Films with Controlled Nanostructures and Their Effects on SERS. Plasmonics, 2011, 6, 715-723.	3.4	6
116	Carbonic Anhydrase-Mimicking Keplerate Cluster Encapsulated Iron Trimesate for Base-Free CO₂ Hydrogenation. ACS Sustainable Chemistry and Engineering, 2021, 9, 14051-14060.	6.7	6
117	Synthesis and Humidity Sensing Characteristics of Polyaniline/BaTiO₃ Composites. Journal of Nanoscience and Nanotechnology, 2009, 9, 318-326.	0.9	5
118	Effects of Organic Additive during Thermal Reduction of Platinum Electrodes for Dye-Sensitized Solar Cells. Materials Transactions, 2010, 51, 2322-2324.	1.2	5
119	Reduced graphene oxide produced by rapid-heating reduction and its use in carbon-based field-effect transistors. Journal of Applied Physics, 2012, 112, 033701.	2.5	5
120	Templated syntheses of Pt thin films with feature sizes of 3, 6 and 9â€‰nm and their effects on SERS. Journal of Raman Spectroscopy, 2013, 44, 6-11.	2.5	5
121	Uniform Growth of High-Quality Oxide Thin Films on Graphene Using a CdSe Quantum Dot Array Seeding Layer. ACS Applied Materials & Interfaces, 2014, 6, 13015-13022.	8.0	5
122	Synergistic Effects between Gold Nanoparticles and Nanostructured Platinum Film in Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 22611-22617.	3.1	5
123	Nafion-assisted synthesis of palladium nanonetworks as efficient electrocatalysts for hydrogen evolution reaction. Ionics, 2020, 26, 1347-1356.	2.4	5
124	Synthesis of Conducting Mesoporous Materials Implanting Carbon Nanotubes inside Particles. Chemistry Letters, 2006, 35, 510-511.	1.3	4
125	Syntheses of MgCO3 and Na2Mg(CO3)2 through solid-gas reactions mediated by alkali nitrates. Journal of Solid State Chemistry, 2018, 263, 224-230.	2.9	4
126	Formation and crystal structure of a new double carbonate phase between Na and Cd. Journal of Solid State Chemistry, 2018, 267, 63-67.	2.9	4

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127	Crystal structure and magnetism of layered Ln2Ca2MnNiO8 (Ln=Pr, Nd, Sm, and Gd) compounds. Journal of Solid State Chemistry, 2004, 177, 1078-1086.	2.9	3
128	TEMPLATED SYNTHESIS OF NANOSTRUCTURED COBALT THIN FILM FOR POTENTIAL TERABIT MAGNETIC RECORDING. Nano, 2006, 01, 41-45.	1.0	3
129	Self-arrangement of nanoparticles toward crystalline metal oxides with high surface areas and tunable 3D mesopores. Scientific Reports, 2016, 6, 21496.	3.3	3
130	Mechanism study of Single-Step synthesis of Fe(core)@Pt(shell) nanoparticles by sonochemistry. Ultrasonics Sonochemistry, 2021, 77, 105679.	8.2	3
131	Reduced Titania Films with Ordered Nanopores and Their Application to Visible Light Water Splitting. Bulletin of the Korean Chemical Society, 2013, 34, 2271-2275.	1.9	3
132	Synthesis and characterization of lamellar-structured silica thin films with high thermal stability greater than 450 Â°C. Journal of Materials Chemistry, 2011, 21, 3903.	6.7	2
133	High-Density Ordered Arrays of CoPt3 Nanoparticles with Individually Addressable Out-of-Plane Magnetization. ACS Applied Nano Materials, 2019, 2, 975-982.	5.0	2
134	Identification of a new form of monomeric vanadia species in silica gel. Journal of Non-Crystalline Solids, 2005, 351, 3365-3369.	3.1	1
135	New Ionic Crystals of Oppositely Charged Cluster Ions and Their Characterization.. ChemInform, 2003, 34, no.	0.0	0
136	Ordered mesostructured materials with composite walls of decavanadate and silica. Studies in Surface Science and Catalysis, 2003, 146, 201-204.	1.5	0
137	HYDROTHERMAL SYNTHESIS OF TITANATE NANOWIRES. , 2003, , .		0
138	Fabrication of poly(methyl methacrylate) colloidal monolayer on chemically modified silicon surface and hemispherical platinum nanoshell. Applied Surface Science, 2008, 255, 3400-3406.	6.1	0