

Young-Uk Kwon

List of Publications by Year in descending order

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times ranked

6642
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	π-π 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
3	Continuous and conformal thin TiO ₂ -coating on carbon support makes Pd nanoparticles highly efficient and durable electrocatalyst. Applied Catalysis B: Environmental, 2021, 284, 119715.	20.2	23
4	Mechanism study of Single-Step synthesis of Fe(core)@Pt(shell) nanoparticles by sonochemistry. Ultrasonics Sonochemistry, 2021, 77, 105679.	8.2	3
5	Carbonic Anhydrase-Mimicking Keplerate Cluster Encapsulated Iron Trimesate for Base-Free CO ₂ Hydrogenation. ACS Sustainable Chemistry and Engineering, 2021, 9, 14051-14060.	6.7	6
6	Sub-nanometer thin TiO ₂ -coating on carbon support for boosting oxygen reduction activity and durability of Pt nanoparticles. Electrochimica Acta, 2021, 394, 139127.	5.2	8
7	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
8	Nafion-assisted synthesis of palladium nanonetworks as efficient electrocatalysts for hydrogen evolution reaction. Ionics, 2020, 26, 1347-1356.	2.4	5
9	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
10	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
11	In Situ Synthesis of Trimeric Ruthenium Cluster-Encapsulated ZIF-11 and Its Carbon Derivatives for Simultaneous Conversion of Glycerol and CO ₂ . Chemistry of Materials, 2020, 32, 10084-10095.	6.7	21
12	Enhancing activity and durability of Pd nanoparticle electrocatalyst by ceria undercoating on carbon support. Journal of Catalysis, 2020, 384, 22-29.	6.2	15
13	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
14	Effect of composition of Pd ₁₀ ~xCu _x (x=2, 3, 4, and 5) alloy nanoparticles on their electrocatalysis for methanol oxidation. Journal of Electroanalytical Chemistry, 2020, 865, 114144.	3.8	10
15	Ternary core-shell PdM@Pt (M=Mn and Fe) nanoparticle electrocatalysts with enhanced ORR catalytic properties. Ultrasonics Sonochemistry, 2019, 58, 104673.	8.2	19
16	CO ₂ 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
17	High-Density Ordered Arrays of CoPt ₃ Nanoparticles with Individually Addressable Out-of-Plane Magnetization. ACS Applied Nano Materials, 2019, 2, 975-982.	5.0	2
18	Controllably fabricating carbon microspheres with hierarchical porous structure for supercapacitors. Ionics, 2019, 25, 3341-3349.	2.4	9

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19	Performance enhancement of all-solid CO ₂ absorbent based on Na ₂ CO ₃ -promoted MgO by using ZrO ₂ dispersant. <i>International Journal of Greenhouse Gas Control</i> , 2019, 81, 38-43.	4.6	16
20	Improving lithium-sulfur battery performances by using conjugative porous polymer as the sulfur support: the case of N-containing porous aromatic framework 41. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 657-666.	2.5	9
21	Preparation of Ni/NiO-C catalyst with NiO crystal: catalytic performance and mechanism for ethanol oxidation in alkaline solution. <i>Ionics</i> , 2018, 24, 2745-2752.	2.4	17
22	Superior Oxygen Electrocatalysis on RuSe x Nanoparticles for Rechargeable Air Cathodes. <i>Advanced Energy Materials</i> , 2018, 8, 1702037.	19.5	13
23	Facile sonochemical synthesis of amorphous NiFe-(oxy)hydroxide nanoparticles as superior electrocatalysts for oxygen evolution reaction. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 552-557.	8.2	23
24	Peptide-Programmable Nanoparticle Superstructures with Tailored Electrocatalytic Activity. <i>ACS Nano</i> , 2018, 12, 6554-6562.	14.6	19
25	Syntheses of MgCO ₃ and Na ₂ Mg(CO ₃) ₂ through solid-gas reactions mediated by alkali nitrates. <i>Journal of Solid State Chemistry</i> , 2018, 263, 224-230.	2.9	4
26	Interfacial Interactions Govern the Mechanisms of CO ₂ Absorption and Desorption on A ₂ CO ₃ -Promoted MgO (A = Na, K, Rb, and Cs) Absorbents. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20289-20300.	3.1	19
27	Formation and crystal structure of a new double carbonate phase between Na and Cd. <i>Journal of Solid State Chemistry</i> , 2018, 267, 63-67.	2.9	4
28	A thermosensitive fluorescent Eu-based metal-organic framework and its polyether sulfone composite film as a thermal sensor. <i>Dalton Transactions</i> , 2018, 47, 8330-8336.	3.3	13
29	Mechanisms of absorption and desorption of CO ₂ by molten NaNO ₃ -promoted MgO. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6224-6232.	2.8	69
30	Ensemble averaged structure-function relationship for nanocrystals: effective superparamagnetic Fe clusters with catalytically active Pt skin. <i>Nanoscale</i> , 2017, 9, 15505-15514.	5.6	14
31	TiC supported Pt-based nanoparticles: Facile sonochemical synthesis and electrocatalytic properties for methanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19885-19893.	7.1	12
32	Characteristics of NaNO ₃ -Promoted CdO as a Midtemperature CO ₂ Absorbent. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21563-21572.	8.0	13
33	Self-arrangement of nanoparticles toward crystalline metal oxides with high surface areas and tunable 3D mesopores. <i>Scientific Reports</i> , 2016, 6, 21496.	3.3	3
34	Epitaxial growth of Pd nanoparticles on molybdenum disulfide by sonochemistry and its effects on electrocatalysis. <i>RSC Advances</i> , 2016, 6, 47468-47473.	3.6	17
35	Multi-component electrocatalyst for low-temperature fuel cells synthesized via sonochemical reactions. <i>Ultrasonics Sonochemistry</i> , 2016, 29, 401-412.	8.2	21
36	Hematite Thin Films with Various Nanoscopic Morphologies Through Control of Self-Assembly Structures. <i>Nanoscale Research Letters</i> , 2015, 10, 228.	5.7	7

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37	Effects of particle proximity and composition of Pt@M (M=Mn, Fe, Co) nanoparticles on electrocatalysis in methanol oxidation reaction. <i>Journal of Power Sources</i> , 2015, 294, 75-81.	7.8	54
38	Rational syntheses of core-shell Fe@(PtRu) nanoparticle electrocatalysts for the methanol oxidation reaction with complete suppression of CO-poisoning and highly enhanced activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17154-17164.	10.3	135
39	Synergistic Effects between Gold Nanoparticles and Nanostructured Platinum Film in Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22611-22617.	3.1	5
40	Composition effects of spinel Mn Co ₃ O ₄ nanoparticles on their electrocatalytic properties in oxygen reduction reaction in alkaline media. <i>Journal of Power Sources</i> , 2015, 273, 735-741.	7.8	75
41	One-step sonochemical syntheses of Ni@Pt core-shell nanoparticles with controlled shape and shell thickness for fuel cell electrocatalyst. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 317-323.	8.2	37
42	Graphene as electronic structure modifier of nanostructured Pt film for enhanced methanol oxidation reaction electrocatalysis. <i>Carbon</i> , 2014, 66, 691-698.	10.3	18
43	One-pot sonication-assisted polyol synthesis of trimetallic core-shell (Pd,Co)@Pt nanoparticles for enhanced electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3710-3718.	7.1	29
44	Direct Hydrogenation of Biomass-Derived Butyric Acid to n-Butanol over a Ruthenium-Tin Bimetallic Catalyst. <i>ChemSusChem</i> , 2014, 7, 2998-3001.	6.8	46
45	Uniform Growth of High-Quality Oxide Thin Films on Graphene Using a CdSe Quantum Dot Array Seeding Layer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13015-13022.	8.0	5
46	Ultra-high capacitance hematite thin films with controlled nanoscopic morphologies. <i>Nanoscale</i> , 2014, 6, 10643-10649.	5.6	22
47	PdM nanoparticles (M=Ni, Co, Fe, Mn) with high activity and stability in formic acid oxidation synthesized by sonochemical reactions. <i>Journal of Power Sources</i> , 2014, 262, 356-363.	7.8	111
48	Templated syntheses of Pt thin films with feature sizes of 3, 6 and 9 nm and their effects on SERS. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 6-11.	2.5	5
49	Synthesis of a CdSe-graphene hybrid composed of CdSe quantum dot arrays directly grown on CVD-graphene and its ultrafast carrier dynamics. <i>Nanoscale</i> , 2013, 5, 1483.	5.6	33
50	Novel Mn(II)-Based Metal-Organic Frameworks Isolated in Ionic Liquids. <i>Crystal Growth and Design</i> , 2013, 13, 1260-1266.	3.0	54
51	Mesoporous Zirconia Thin Films with Three-Dimensional Pore Structures and Their Application to Electrochemical Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3599-3606.	8.0	27
52	Investigation of porosity and heterojunction effects of a mesoporous hematite electrode on photoelectrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9775.	2.8	38
53	Rational syntheses of core-shell Fe _x @Pt nanoparticles for the study of electrocatalytic oxygen reduction reaction. <i>Scientific Reports</i> , 2013, 3, 2872.	3.3	75
54	Reduced Titania Films with Ordered Nanopores and Their Application to Visible Light Water Splitting. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2271-2275.	1.9	3

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55	Mesoporous Thin Films of Nitrogen-Doped Carbon with Electrocatalytic Properties. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16848-16853.	3.1	39
56	Sonochemical synthesis of Pt-doped Pd nanoparticles with enhanced electrocatalytic activity for formic acid oxidation reaction. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 827-832.	2.9	18
57	Syntheses of micrometer-long Pt and Ag nanowires through SBA-15 templating. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	7
58	Effects of Cr ₂ O ₃ modification on the performance of SnO ₂ electrodes in DSSCs. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3576.	2.8	15
59	Facile approach to synthesize Ni(OH) ₂ nanoflakes on MWCNTs for high performance electrochemical supercapacitors. <i>Electrochimica Acta</i> , 2012, 85, 243-247.	5.2	43
60	Reduced graphene oxide produced by rapid-heating reduction and its use in carbon-based field-effect transistors. <i>Journal of Applied Physics</i> , 2012, 112, 033701.	2.5	5
61	Tuning of spacer groups in organic dyes for efficient inhibition of charge recombination in dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2012, 95, 134-141.	3.7	46
62	Enhanced electrocatalytic performance for hydrogen oxidation reaction on gold nanoparticles supported on tungsten oxide (VI) modified carbon. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 8170-8176.	7.1	7
63	Ultrasound-assisted polyol synthesis and electrocatalytic characterization of Pd _x Co alloy and core-shell nanoparticles. <i>Journal of Power Sources</i> , 2012, 201, 179-183.	7.8	35
64	Synthesis and characterization of lamellar-structured silica thin films with high thermal stability greater than 450 Å°C. <i>Journal of Materials Chemistry</i> , 2011, 21, 3903.	6.7	2
65	Direct preparation of 1-PSA modified graphenenanosheets by supercritical fluidic exfoliation and its electrochemical properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 3462-3466.	6.7	79
66	Semiconducting Divalent Metal Oxides as Blocking Layer Material for SnO ₂ -Based Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23120-23125.	3.1	30
67	One-pot synthesis of core-shell-like Pt ₃ Co nanoparticle electrocatalyst with Pt-enriched surface for oxygen reduction reaction in fuel cells. <i>Energy and Environmental Science</i> , 2011, 4, 4947.	30.8	81
68	Synthesis of mesoporous titania thin films with vertical pore channels and thick and crystalline walls. <i>Microporous and Mesoporous Materials</i> , 2011, 145, 141-145.	4.4	16
69	Low-Cost Fabrication of Pt Thin Films with Controlled Nanostructures and Their Effects on SERS. <i>Plasmonics</i> , 2011, 6, 715-723.	3.4	6
70	Effects of Organic Additive during Thermal Reduction of Platinum Electrodes for Dye-Sensitized Solar Cells. <i>Materials Transactions</i> , 2010, 51, 2322-2324.	1.2	5
71	Electrochemical Synthesis of CdSe Quantum Dot Arrays on a Graphene Basal Plane Using Mesoporous Silica Thin-Film Templates. <i>Advanced Materials</i> , 2010, 22, 515-518.	21.0	137
72	Development of white antibacterial pigment based on silver chloride nanoparticles and mesoporous silica and its polymer composite. <i>Microporous and Mesoporous Materials</i> , 2010, 128, 19-25.	4.4	40

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73	Humidity sensing by luminescence of Eu(III)-doped mesoporous silica thin film. <i>Microporous and Mesoporous Materials</i> , 2010, 127, 147-151.	4.4	17
74	Electrochemical deposition of platinum on fluorine-doped tin oxide: The nucleation mechanisms. <i>Electrochimica Acta</i> , 2010, 55, 7276-7281.	5.2	14
75	HARD TEMPLATES FOR FABRICATION OF NANOSTRUCTURED FILMS. <i>Nano</i> , 2010, 05, 75-87.	1.0	11
76	Confinement Effects of P3HT in Nanochannels and Their Implications for Bulk Heterojunction Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 279-284.	0.9	10
77	Enhancement of electrocatalytic activity of gold nanoparticles by sonochemical treatment. <i>Chemical Communications</i> , 2010, 46, 5656.	4.1	23
78	Synthesis and Humidity Sensing Characteristics of Polyaniline/BaTiO ₃ Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 318-326.	0.9	5
79	Enhancement of electrocatalytic activity of platinum for hydrogen oxidation reaction by sonochemically synthesized WC _x nanoparticles. <i>Journal of Power Sources</i> , 2009, 193, 441-446.	7.8	37
80	Sonochemical synthesis of tungsten carbide-palladium nanocomposites and their electrocatalytic activity for hydrogen oxidation reaction. <i>Electrochimica Acta</i> , 2009, 55, 485-490.	5.2	20
81	Gold-titania nanocomposite films with a periodic 3D nanostructure. <i>Thin Solid Films</i> , 2009, 517, 5705-5709.	1.8	13
82	Platinum Films with Controlled 3-Dimensional Nanoscopic Morphologies and Their Effects on Surface Enhanced Raman Scattering. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1284-1288.	3.3	10
83	Semiconductor CdO as a Blocking Layer Material on DSSC Electrode: Mechanism and Application. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17176-17182.	3.1	61
84	Hydrothermal synthesis of anatase nanocrystals with lattice and surface doping tungsten species. <i>CrystEngComm</i> , 2009, 11, 1621.	2.6	45
85	Thylakoids entrapped within porous silica gel: towards living matter able to convert energy. <i>Journal of Materials Chemistry</i> , 2009, 19, 1535.	6.7	50
86	Product control by halide ions of ionic liquids in the ionothermal syntheses of Ni(H)BTC metal-organic frameworks. <i>Chemical Communications</i> , 2009, , 3431.	4.1	78
87	Investigation of different silica precursors: Design of biocompatible silica gels with long term bio-activity of entrapped thylakoids toward artificial leaf. <i>Journal of Materials Chemistry</i> , 2009, 19, 4131.	6.7	36
88	A Mesoporous Silica Thin Film as Uptake Host for Guest Molecules with Retarded Release Kinetics. <i>ChemPhysChem</i> , 2008, 9, 1402-1408.	2.1	26
89	A new 3D nickel(II) framework composed of large rings: Ionothermal synthesis and crystal structure. <i>Journal of Solid State Chemistry</i> , 2008, 181, 3185-3188.	2.9	10
90	X-ray absorption spectroscopic and magnetic characterization of cobalt-doped zinc oxide nanocrystals prepared by the molten-salt method. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 1591-1596.	2.3	11

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91	Ionothermal synthesis of 3D zinc coordination polymer: [Zn ₂ (BTC)(OH)(l)](BMIM) containing novel tetra nuclear building unit. <i>Inorganic Chemistry Communication</i> , 2008, 11, 150-154.	3.9	23
92	Ionothermal synthesis of a 3D Zn ²⁺ -BTC metal-organic framework with distorted tetranuclear [Zn ₄ (l ₃ /4-O)] subunits. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1190-1193.	3.9	71
93	Fabrication of poly(methyl methacrylate) colloidal monolayer on chemically modified silicon surface and hemispherical platinum nanoshell. <i>Applied Surface Science</i> , 2008, 255, 3400-3406.	6.1	0
94	Mesoporous Titania Thin Film with Highly Ordered and Fully Accessible Vertical Pores and Crystalline Walls. <i>Chemistry - an Asian Journal</i> , 2008, 3, 862-867.	3.3	48
95	A mixed-linker porphyrin framework with CdI ₂ -type topology. <i>CrystEngComm</i> , 2008, 10, 824.	2.6	43
96	Facile and adaptable synthesis method of mesostructured silica thin films. <i>Journal of Materials Chemistry</i> , 2008, 18, 1881.	6.7	27
97	Combination Effects of Cation and Anion of Ionic Liquids on the Cadmium Metal ²⁺ -Organic Frameworks in Ionothermal Systems. <i>Inorganic Chemistry</i> , 2008, 47, 1907-1909.	4.0	54
98	Ionothermal Syntheses of Six Three-Dimensional Zinc Metal ²⁺ -Organic Frameworks with 1-Alkyl-3-methylimidazolium Bromide Ionic Liquids as Solvents. <i>Inorganic Chemistry</i> , 2007, 46, 10670-10680.	4.0	116
99	Synthesis of Conducting Mesoporous Materials Implanting Carbon Nanotubes inside Particles. <i>Chemistry Letters</i> , 2006, 35, 510-511.	1.3	4
100	Mesoporous titania thin films with pseudo-cubic structure: Synthetic studies and applications to nanomembranes and nanotemplates. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 48-55.	4.4	30
101	TEMPLATED SYNTHESIS OF NANOSTRUCTURED COBALT THIN FILM FOR POTENTIAL TERABIT MAGNETIC RECORDING. <i>Nano</i> , 2006, 01, 41-45.	1.0	3
102	Microwave Synthesis of Metallosilicate Zeolites with Fibrous Morphology. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 1786-1791.	0.9	17
103	Microwave-induced Fabrication of MFI Zeolite Crystal Films onto Various Metal Oxide Substrates. <i>Chemistry Letters</i> , 2005, 34, 1596-1597.	1.3	14
104	Sonochemical Syntheses and Catalytic Properties of Oxide and Carbide Nanocomposites on Carbon Nanotubes. <i>Chemistry Letters</i> , 2005, 34, 222-223.	1.3	13
105	Polymorphism in intercluster salt system: two crystal structures of [Al ₁₃ O ₄ (OH) ₂₄ (H ₂ O) ₁₂][H ₂ W ₁₂ O ₄₀](OH) _n ·nH ₂ O. <i>Inorganica Chimica Acta</i> , 2005, 358, 310-314.	2.4	29
106	Microwave Fabrication of MFI Zeolite Crystals with a Fibrous Morphology and Their Applications. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 556-560.	13.8	161
107	Identification of a new form of monomeric vanadia species in silica gel. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 3365-3369.	3.1	1
108	Diversification of Hydrothermal Reaction Products Induced by Naphthalene Molecules. <i>Inorganic Chemistry</i> , 2005, 44, 538-545.	4.0	35

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109	Systematic phase control of periodic mesoporous organosilicas using Gemini surfactants. <i>Journal of Materials Chemistry</i> , 2005, 15, 4711.	6.7	54
110	Benzene-Templated Hydrothermal Synthesis of Metal-Organic Frameworks with Selective Sorption Properties. <i>Chemistry - A European Journal</i> , 2004, 10, 5535-5540.	3.3	160
111	Microwave synthesis of cubic mesoporous silica SBA-16. <i>Microporous and Mesoporous Materials</i> , 2004, 68, 21-27.	4.4	139
112	Crystal structure and magnetism of layered Ln ₂ Ca ₂ MnNiO ₈ (Ln=Pr, Nd, Sm, and Gd) compounds. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1078-1086.	2.9	3
113	Nickel coordination polymer with entrapped naphthalene molecules. <i>Inorganic Chemistry Communication</i> , 2004, 7, 942-945.	3.9	16
114	Direct methanol fuel cell Pt-carbon catalysts by using SBA-15 nanoporous templates. <i>Electrochemistry Communications</i> , 2004, 6, 737-741.	4.7	70
115	Crystal Engineering through Face Interactions between Tetrahedral and Octahedral Building Blocks: Crystal Structure of [μ-Al ₁₃ O ₄ (OH) ₂₄ (H ₂ O) ₁₂] ₂ [V ₂ W ₄ O ₁₉] ₃ (OH) ₂ ·27H ₂ O. <i>Inorganic Chemistry</i> , 2004, 43, 1929-1932.	4.0	44
116	A Templated Bimetallic Phosphate Open-structure with 16-MR Channels. <i>Chemistry Letters</i> , 2004, 33, 1616-1617.	1.3	6
117	Templateless Hydrothermal Synthesis of Aligned ZnO Nanorods. <i>Chemistry Letters</i> , 2004, 33, 1578-1579.	1.3	19
118	New Ionic Crystals of Oppositely Charged Cluster Ions and Their Characterization.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
119	Triply interpenetrating coordination polymers based on paddle-wheel type secondary-building units of M ₂ (CO ₂ R) ₄ : [Ni ₃ (2,6-NDC) ₃ (bipy) _{1.5}], [Co ₃ (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=4,4'-bipyridine; bipyen=4,4'-bipyridine). <i>J. Mater. Chem.</i> , 2004, 14, 2411-2414.	2.4	90
120	Incorporation of Decavanadate Ions into Silica Gels and Mesoporous Silica Walls. <i>Chemistry of Materials</i> , 2003, 15, 3261-3267.	6.7	18
121	New Ionic Crystals of Oppositely Charged Cluster Ions and Their Characterization. <i>Inorganic Chemistry</i> , 2003, 42, 4153-4159.	4.0	57
122	Characterization of precipitates from the reactions between [Al ₁₃ O ₄ (OH) ₂₄ (H ₂ O) ₁₂] ⁷⁺ polycations and [Mo ₇ O ₂₄] ⁶⁻ polyoxometalate anions. <i>Journal of Non-Crystalline Solids</i> , 2003, 318, 186-192.	3.1	14
123	Ordered mesostructured materials with composite walls of decavanadate and silica. <i>Studies in Surface Science and Catalysis</i> , 2003, 146, 201-204.	1.5	0
124	Morphology control of mesoporous SBA-16 using microwave irradiation. <i>Studies in Surface Science and Catalysis</i> , 2003, , 101-104.	1.5	17
125	HYDROTHERMAL SYNTHESIS OF TITANATE NANOWIRES. , 2003, , .		0
126	Structural Design of Mesoporous Silica by Micelle-Packing Control Using Blends of Amphiphilic Block Copolymers. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2552-2558.	2.6	219

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127	Syntheses of LiCoO ₂ for cathode materials of secondary batteries from reflux reactions at 130–200°C. Journal of Power Sources, 2002, 104, 125-131.	7.8	28
128	Metal–insulator transitions of SrTi _{1-x} V _x O ₃ solid solution system. Solid State Communications, 2002, 123, 305-310.	1.9	24
129	Nanoparticle routes to mesoporous titania thin films. Chemical Communications, 2001, , 1738-1739.	4.1	103
130	Cd(VO ₂) ₄ (SeO ₃) ₃ ·H ₂ O: A New Bimetallic Vanadium Selenite Compound with Heptacoordinated Cadmium Ion. Journal of Solid State Chemistry, 2001, 161, 23-30.	2.9	22
131	Atomic and Magnetic Long-Range Orderings in BaLaMRuO ₆ (M=Mg and Zn). Journal of Solid State Chemistry, 2000, 150, 383-390.	2.9	18
132	Micropatterned CdS Thin Films by Selective Solution Deposition Using Microcontact Printing Techniques. Chemistry of Materials, 2000, 12, 2059-2063.	6.7	31
133	Porous Crystal Formation from Polyoxometalate Building Blocks: Single-Crystal Structure of		