

Yury V Kolen'ko

List of Publications by Year in descending order

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128
papers

5,143
citations

81743

39
h-index

95083

68
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134
all docs

134
docs citations

134
times ranked

8112
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron encapsulated carbon nanotube composites embedded in alumina with enhanced magnetic properties. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110455.	1.9	2
2	Impact of non- A^{II} framework cation mixing on the structure and crystallization behavior of model high-level waste glasses. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3967-3985.	1.9	3
3	Polar Layered Intermetallic LaCo_2P_2 as a Water Oxidation Electrocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14120-14128.	4.0	4
4	Discovery of Colossal Breathing-Caloric Effect under Low Applied Pressure in the Hybrid Organic-Inorganic MIL-53(AI) Material. <i>Chemistry of Materials</i> , 2022, 34, 3323-3332.	3.2	13
5	In situ investigation of the CO_2 methanation on carbon/ceria-supported Ni catalysts using modulation-excitation DRIFTS. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121376.	10.8	20
6	Understanding the importance of N-doping for CNT-supported Ni catalysts for CO_2 methanation. <i>Carbon</i> , 2022, 195, 35-43.	5.4	15
7	Merging solution processing and printing for sustainable fabrication of $\text{Cu}(\text{In,Ga})\text{Se}_2$ photovoltaics. <i>Chemical Engineering Journal</i> , 2022, 442, 136188.	6.6	14
8	Deep Eutectic Solvent Synthesis of Perovskite Electrocatalysts for Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23277-23284.	4.0	8
9	Atomic structure of an FeCrMoCBy metallic glass revealed by high energy x-ray diffraction. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 285301.	0.7	2
10	As-Se Pentagonal Linkers to Induce Chirality and Polarity in Mixed-Valent Fe-Se Tetrahedral Chains Resulting in Hidden Magnetic Ordering. <i>Journal of the American Chemical Society</i> , 2022, 144, 11283-11295.	6.6	3
11	Pseudo-Polymorphism in Layered FeS Intercalates: A Competition between Charged and Neutral Guest Species. <i>Chemistry of Materials</i> , 2022, 34, 5397-5408.	3.2	4
12	Critical Review of Platinum Group Metal-Free Materials for Water Electrolysis: Transition from the Laboratory to the Market. <i>Johnson Matthey Technology Review</i> , 2021, 65, 207-226.	0.5	17
13	Large-Scale Synthesis of Semiconducting $\text{Cu}(\text{In,Ga})\text{Se}_2$ Nanoparticles for Screen Printing Application. <i>Nanomaterials</i> , 2021, 11, 1148.	1.9	10
14	Silane-based coating charged with TiO_2 NPs for dental implant applications. <i>Surface and Coatings Technology</i> , 2021, 413, 127066.	2.2	9
15	Atomic arrangements in an amorphous CoFeB ribbon extracted via an analysis of radial distribution functions. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 395801.	0.7	8
16	Photocatalytic-Fenton Process under Simulated Solar Radiation Promoted by a Suitable Catalyst Selection. <i>Catalysts</i> , 2021, 11, 885.	1.6	2
17	Compositional Fluctuations Mediated by Excess Tellurium in Bismuth Antimony Telluride Nanocomposites Yield High Thermoelectric Performance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20184-20194.	1.5	10
18	Eco-friendly and cost-efficient inks for screen-printed fabrication of copper indium gallium diselenide photoabsorber thin films. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 388-397.	5.0	13

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19	New Opportunity for Carbon-Supported Ni-based Electrocatalysts: Gas-Phase CO ₂ Methanation. <i>ChemCatChem</i> , 2021, 13, 4770-4779.	1.8	7
20	Electrocatalysis using nanomaterials. <i>Frontiers of Nanoscience</i> , 2021, 18, 343-420.	0.3	2
21	Magnetic properties of Fe ₂ O ₃ nanoparticles in a porous SiO ₂ shell for drug delivery. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 065301.	0.7	2
22	Large-scale aqueous synthesis of Cu(In,Ga)Se ₂ nanoparticles for photocatalytic degradation of ciprofloxacin. <i>Dalton Transactions</i> , 2021, 50, 16819-16828.	1.6	2
23	Combined experimental and theoretical study of acetylene semi-hydrogenation over Pd/Al ₂ O ₃ . <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1283-1296.	3.8	25
24	Synergistic Computational-Experimental Discovery of Highly Selective PtCu Nanocluster Catalysts for Acetylene Semihydrogenation. <i>ACS Catalysis</i> , 2020, 10, 451-457.	5.5	35
25	1D materials from ionic self-assembly in mixtures containing chromonic liquid crystal mesogens. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 23276-23285.	1.3	4
26	Discovery of Real-Space Topological Ferroelectricity in Metallic Transition Metal Phosphides. <i>Advanced Materials</i> , 2020, 32, e2003479.	11.1	13
27	Selectivity boost in partial hydrogenation of acetylene via atomic dispersion of platinum over ceria. <i>Catalysis Science and Technology</i> , 2020, 10, 7471-7475.	2.1	4
28	Structure of Manganese Oxide Nanoparticles Extracted via Pair Distribution Functions. <i>Condensed Matter</i> , 2020, 5, 19.	0.8	12
29	Efficient adsorption of endocrine-disrupting pesticides from water with a reusable magnetic covalent organic framework. <i>Microporous and Mesoporous Materials</i> , 2020, 307, 110523.	2.2	51
30	Scalable colloidal synthesis of Bi ₂ Te _{2.7} Se _{0.3} plate-like particles give access to a high-performing n-type thermoelectric material for low temperature application. <i>Nanoscale Advances</i> , 2020, 2, 5699-5709.	2.2	13
31	Tuning Fe-Se Tetrahedral Frameworks by a Combination of [Fe(en) ₃] ²⁺ Cations and Cl ⁻ Anions. <i>Inorganic Chemistry</i> , 2020, 59, 13353-13363.	1.9	9
32	The role of surface properties in CO ₂ methanation over carbon-supported Ni catalysts and their promotion by Fe. <i>Catalysis Science and Technology</i> , 2020, 10, 7217-7225.	2.1	21
33	Coagulating and flocculating ferrihydrite: application of zinc acetate salt. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2057-2064.	1.2	4
34	Enhanced magnetic properties of aluminum oxide nanopowder reinforced with carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	3
35	Defect Engineering for Enhancement of Thermoelectric Performance of (Zr, Hf)NiSn-Based n-type Half-Heusler Alloys. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8584-8593.	1.5	43
36	FeP Nanocatalyst with Preferential [010] Orientation Boosts the Hydrogen Evolution Reaction in Polymer-Electrolyte Membrane Electrolyzer. <i>Energy & Fuels</i> , 2020, 34, 6423-6429.	2.5	21

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37	Over 6% Efficient Cu(In,Ga)Se ₂ Solar Cell Screen-Printed from Oxides on Fluorine-Doped Tin Oxide. ACS Applied Energy Materials, 2020, 3, 3120-3126.	2.5	13
38	Enhanced oxygen evolution catalysis by aluminium-doped cobalt phosphide through <i>in situ</i> surface area increase. Catalysis Science and Technology, 2020, 10, 2398-2406.	2.1	18
39	Selective formic acid dehydrogenation at low temperature over a RuO ₂ /COF pre-catalyst synthesized on the gram scale. Catalysis Science and Technology, 2020, 10, 1991-1995.	2.1	25
40	Facile bulk synthesis of high performance \hat{I}^2 -Zn ₄ Sb ₃ for thermoelectric applications. Materials Letters, 2020, 265, 127428.	1.3	4
41	Crystallographic facet selective HER catalysis: exemplified in FeP and NiP ₂ single crystals. Chemical Science, 2020, 11, 5007-5016.	3.7	51
42	Structural properties of PbTe quantum dots revealed by high-energy x-ray diffraction. Journal of Physics Condensed Matter, 2020, 32, 485401.	0.7	7
43	Enhanced Thermoelectric Performance in Hf-Free p-Type (Ti, Zr)CoSb Half-Heusler Alloys. Journal of Electronic Materials, 2019, 48, 6700-6709.	1.0	29
44	Spinodal decomposition in (Ti, Zr)CoSb half-Heusler: A nanostructuring route toward high efficiency thermoelectric materials. Journal of Applied Physics, 2019, 126, .	1.1	20
45	Effectiveness and Safety of a Nontargeted Boost for a CXCR4-Targeted Magnetic Hyperthermia Treatment of Cancer Cells. ACS Omega, 2019, 4, 1931-1940.	1.6	10
46	Electrocatalytic water oxidation over AlFe ₂ B ₂ . Chemical Science, 2019, 10, 2796-2804.	3.7	52
47	Template-directed self-organization of colloidal PbTe nanocrystals into pillars, conformal coatings, and self-supported membranes. Nanoscale Advances, 2019, 1, 3049-3055.	2.2	7
48	Bimetallic Fe/Al system: An all-in-one solid-phase Fenton reagent for generation of hydroxyl radicals under oxic conditions. Science of the Total Environment, 2019, 673, 480-488.	3.9	25
49	Recyclable magnetic covalent organic framework for the extraction of marine biotoxins. Nanoscale, 2019, 11, 6072-6079.	2.8	57
50	NiP ₂ : A Story of Two Divergent Polymorphic Multifunctional Materials. Chemistry of Materials, 2019, 31, 3407-3418.	3.2	52
51	Quantitative determination of magnetite and maghemite in iron oxide nanoparticles using Mössbauer spectroscopy. SN Applied Sciences, 2019, 1, 1.	1.5	48
52	Zero-dimensional cesium lead halide perovskites: Phase transformations, hybrid structures, and applications. Journal of Solid State Chemistry, 2019, 271, 361-377.	1.4	28
53	Superstructural Ordering in Hexagonal CuInSe ₂ Nanoparticles. Chemistry of Materials, 2019, 31, 260-267.	3.2	20
54	Sci-fi Miners. , 2019, , .		2

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55	Al-Induced In Situ Formation of Highly Active Nanostructured Water-Oxidation Electrocatalyst Based on Ni-Phosphide. <i>ACS Catalysis</i> , 2018, 8, 2595-2600.	5.5	67
56	Combining CXCR4-targeted and nontargeted nanoparticles for effective unassisted in vitro magnetic hyperthermia. <i>Biointerphases</i> , 2018, 13, 011005.	0.6	9
57	Structure-Activity Relationships for Pt-Free Metal Phosphide Hydrogen Evolution Electrocatalysts. <i>Chemistry - A European Journal</i> , 2018, 24, 7298-7311.	1.7	83
58	Optimized Magnetodielectric Coupling on High-Temperature Polymer-Based Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1821-1827.	1.5	9
59	Probing of Thermal Transport in 50 nm Thick PbTe Nanocrystal Films by Time-Domain Thermoreflectance. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27127-27134.	1.5	15
60	Frontispiece: Structure-Activity Relationships for Pt-Free Metal Phosphide Hydrogen Evolution Electrocatalysts. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
61	Emerging nanostructured electrode materials for water electrolysis and rechargeable beyond Li-ion batteries. <i>Advances in Physics: X</i> , 2017, 2, 211-253.	1.5	25
62	Spin structure, magnetism, and cation distributions of NiFe _{2-2x} Al _x O ₄ solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 433, 155-161.	1.0	9
63	Magnetite Nanoparticles for Stem Cell Labeling with High Efficiency and Long-Term in Vivo Tracking. <i>Bioconjugate Chemistry</i> , 2017, 28, 362-370.	1.8	41
64	Discussion about the use of the volume specific surface area (VSSA) as a criterion to identify nanomaterials according to the EU definition. Part two: experimental approach. <i>Nanoscale</i> , 2017, 9, 14952-14966.	2.8	11
65	Interface Engineering in Nanostructured Nickel Phosphide Catalyst for Efficient and Stable Water Oxidation. <i>ACS Catalysis</i> , 2017, 7, 5450-5455.	5.5	74
66	Combination of Microfluidic Loop-Mediated Isothermal Amplification with Gold Nanoparticles for Rapid Detection of Salmonella spp. in Food Samples. <i>Frontiers in Microbiology</i> , 2017, 8, 2159.	1.5	48
67	Efficient artificial mineralization route to decontaminate Arsenic(III) polluted water - the Tooeleite Way. <i>Scientific Reports</i> , 2016, 6, 26031.	1.6	18
68	Influence of the separation procedure on the properties of magnetic nanoparticles: Gaining in vitro stability and T ₁ -T ₂ magnetic resonance imaging performance. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 229-236.	5.0	22
69	Characterization of the [3Fe-4S] ^{0/1+} cluster from the D14C variant of Pyrococcus furiosus ferredoxin via combined NRVS and DFT analyses. <i>Dalton Transactions</i> , 2016, 45, 7215-7219.	1.6	8
70	Electrocatalytic Performance and Stability of Nanostructured Fe-Ni Pyrite-Type Diphosphide Catalyst Supported on Carbon Paper. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16537-16544.	1.5	53
71	From Chromonic Self-Assembly to Hollow Carbon Nanofibers: Efficient Materials in Supercapacitor and Vapor-Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31231-31238.	4.0	43
72	Magnetic Nanocolloids. , 2016, , 75-129.		3

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73	Relevant Parameters for Magnetic Hyperthermia in Biological Applications: Agglomeration, Concentration, and Viscosity. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	1.2	9
74	GeAs: Highly Anisotropic van der Waals Thermoelectric Material. <i>Chemistry of Materials</i> , 2016, 28, 2776-2785.	3.2	78
75	Magnetization and stability study of a cobalt-ferrite-based ferrofluid. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 404, 143-147.	1.0	23
76	One-Step Synthesis of Self-Supported Nickel Phosphide Nanosheet Array Cathodes for Efficient Electrocatalytic Hydrogen Generation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8188-8192.	7.2	494
77	One-Step Synthesis of Self-Supported Nickel Phosphide Nanosheet Array Cathodes for Efficient Electrocatalytic Hydrogen Generation. <i>Angewandte Chemie</i> , 2015, 127, 8306-8310.	1.6	86
78	Straightforward phase-transfer route to colloidal iron oxide nanoparticles for protein immobilization. <i>RSC Advances</i> , 2015, 5, 47954-47958.	1.7	6
79	Analytical Protocols for Separation and Electron Microscopy of Nanoparticles Interacting with Bacterial Cells. <i>Analytical Chemistry</i> , 2015, 87, 4641-4648.	3.2	27
80	NsrR from <i>Streptomyces coelicolor</i> Is a Nitric Oxide-sensing [4Fe-4S] Cluster Protein with a Specialized Regulatory Function. <i>Journal of Biological Chemistry</i> , 2015, 290, 12689-12704.	1.6	77
81	Direct solvothermal phosphorization of nickel foam to fabricate integrated Ni ₂ P-nanorods/Ni electrodes for efficient electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2015, 51, 6738-6741.	2.2	149
82	Up-scaling the synthesis of Cu ₂ O submicron particles with controlled morphologies for solar H ₂ evolution from water. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 219-227.	5.0	20
83	Tailored Magnetic and Magnetoelectric Responses of Polymer-Based Composites. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15017-15022.	4.0	111
84	A Systematic Study of the Structural and Magnetic Properties of Mn-, Co-, and Ni-Doped Colloidal Magnetite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11947-11957.	1.5	93
85	Design and Synthesis of Highly Active Al-Ni-P Foam Electrode for Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2015, 5, 6503-6508.	5.5	98
86	Quasi-Three-Coordinate Iron and Cobalt Terphenoxide Complexes {Ar ²⁺ Pr ₈ OM(1/4-O)} ₂ (Ar ²⁺ Pr ₈) ₂ (Ar ²⁺ Pr ₈) ₂ = Tj ETQq0 0 0 rgBT /Overlo	1.9	8
87	2-Oxepinoxy Relevant to Benzene Oxidation. <i>Inorganic Chemistry</i> , 2015, 54, 8914-8922. Multiple emulsions as soft templates for the synthesis of multifunctional silicone porous particles. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 235-243.	5.0	9
88	The M1 Phase of MoVTenBo as a Catalyst for Olefin Metathesis and Isomerization. <i>ChemCatChem</i> , 2014, 6, 3338-3341.	1.8	4
89	High-Temperature Magnetism as a Probe for Structural and Compositional Uniformity in Ligand-Capped Magnetite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28322-28329.	1.5	26
90	Microbeads and Hollow Microcapsules Obtained by Self-Assembly of Pickering Magneto-Responsive Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16851-16858.	4.0	57

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91	Large-Scale Synthesis of Colloidal Fe ₃ O ₄ Nanoparticles Exhibiting High Heating Efficiency in Magnetic Hyperthermia. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8691-8701.	1.5	226
92	Chemical Excision of Tetrahedral FeSe ₂ Chains from the Superconductor FeSe: Synthesis, Crystal Structure, and Magnetism of Fe ₃ Se ₄ (en) ₂ . <i>Journal of the American Chemical Society</i> , 2013, 135, 19111-19114.	6.6	38
93	Observation of the Fe $\tilde{\nu}$;CN and Fe $\tilde{\nu}$;CO Vibrations in the Active Site of [NiFe] Hydrogenase by Nuclear Resonance Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 724-728.	7.2	60
94	Multifunctionality of Crystalline MoV(TeNb) M1 Oxide Catalysts in Selective Oxidation of Propane and Benzyl Alcohol. <i>ACS Catalysis</i> , 2013, 3, 1103-1113.	5.5	50
95	Orientational order of self-assembled magnetic nanocrystals. <i>Physical Review B</i> , 2012, 85, .	1.1	5
96	A New Way of Probing Reaction Networks: Analyzing Multidimensional Parameter Space. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 161-169.	0.6	14
97	Magnetization Drop at High Temperature in Oleic Acid-Coated Magnetite Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 3307-3310.	1.2	9
98	Defect controlled room temperature ferromagnetism in Co-doped barium titanate nanocrystals. <i>Nanotechnology</i> , 2012, 23, 025702.	1.3	27
99	Unusual Phase Evolution in MoVTeNb Oxide Catalysts Prepared by a Novel Acrylamide-Gelation Route. <i>ChemCatChem</i> , 2012, 4, 495-503.	1.8	12
100	Surface chemistry of phase-pure M1 MoVTeNb oxide during operation in selective oxidation of propane to acrylic acid. <i>Journal of Catalysis</i> , 2012, 285, 48-60.	3.1	149
101	Synthesis of MoVTeNb Oxide Catalysts with Tunable Particle Dimensions. <i>ChemCatChem</i> , 2011, 3, 1597-1606.	1.8	45
102	Reinforcing of a Calcium Phosphate Cement with Hydroxyapatite Crystals of Various Morphologies. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3276-3284.	4.0	46
103	Sn ₄ As ₃ revisited: Solvothermal synthesis and crystal and electronic structure. <i>Journal of Solid State Chemistry</i> , 2009, 182, 630-639.	1.4	24
104	Rational synthesis of a nanocrystalline calcium phosphate cement exhibiting rapid conversion to hydroxyapatite. <i>Materials Science and Engineering C</i> , 2009, 29, 2124-2132.	3.8	24
105	An Effective Morphology Control of Hydroxyapatite Crystals via Hydrothermal Synthesis. <i>Crystal Growth and Design</i> , 2009, 9, 466-474.	1.4	259
106	Mössbauer and magnetization studies of iron oxide nanocrystals. <i>Hyperfine Interactions</i> , 2008, 183, 49-53.	0.2	28
107	A Novel, Controlled, and High-Yield Solvothermal Drying Route to Nanosized Barium Titanate Powders. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7306-7318.	1.5	66
108	The lithium extraction/insertion mechanism in Li ₂ FeSiO ₄ . <i>Journal of Materials Chemistry</i> , 2006, 16, 2266-2272.	6.7	278

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109	Hydrothermal Synthesis and Characterization of Nanorods of Various Titanates and Titanium Dioxide. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4030-4038.	1.2	278
110	Direct Observation of Ferroelectricity in Quasi-Zero-Dimensional Barium Titanate Nanoparticles. <i>Small</i> , 2006, 2, 1427-1431.	5.2	26
111	Morphological features and ion-exchange properties of the H-form of todorokite. <i>Doklady Chemistry</i> , 2006, 409, 101-105.	0.2	0
112	A facile high-yield solvothermal route to tin phosphide Sn4P3. <i>Journal of Solid State Chemistry</i> , 2006, 179, 3756-3762.	1.4	60
113	Photocatalytic activity of sol-gel derived titania converted into nanocrystalline powders by supercritical drying. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 172, 19-26.	2.0	57
114	Hydrothermal synthesis of one-dimensional (1D) Na_xTiO_2 nanostructures. <i>Russian Chemical Bulletin</i> , 2005, 54, 71-74.	0.4	2
115	Synthesis of hydroxyapatite by hydrolysis of $\text{Ca}_3(\text{PO}_4)_2$. <i>Russian Chemical Bulletin</i> , 2005, 54, 79-86.	0.4	29
116	Structural, Textural, and Electronic Properties of a Nanosized Mesoporous $\text{Zn}_x\text{Ti}_{1-x}\text{O}_2$ Solid Solution Prepared by a Supercritical Drying Route. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20303-20309.	1.2	43
117	Photocatalytic properties of titania powders prepared by hydrothermal method. <i>Applied Catalysis B: Environmental</i> , 2004, 54, 51-58.	10.8	195
118	Reactivity of Nanocrystalline TiO_2 (Anatase and Rutile) Synthesized under Hydrothermal Conditions. <i>Doklady Chemistry</i> , 2004, 394, 36-38.	0.2	3
119	Magnetic Properties of TiCo_2Se_2 Studied by Mössbauer Spectroscopy. <i>Hyperfine Interactions</i> , 2004, 156/157, 315-319.	0.2	2
120	Phase Composition of Nanocrystalline Titania Synthesized under Hydrothermal Conditions from Different Titanyl Compounds. <i>Inorganic Materials</i> , 2004, 40, 822-828.	0.2	16
121	Hydrothermal synthesis of nanocrystalline and mesoporous titania from aqueous complex titanyl oxalate acid solutions. <i>Chemical Physics Letters</i> , 2004, 388, 411-415.	1.2	82
122	Tunneling Magnetoresistance of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Ceramics Obtained by Complexonate Homogenization. <i>Doklady Chemistry</i> , 2003, 392, 246-250.	0.2	0
123	Synthesis of ZrO_2 and TiO_2 nanocrystalline powders by hydrothermal process. <i>Materials Science and Engineering C</i> , 2003, 23, 1033-1038.	3.8	33
124	Synthesis of nanocrystalline TiO_2 powders from aqueous TiOSO_4 solutions under hydrothermal conditions. <i>Materials Letters</i> , 2003, 57, 1124-1129.	1.3	99
125	Title is missing!. <i>Inorganic Materials</i> , 2002, 38, 252-255.	0.2	22
126	Title is missing!. <i>Doklady Chemistry</i> , 2002, 385, 175-177.	0.2	9

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127	Synthesis of Nanostructured Iron Oxide(III) Powders by Rapid Expansion of Supercritical Fluid Solutions. Materials Research Society Symposia Proceedings, 1998, 520, 171.	0.1	6
128	Structural Properties of Nanometerâ€Sized Gold Nanoparticles on a Silicon Substrate. Physica Status Solidi (B): Basic Research, 0, , 2100572.	0.7	2