Guangshe Li

List of Publications by Year
in descending order

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149 papers	5,022 citations	87888 38 h-index	114465 63 g-index
149 all docs	149 docs citations	149 times ranked	7028 citing authors

#	Article	IF	Citations
1	Synthesis and Optimum Luminescence of CaWO₄-Based Red Phosphors with Codoping of Eu³⁺and Na⁺. Chemistry of Materials, 2008, 20, 6060-6067.	6.7	317
2	Synthesis of High-Quality Brookite TiO₂ Single-Crystalline Nanosheets with Specific Facets Exposed: Tuning Catalysts from Inert to Highly Reactive. Journal of the American Chemical Society, 2012, 134, 8328-8331.	13.7	251
3	Origin of the Enhanced Photocatalytic Activities of Semiconductors: A Case Study of ZnO Doped with Mg²⁺. Journal of Physical Chemistry C, 2008, 112, 12242-12248.	3.1	229
4	Anchoring High-Concentration Oxygen Vacancies at Interfaces of CeO_{2â€“x}/Cu toward Enhanced Activity for Preferential CO Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 22999-23007.	8.0	173
5	Atomicâ€Scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co₃O₄/La_{0.3}Sr_{0.7}CoO₃. Angewandte Chemie - International Edition, 2019, 58, 11720-11725.	13.8	140
6	Hybridization of brookite TiO₂ with g-C₃N₄: a visible-light-driven photocatalyst for As³⁺ oxidation, MO degradation and water splitting for hydrogen evolution. Journal of Materials Chemistry A, 2014, 2, 15774-15780.	10.3	117
7	Nature of Catalytic Activities of CoO Nanocrystals in Thermal Decomposition of Ammonium Perchlorate. Inorganic Chemistry, 2008, 47, 8839-8846.	4.0	112
8	Fabrication of Agâ€“CeO2 coreâ€“shell nanospheres with enhanced catalytic performance due to strengthening of the interfacial interactions. Journal of Materials Chemistry, 2012, 22, 10480.	6.7	98
9	Facile synthesis of composite g-C3N4/WO3: a nontoxic photocatalyst with excellent catalytic activity under visible light. RSC Advances, 2013, 3, 13646.	3.6	95
10	In situ synthesis of NIR-light emitting carbon dots derived from spinach for bio-imaging applications. Journal of Materials Chemistry B, 2017, 5, 7328-7334.	5.8	93
11	Unprecedented catalytic performance in amine syntheses via Pd/g-C₃N₄ catalyst-assisted transfer hydrogenation. Green Chemistry, 2018, 20, 2038-2046.	9.0	91
12	Black Phosphorus-Modified Co₃O₄ through Tuning the Electronic Structure for Enhanced Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2019, 11, 17459-17466.	8.0	87
13	Preferential Neighboring Substitution-Triggered Full Visible Spectrum Emission in Single-Phased Ca_{10.5â€“x}Mg_x(PO₄)₇:Eu²⁺ Phosphors for High Color-Rendering White LEDs. ACS Applied Materials & Interfaces, 2018, 10, 33322-33334.	8.0	84
14	Preparation and polymorph-sensitive luminescence properties of BiPO4:Eu, Part I: room-temperature reaction followed by a heat treatment. CrystEngComm, 2011, 13, 6251.	2.6	78
15	Low-concentration donor-doped LiCoO2 as a high performance cathode material for Li-ion batteries to operate between â¯10.4 and 45.4 Â°C. Journal of Materials Chemistry, 2012, 22, 22233.	6.7	76
16	Surface doping for photocatalytic purposes: relations between particle size, surface modifications, and photoactivity of SnO₂:Zn²⁺nanocrystals. Nanotechnology, 2009, 20, 155706.	2.6	67
17	Activation of Surface Oxygen Sites in a Cobalt-Based Perovskite Model Catalyst for CO Oxidation. Journal of Physical Chemistry Letters, 2018, 9, 4146-4154.	4.6	67
18	Preparation of cereal-like Y V O₄:Ln^{3 +}(Ln = Sm, Eu, Tb, Dy) for high quantum efficiency photoluminescence. Nanotechnology, 2010, 21, 195601.	2.6	66

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19	Pressureâ€Driven Eu²⁺â€Doped BaLi₂Al₂Si₂N₆: A New Color Tunable Narrowâ€Band Emission Phosphor for Spectroscopy and Pressure Sensor Applications. Advanced Functional Materials, 2020, 30, 2001384.	14.9	63
20	Hydrothermal-Assisted Synthesis of Li-Rich Layered Oxide Microspheres with High Capacity and Superior Rate-capability as a Cathode for Lithium-ion Batteries. Electrochimica Acta, 2015, 173, 7-16.	5.2	62
21	Atomic-scale control of TiO6 octahedra through solution chemistry towards giant dielectric response. Scientific Reports, 2014, 4, 6582.	3.3	62
22	Chemical modifications of red phosphor LaPO₄:Eu3+nanorods to generate white light. Journal of Materials Chemistry, 2010, 20, 459-465.	6.7	61
23	Control Over the Crystallinity and Defect Chemistry of YVO₄ Nanocrystals for Optimum Photocatalytic Property. European Journal of Inorganic Chemistry, 2011, 2011, 2211-2220.	2.0	61
24	Î´-MnO₂â€“Mn₃O₄ Nanocomposite for Photochemical Water Oxidation: Active Structure Stabilized in the Interface. ACS Applied Materials & Interfaces, 2016, 8, 27825-27831.	8.0	60
25	Valence Characteristics and Structural Stabilities of the Electrolyte Solid Solutions Ce1-xRExO2-Î´ (RE) Tj ETQq1 1 0.784314 rgBT /Ove	6.7	59
26	Generation of tunable wavelength lights in core-shell CaWO4 microspheres via co-doping with Na+ and Ln3+ (Ln = Tb, Sm, Dy, Eu). Journal of Materials Chemistry, 2009, 19, 2316.	6.7	58
27	Solid Solubility and Transport Properties of Nanocrystalline(CeO2)1-x(BiO1.5)xby Hydrothermal Conditions. Chemistry of Materials, 1999, 11, 1259-1266.	6.7	57
28	Nature of the abnormal band gap narrowing in highly crystalline Zn1â^'xCoxO nanorods. Applied Physics Letters, 2006, 88, 114103.	3.3	56
29	Optimum Preferential Oxidation Performance of CeO₂â€“CuO_xâ€“RGO Composites through Interfacial Regulation. ACS Applied Materials & Interfaces, 2018, 10, 7935-7945.	8.0	55
30	Co₃O₄â€“CuCoO₂ Nanomesh: An Interface-Enhanced Substrate that Simultaneously Promotes CO Adsorption and O₂ Activation in H₂ Purification. ACS Applied Materials & Interfaces, 2019, 11, 6042-6053.	8.0	55
31	Facile synthesis of Fe4N/Fe2O3/Fe/porous N-doped carbon nanosheet as high-performance anode for lithium-ion batteries. Journal of Power Sources, 2018, 384, 34-41.	7.8	51
32	Graphene nanoribbons generate a strong third-order nonlinear optical response upon intercalating hexagonal boron nitride. Journal of Materials Chemistry C, 2014, 2, 1482.	5.5	47
33	Ultrathin LiCoO₂ Nanosheets: An Efficient Water-Oxidation Catalyst. ACS Applied Materials & Interfaces, 2017, 9, 7100-7107.	8.0	47
34	A novel coreâ€“double shell heterostructure derived from a metalâ€“organic framework for efficient HER, OER and ORR electrocatalysis. Inorganic Chemistry Frontiers, 2020, 7, 191-197.	6.0	45
35	Fabrication of assembled-spheres YVO4:(Ln3+, Bi3+) towards optically tunable emission. CrystEngComm, 2012, 14, 2062.	2.6	44
36	Remarkable Improvement in Photocatalytic Performance for Tannery Wastewater Processing via SnS₂ Modified with Nâ€Doped Carbon Quantum Dots: Synthesis, Characterization, and 4â€Nitrophenolâ€Aided Cr(VI) Photoreduction. Small, 2019, 15, e1804515.	10.0	44

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37	Correlation between size-induced lattice variations and yellow emission shift in ZnO nanostructures. Applied Physics Letters, 2005, 87, 124101.	3.3	42
38	A high-yield and versatile method for the synthesis of carbon dots for bioimaging applications. Journal of Materials Chemistry B, 2017, 5, 1935-1942.	5.8	42
39	Hydrothermal synthesis and characterization of nanocrystalline pyrochlore oxides M2Sn2O7 (M = La,) Tj ETQq1 1 0.784314 rgBT /Ove	6.7	37
40	A bridge role of Tb3+ in broadband excited Sr3Y(PO4)3:Ce3+, Tb3+, Sm3+ phosphors with superior thermal stability. Materials and Design, 2017, 118, 245-255.	7.0	37
41	In Situ Synthesis of Mn₃O₄ Nanoparticles on Hollow Carbon Nanofiber as Highâ€Performance Lithiumâ€Ion Battery Anode. Chemistry - A European Journal, 2018, 24, 9632-9638.	3.3	37
42	Reconstructing the Surface Structure of Li-Rich Cathodes for High-Energy Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 19950-19958.	8.0	37
43	A LiPF₆-electrolyte-solvothermal route for the synthesis of LiF/Li_xPF_yO_z-coated Li-rich cathode materials with enhanced cycling stability. Journal of Materials Chemistry A, 2019, 7, 23149-23161.	10.3	37
44	Tailoring the nanoscale boundary cavities in rutile TiO2 hierarchical microspheres for giant dielectric performance. Journal of Materials Chemistry, 2010, 20, 8659.	6.7	36
45	Growth Kinetics, Cation Occupancy, and Magnetic Properties of Multimetal Oxide Nanoparticles: A Case Study on Spinel NiFe₂O₄. Journal of Physical Chemistry C, 2017, 121, 19467-19477.	3.1	36
46	pH-driven hydrothermal synthesis and formation mechanism of all BiPO4 polymorphs. CrystEngComm, 2012, 14, 7907.	2.6	33
47	A novel approach to composite electrode 0.3Li2MnO3â€“0.7LiMn1/3Ni1/3Co1/3O2 in lithium-ion batteries with an anomalous capacity and cycling stability at 45.4 Â°C. Scripta Materialia, 2012, 66, 300-303.	5.2	33
48	Insights into the roles of organic coating in tuning the defect chemistry of monodisperse TiO2 nanocrystals for tailored properties. Physical Chemistry Chemical Physics, 2010, 12, 10857.	2.8	31
49	An ultra-stable nanosized Ce_{0.9}Fe_{0.1}O₂solid solution with an excellent catalytic performance towards CH₄oxidation. Journal of Materials Chemistry A, 2013, 1, 374-380.	10.3	30
50	A Study on Storage Characteristics of Pristine Li-rich Layered Oxide Li 1.20 Mn 0.54 Co 0.13 Ni 0.13 O 2 : Effect of Storage Temperature and Duration. Electrochimica Acta, 2015, 154, 249-258.	5.2	30
51	Supersaturated spontaneous nucleation to TiO2 microspheres: synthesis and giant dielectric performance. Chemical Communications, 2010, 46, 3113.	4.1	28
52	Crystal Growth of Bimetallic Oxides CuMnO₂ with Tailored Valence States for Optimum Electrochemical Energy Storage. Crystal Growth and Design, 2018, 18, 6107-6116.	3.0	28
53	Fe3+ doped amorphous Co2BOy(OH)z with enhanced activity for oxygen evolution reaction. Electrochimica Acta, 2018, 280, 1-8.	5.2	28
54	Facile synthesis of Mn2.1V0.9O4/rGO: A novel high-rate anode material for lithium-ion batteries. Journal of Power Sources, 2019, 426, 197-204.	7.8	28

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55	A facile strategy to fabricate V2O3/Porous N-doped carbon nanosheet framework as high-performance anode for lithium-ion batteries. Journal of Alloys and Compounds, 2019, 789, 288-294.	5.5	28
56	Exploring the unique electrical properties of metastable BiPO₄through switchable phase transitions. CrystEngComm, 2013, 15, 609-615.	2.6	27
57	MgAl2O4 nanoparticles: A new low-density additive for accelerating thermal decomposition of ammonium perchlorate. RSC Advances, 2011, 1, 1808.	3.6	26
58	Atomicâ€Scale Insights into Surface Lattice Oxygen Activation at the Spinel/Perovskite interface of Co 3 O 4 /La 0.3 Sr 0.7 CoO 3. Angewandte Chemie, 2019, 131, 11846-11851.	2.0	26
59	CsCu₂I₃ Nanocrystals: Growth and Structural Evolution for Tunable Light Emission. ACS Omega, 2021, 6, 544-552.	3.5	26
60	Highly Luminescent CsPbX₃ (X=Cl, Br, I) Nanocrystals Achieved by a Rapid Anion Exchange at Room Temperature. Chemistry - A European Journal, 2018, 24, 1898-1904.	3.3	25
61	Morphology engineering of nickel molybdate hydrate nanoarray for electrocatalytic overall water splitting: from nanorod to nanosheet. RSC Advances, 2018, 8, 35131-35138.	3.6	25
62	Solvent-driven polymorphic control of CdWO4 nanocrystals for photocatalytic performances. New Journal of Chemistry, 2012, 36, 1852.	2.8	24
63	Heterosturcture NiO/Ce1â^'xNixO2: synthesis and synergistic effect of simultaneous surface modification and internal doping for superior catalytic performance. RSC Advances, 2014, 4, 6397.	3.6	24
64	Fast synthesis of Co_{1.8}V_{1.2}O₄/rGO as a high-rate anode material for lithium-ion batteries. Chemical Communications, 2018, 54, 7689-7692.	4.1	24
65	Site occupancy and tunable photoluminescence properties of Eu2+-Activated Ba3Sc(BO3)3 phosphors for white light emitting diodes. Journal of Alloys and Compounds, 2020, 815, 152645.	5.5	23
66	In Situ Growth of Amorphous NiFe Hydroxides on Spinel NiFe₂O₄ via Ultrasonic-Assisted Reduction for an Enhanced Oxygen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 17194-17200.	6.7	23
67	Carbon coated Li3VO4 microsphere: Ultrafast solvothermal synthesis and excellent performance as lithium-ion battery anode. Journal of Power Sources, 2021, 493, 229680.	7.8	23
68	Coupled Heterojunction Sn₂Ta₂O₇@SnO₂: Cooperative Promotion of Effective Electronâ€“Hole Separation and Superior Visible-light Absorption. ACS Applied Materials & Interfaces, 2015, 7, 13905-13914.	8.0	22
69	Nanosized amorphous tantalum oxide: a highly efficient photocatalyst for hydrogen evolution. Research on Chemical Intermediates, 2017, 43, 5011-5024.	2.7	22
70	CdO-CuO-TiO2 ternary dielectric systems: Subsolidus phase diagram and the effects of Cu segregation. Journal of the European Ceramic Society, 2018, 38, 4978-4985.	5.7	22
71	Partial surface phase transformation of Li3VO4 that enables superior rate performance and fast lithium-ion storage. Tungsten, 2019, 1, 276-286.	4.8	22
72	LiMO2 (MÂ=ÂMn, Co, Ni) hexagonal sheets with (101) facets for ultrafast chargingâ€“discharging lithium ion batteries. Journal of Power Sources, 2015, 276, 238-246.	7.8	20

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73	In Situ Growth of MoS₂ Nanosheet Arrays and TS₂ (T = Fe, Co, and Ni) Nanocubes onto Molybdate for Efficient Oxygen Evolution Reaction and Improved Hydrogen Evolution Reaction. ACS Omega, 2018, 3, 464-471.	3.5	20
74	Unveiling the Impact of the Polypyrrole Coating Layer Thickness on the Electrochemical Performances of LiNi_{0.5}Co_{0.2}Mn_{0.3}O₂ in Liâ€“Ion Battery. ChemistrySelect, 2019, 4, 6354-6360.	1.5	20
75	Direct synthesis of carbon-coated Li4Ti5O12 mesoporous nanoparticles for high-rate lithium-ion batteries. RSC Advances, 2013, 3, 3088.	3.6	19
76	Tunable photoluminescence properties and energy transfer of Ca5(BO3)3F: Tb3+/Eu3+ phosphors for solid state lighting. Journal of Luminescence, 2019, 208, 155-163.	3.1	19
77	A survey of current trends in computational predictions of protein-protein interactions. Frontiers of Computer Science, 2020, 14, 1.	2.4	19
78	Understanding the defect chemistry of oxide nanoparticles for creating new functionalities: A critical review. Science China Chemistry, 2011, 54, 876-886.	8.2	18
79	Eu3+-doped Y2O3 hexagonal prisms: Shape-controlled synthesis and tailored luminescence properties. Journal of Alloys and Compounds, 2015, 647, 648-659.	5.5	18
80	Electron competitive migration regulating for dual maxima of water photolysis. RSC Advances, 2016, 6, 995-1003.	3.6	18
81	Surface hydroxylation induced by alkaline-earth metal doping in NiO nanocrystals and its application in achieving a wide temperature operation window for preferential CO oxidation. Environmental Science: Nano, 2018, 5, 2368-2381.	4.3	18
82	Topological transformation of LDH nanosheets to highly dispersed PtNiFe nanoalloys enhancing CO oxidation performance. Nanoscale, 2020, 12, 14882-14894.	5.6	18
83	Migration of cations in layered oxides for creating a highly active interface toward CO preferential oxidation. Journal of Materials Chemistry A, 2021, 9, 12623-12635.	10.3	18
84	Manipulating Surface Termination of Perovskite Manganate for Oxygen Activation. Advanced Functional Materials, 2021, 31, 2006439.	14.9	18
85	Uncovering the structural stabilities of the functional bismuth containing oxides: a case study of Î±-Bi₂O₃nanoparticles in aqueous solutions. New Journal of Chemistry, 2011, 35, 197-203.	2.8	17
86	Amorphous tantalum oxyhydroxide homojunction: In situ construction for enhanced hydrogen production. Journal of Colloid and Interface Science, 2018, 525, 196-205.	9.4	17
87	Organic titanates: a model for activating rapid room-temperature synthesis of shape-controlled CsPbBr₃ nanocrystals and their derivatives. Chemical Communications, 2018, 54, 3863-3866.	4.1	17
88	Predicting Protein Interactions Using a Deep Learning Method-Stacked Sparse Autoencoder Combined with a Probabilistic Classification Vector Machine. Complexity, 2018, 2018, 1-12.	1.6	17
89	Bonding the Terminal Isocyanate-Related Functional Group to the Surface Manganese Ions to Enhance Li-Rich Cathodeâ€™s Cycling Stability. ACS Applied Materials & Interfaces, 2021, 13, 17565-17576.	8.0	17
90	TaCxOy: A photocatalytic promoter on g-C3N4 for visible-light Cr6+ reduction. Catalysis Communications, 2019, 119, 129-133.	3.3	16

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91	Ce0.9Fe0.1O1.97/Ag: a cheaper inverse catalyst with excellent oxygen storage capacity and improved activity towards CO oxidation. Catalysis Science and Technology, 2014, 4, 402-410.	4.1	15
92	Searching for cheaper catalysts with high activity and stability in Ceâ€“Mâ€“O systems (M = Fe, Co, Ni). Catalysis Science and Technology, 2014, 4, 3368-3378.	4.1	15
93	Synthesis of a Ternary Thiostannate with 3D Channel Decorated by Hydronium for High Proton Conductivity. Inorganic Chemistry, 2017, 56, 208-212.	4.0	15
94	Exploration of spin state and exchange integral of cobalt ions in stoichiometric ZnCo2O4 spinel oxides. Applied Physics Letters, 2016, 108, .	3.3	14
95	Tunable green/red dual-mode luminescence via energy management in core-multishell nanoparticles. Materials and Design, 2018, 152, 119-128.	7.0	14
96	Anion De/Intercalation in Nickel Hydroxychloride Microspheres: A Mechanistic Study of Structural Impact on Energy Storage Performance of Multianion-Containing Layered Materials. ACS Applied Energy Materials, 2018, 1, 1522-1533.	5.1	14
97	Architecture of Biomimetic Water Oxidation Catalyst with Mn₄CaO₅ Clusterlike Structure Unit. ACS Applied Materials & Interfaces, 2018, 10, 37948-37954.	8.0	14
98	A symbiotic hetero-nanocomposite that stabilizes unprecedented CaCl₂-type TiO₂ for enhanced solar-driven hydrogen evolution reaction. Chemical Science, 2019, 10, 8323-8330.	7.4	14
99	F doped Li3VO4: An advanced anode material with optimized rate capability and durable lifetime. Electrochimica Acta, 2020, 354, 136655.	5.2	14
100	In situ synthesis of V₂O₃ nanorods anchored on reduced graphene oxide as highâ€performance lithium ion battery anode. ChemistrySelect, 2018, 3, 12108-12112.	1.5	13
101	Inheriting morphology and photoluminescence properties of MgO nanoplates. Journal of Materials Research, 2007, 22, 908-912.	2.6	12
102	Advances of solution chemistry in stabilizing different crystal phases of inorganic nano-compounds. CrystEngComm, 2016, 18, 9209-9222.	2.6	12
103	Phosphotungstic acid binding in situ to K4Nb6O17 for the effective adsorption-photocatalytic removal of tetracycline. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	12
104	Tetracycline Removal Under Solar Illumination Over Ag₃VO₄/mpgâ€C₃N₄ Heterojunction Photocatalysts. Photochemistry and Photobiology, 2019, 95, 501-511.	2.5	12
105	Control of dielectric properties in bismuth ferrite multiferroic by compacting pressure. Materials Chemistry and Physics, 2021, 258, 123925.	4.0	12
106	Solvothermal synthesis of hierarchical SnIn4S8 microspheres and their application in photocatalysis. Research on Chemical Intermediates, 2011, 37, 297-307.	2.7	10
107	Enhancement of thermal stability in bismuth phosphate by Ln3+ doping for tailored luminescence properties. CrystEngComm, 2014, 16, 5040.	2.6	10
108	Crystalline-to-amorphous transformation of tantalum-containing oxides for a superior performance in unassisted photocatalytic water splitting. International Journal of Hydrogen Energy, 2017, 42, 21006-21015.	7.1	10

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109	Heatâ€Treatmentâ€Assisted Moltenâ€Salt Strategy to Enhance Electrochemical Performances of Liâ€Rich Assembled Microspheres by Tailoring Their Surface Features. Chemistry - A European Journal, 2019, 25, 2003-2010.	3.3	10
110	Pristine Surface Investigation of Li1.2Mn0.54Ni0.13Co0.13O2 towards Improving Capacity and Rate-capability for Lithium-ion Batteries. Electrochimica Acta, 2017, 245, 118-127.	5.2	9
111	Crystalline/amorphous Al/Al2O3 core/shell nanospheres as efficient catalysts for the selective transfer hydrogenation of Î±,Î²-unsaturated aldehydes. Catalysis Communications, 2018, 109, 50-54.	3.3	9
112	Kinetic control of CeO2 nanoparticles for catalytic CO oxidation. Journal of Materials Research, 2019, 34, 2201-2208.	2.6	9
113	Fabrication of VO Nanorings on a Porous Carbon Architecture for High-Performance Li-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 9454-9463.	8.0	9
114	Lattice defect quenching effects on luminescence properties of Eu3+-doped YVO4 nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	8
115	Tuning shell thickness of MnO/C core-shell nanowires for optimum performance of lithium-ion batteries. Chemical Research in Chinese Universities, 2017, 33, 924-928.	2.6	8
116	Interfacial Doping of Heteroatom in Porous SnO₂ for Highly Sensitive Surface Properties. ACS Omega, 2018, 3, 6988-6997.	3.5	8
117	Effect of Alloyed BiOCl_xBr_{1â€x} Nanosheets Thickness on the Photocatalytic Performance. ChemistrySelect, 2019, 4, 1757-1762.	1.5	8
118	One-step synthesis of SbPO4 hollow spheres by a self-sacrificed template method. RSC Advances, 2012, 2, 12999.	3.6	7
119	Intrinsic Reason for the Morphology Dependence of Luminescent Behavior: A Case Study with GdVO₄:Eu³⁺ Nanocrystals. European Journal of Inorganic Chemistry, 2013, 2013, 5999-6008.	2.0	7
120	Temperatureâ€dependent electrical transport behavior and structural evolution in hollanditeâ€type titaniumâ€based oxide. Journal of the American Ceramic Society, 2019, 102, 6741-6750.	3.8	7
121	Layer-by-layer assembly into bulk-like g-C3N4via artificial manipulation of electrostatic forces. Chemical Communications, 2020, 56, 15663-15666.	4.1	7
122	Spin state transition and giant dielectric constant in Pr0.987Na0.013CoO3. Applied Physics Letters, 2012, 100, 152109.	3.3	6
123	Stabilizing Co 4+ Ions in Ultrathin Cobalt Oxide Nanosheets for Efficient Oxygen Evolution Reaction. ChemCatChem, 2018, 10, 4888-4893.	3.7	6
124	Iron-Doped LiCoO2 Nanosheets as Highly Efficient Electrocatalysts for Alkaline Water Oxidation. European Journal of Inorganic Chemistry, 2019, 2019, 2448-2454.	2.0	6
125	An insight into the polarization mechanism of rutile based oxides with a wide doping levels in the TiO2-CuO-TaO2.5 ternary system. Journal of Alloys and Compounds, 2019, 780, 8-16.	5.5	6
126	Evidence for the influence of polaron delocalization on the electrical transport in LiNi_{0.4+x}Mn_{0.4â^'x}Co_{0.2}O₂. Physical Chemistry Chemical Physics, 2020, 22, 2054-2060.	2.8	6

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127	Zinc Ferrite Nanoparticles: Unusual Growth Mechanism for Sizeâ€Ðependent Properties. ChemistrySelect, 2021, 6, 1862-1869.	1.5	6
128	Kinetic Control of Hexagonal Mg(<scp>OH</scp>)₂ Nanoflakes for Catalytic Application of Preferential <scp>CO</scp> Oxidation. Chinese Journal of Chemistry, 2017, 35, 903-910.	4.9	5
129	Optimizing giant dielectric properties via interface composition: A study of rutile-based ceramics. Ceramics International, 2019, 45, 17705-17714.	4.8	5
130	Role of double interfaces in inspiring energy storage devices in CC@Ni(OH)Cl@NiO flexible electrodes. Materials Chemistry Frontiers, 2020, 4, 231-242.	5.9	5
131	Photocatalytic Hydrogen Evolution Performance for Hydroxyl-rich Porous Carbon Nitride. Chemical Research in Chinese Universities, 2020, 36, 1053-1058.	2.6	4
132	Thermochemistry of nano-phased titanium dioxides relevant to energy application: A Review. Chemical Thermodynamics and Thermal Analysis, 2022, 5, 100033.	1.5	4
133	The study of ⁵⁷Fe MÃ¶ssbauer spectra for La_{0.7}Sr_{0.3}FeO_{3â^'Î´} with different structure. Physica Status Solidi (B): Basic Research, 1996, 197, 165-172.	1.5	3
134	Dynamics of Water Confined on the Surface of Titania and Cassiterite Nanoparticles. Materials Research Society Symposia Proceedings, 2011, 1352, 47.	0.1	3
135	Simply Constructing Li_{1.2}Mn_{0.6}Ni_{0.2}O₂/C Composites for Superior Electrochemical Performance and Thermal Stability in Liâ€“Ion Battery. ChemistrySelect, 2018, 3, 13647-13653.	1.5	3
136	Synthesis of CeO2 assemblies through interaction with short-chain dicarboxylic acids under facile hydrothermal conditions. RSC Advances, 2019, 9, 28581-28587.	3.6	3
137	Heat capacity and thermodynamic functions of hollandite-type K0.17TiO1.9Â·0.061H2O. Journal of Chemical Thermodynamics, 2019, 137, 34-42.	2.0	3
138	Chemically Homogenizing MoO₂ Nanocrystals into Monodispersed Spherical Shapes for Enhanced Cr(VI) Photoreduction. ACS Applied Nano Materials, 2022, 5, 9950-9957.	5.0	3
139	Enhancing Photocatalytic Performance through Tuning the Interfacial Process between -Assembled and Pt-Loaded Microspheres. International Journal of Photoenergy, 2012, 2012, 1-7.	2.5	2
140	Strongly Coupled Amorphous Porous NbO x (OH) y /gâ€Ć 3 N 4 Heterostructure Composite for Efficient Photocatalytic Hydrogen Evolution. ChemistrySelect, 2019, 4, 13506-13516.	1.5	2
141	Understanding the Doping Chemistry of High Oxidation States in Scheelite CaWO4 by Hydrothermal Conditions. Inorganic Chemistry, 2021, 60, 16558-16569.	4.0	2
142	Layered Cu1â€“zMn1+zO2 Crednerite: Mapping the Phase Stabilization Region via Precise Compositional Control for Optimum Supercapacitor Performance. Inorganic Chemistry, 2022, 61, 2576-2586.	4.0	2
143	Confinement chemistry of FeO_x centers for activating molecular oxygen under ambient conditions. Nanoscale, 2022, 14, 9715-9723.	5.6	2
144	Magnetism of Zn0.75Cr0.25S with ordered doping configurations predicted by generalized gradient approximation plus Hubbard U. Journal of Applied Physics, 2011, 109, 083925.	2.5	1

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145	Growth kinetic control over MgFe₂O₄ to tune Fe occupancy and metalâ€“support interactions for optimum catalytic performance. CrystEngComm, 2021, 23, 2538-2546.	2.6	1
146	Size-encoded hierarchical self-assembly of nanoparticles into chains and tubules. Journal of Colloid and Interface Science, 2021, 604, 866-875.	9.4	1
147	Frontispiece: Smart Solution Chemistry to Snâ€Containing Intermetallic Compounds through a Selfâ€Disproportionation Process. Chemistry - A European Journal, 2016, 22, .	3.3	0
148	Fabrication of Li-Rich Cathodes with Enhanced Stability and Electrochemical Performances for Lithium Ion Battery. ECS Meeting Abstracts, 2016, , .	0.0	0
149	Low-Temperature Heat Capacities and Thermodynamic Functions of Î±-Bi2O3. Russian Journal of Physical Chemistry A, 2022, 96, 834-841.	0.6	0