List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5344310/publications.pdf Version: 2024-02-01



Οινιανιία

#	Article	IF	CITATIONS
1	One-Step Synthesis and Assembly of Copper Sulfide Nanoparticles to Nanowires, Nanotubes, and Nanovesicles by a Simple Organic Amine-Assisted Hydrothermal Process. Nano Letters, 2002, 2, 725-728.	9.1	288
2	Biomolecule-Assisted Synthesis of Highly Ordered Snowflakelike Structures of Bismuth Sulfide Nanorods. Journal of the American Chemical Society, 2004, 126, 54-55.	13.7	258
3	Facile synthesis of hollow Co3O4 boxes for high capacity supercapacitor. Journal of Power Sources, 2013, 227, 101-105.	7.8	250
4	Ordered SBA-15 Nanorod Arrays Inside a Porous Alumina Membrane. Journal of the American Chemical Society, 2004, 126, 8650-8651.	13.7	246
5	One-Step Nanocasting Synthesis of Highly Ordered Single Crystalline Indium Oxide Nanowire Arrays from Mesostructured Frameworks. Journal of the American Chemical Society, 2003, 125, 4724-4725.	13.7	203
6	Morphology effect on antibacterial activity of cuprous oxide. Chemical Communications, 2009, , 1076.	4.1	170
7	Controlled Synthesis of Semiconductor PbS Nanocrystals and Nanowires Inside Mesoporous Silica SBA-15 Phase. Nano Letters, 2001, 1, 743-748.	9.1	158
8	Facile synthesis of nickel oxide nanotubes and their antibacterial, electrochemical and magnetic properties. Chemical Communications, 2009, , 7542.	4.1	152
9	Preparation of mesoporous NiO with a bimodal pore size distribution and application in electrochemical capacitors. Electrochimica Acta, 2010, 55, 6830-6835.	5.2	146
10	Dendrite-like Co3O4 nanostructure and its applications in sensors, supercapacitors and catalysis. Dalton Transactions, 2012, 41, 5862.	3.3	125
11	Controllable Assembly of Ordered Semiconductor Ag2S Nanostructures. Nano Letters, 2003, 3, 85-88.	9.1	123
12	Growth of SiC nanorods at low temperature. Applied Physics Letters, 1999, 75, 507-509.	3.3	121
13	Low‧ymmetry Iron Oxide Nanocrystals Bound by Highâ€Index Facets. Angewandte Chemie - International Edition, 2010, 49, 6328-6332.	13.8	121
14	Interface Reaction for the Self-Assembly of Silver Nanocrystals under Microwave-Assisted Solvothermal Conditions. Chemistry of Materials, 2005, 17, 856-860.	6.7	120
15	A Green Chemical Approach to the Synthesis of Tellurium Nanowires. Langmuir, 2005, 21, 6002-6005.	3.5	117
16	A Universal Strategy for Carbon-Supported Transition Metal Phosphides as High-Performance Bifunctional Electrocatalysts towards Efficient Overall Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 19447-19456.	8.0	103
17	Selective synthesis of nickel oxide nanowires and length effect on their electrochemical properties. Nanoscale, 2010, 2, 920.	5.6	100
18	Synthesis of Nanocrystalline CuMS2(M = In or Ga) through a Solvothermal Process. Inorganic Chemistry, 2000, 39, 1606-1607.	4.0	98

#	Article	IF	CITATIONS
19	Metal–organic frameworks constructed from flexible V-shaped ligands: adjustment of the topology, interpenetration and porosity via a solvent system. Chemical Communications, 2012, 48, 10016.	4.1	96
20	Copper-based nanostructures: promising antibacterial agents and photocatalysts. Chemical Communications, 2009, , 3571.	4.1	95
21	Hierarchical ZnO Nanorod-Assembled Hollow Superstructures for Catalytic and Photoluminescence Applications. Crystal Growth and Design, 2010, 10, 40-43.	3.0	88
22	Creation of a Unique Self-Supported Pattern of Radially Aligned Semiconductor Ag2S Nanorods. Angewandte Chemie - International Edition, 2002, 41, 1932-1934.	13.8	85
23	Two-Dimensional \hat{I}^2 -MnO2 Nanowire Network with Enhanced Electrochemical Capacitance. Scientific Reports, 2013, 3, 2193.	3.3	83
24	High-entropy effect of a metal phosphide on enhanced overall water splitting performance. Journal of Materials Chemistry A, 2021, 9, 17913-17922.	10.3	82
25	Three-Dimensional Low Symmetry Mesoporous Silica Structures Templated from Tetra-Headgroup Rigid Bolaform Quaternary Ammonium Surfactant. Journal of the American Chemical Society, 2005, 127, 6780-6787.	13.7	79
26	Synthesis of copper(ii) coordination polymers and conversion into CuO nanostructures with good photocatalytic, antibacterial and lithium ion battery performances. Journal of Materials Chemistry, 2012, 22, 12609.	6.7	78
27	Cellulose-Directed Growth of Selenium Nanobelts in Solution. Chemistry of Materials, 2006, 18, 159-163.	6.7	77
28	Low‶emperature Synthesis of Nanocrystalline Titanium Nitride via a Benzene–Thermal Route. Journal of the American Ceramic Society, 2000, 83, 430-432.	3.8	72
29	Fabrication of novel comb-like Cu2O nanorod-based structures through an interface etching method and their application as ethanol sensors. Chemical Communications, 2010, 46, 7022.	4.1	72
30	Structural Diversity and Sensing Properties of Metal–Organic Frameworks with Multicarboxylate and 1 <i>H</i> -Imidazol-4-yl-Containing Ligands. Crystal Growth and Design, 2018, 18, 1136-1146.	3.0	71
31	Thickness-control of ultrathin two-dimensional cobalt hydroxide nanosheets with enhanced oxygen evolution reaction performance. Chemical Engineering Journal, 2017, 316, 225-231.	12.7	70
32	Fast Synthesis of Cerium Oxide Nanoparticles and Nanorods. Journal of Nanoscience and Nanotechnology, 2006, 6, 3812-3819.	0.9	67
33	Metal–Organic Frameworks Based on Flexible V-Shaped Polycarboxylate Acids: Hydrogen Bondings, Non-Interpenetrated and Polycatenated. Crystal Growth and Design, 2012, 12, 4072-4082.	3.0	67
34	Glucose-assisted synthesis of copper micropuzzles and their application as nonenzymatic glucose sensors. Chemical Communications, 2010, 46, 2010.	4.1	65
35	Glycine-assisted double-solvothermal approach for various cuprous oxide structures with good catalytic activities. CrystEngComm, 2010, 12, 406-412.	2.6	63
36	Synthesis of unit-cell-thick α-Fe2O3 nanosheets and their transformation to γ-Fe2O3 nanosheets with enhanced LIB performances. Chemical Engineering Journal, 2017, 326, 292-297.	12.7	63

#	Article	IF	CITATIONS
37	Intrinsic activity modulation and structural design of NiFe alloy catalysts for an efficient oxygen evolution reaction. Chemical Science, 2021, 12, 3818-3835.	7.4	60
38	Metal Ions Induce Growth and Magnetism Alternation of αâ€Fe ₂ O ₃ Crystals Bound by Highâ€Index Facets. Chemistry - A European Journal, 2012, 18, 8957-8963.	3.3	57
39	Protein-assisted synthesis of single-crystal nanowires of bismuth compounds. Chemical Communications, 2005, , 531.	4.1	52
40	A hydrothermal reaction to synthesize CuFeS2 nanorods. Inorganic Chemistry Communication, 1999, 2, 569-571.	3.9	51
41	A second-order nonlinear optical material with a hydrated homochiral helix obtained via spontaneous symmetric breaking crystallization from an achiral ligand. Chemical Communications, 2013, 49, 3585.	4.1	50
42	Al ³⁺ -controlled synthesis and magnetic property of α-Fe ₂ O ₃ nanoplates. CrystEngComm, 2013, 15, 443-446.	2.6	48
43	Solvothermal reaction route to nanocrystalline semiconductors AgMS2 (M=Ga, In). Chemical Communications, 1999, , 1093-1094.	4.1	47
44	<i>In situ</i> construction of hierarchical Co/MnO@graphite carbon composites for highly supercapacitive and OER electrocatalytic performances. Nanoscale, 2018, 10, 13702-13712.	5.6	45
45	Green synthesis of fluorescent carbon quantum dots and carbon spheres from pericarp. Science China Chemistry, 2015, 58, 863-870.	8.2	44
46	Water Amount Dependence on Morphologies and Properties of ZnO nanostructures in Double-solvent System. Scientific Reports, 2014, 4, 3736.	3.3	43
47	Synthesis of Mn3O4 octahedrons and other manganese-based nanostructures through a simple and green route. CrystEngComm, 2010, 12, 3401.	2.6	42
48	An Unprecedented Homochiral Metal–Organic Framework Based on Achiral Nanosized Pyridine and V-Shaped Polycarboxylate Acid Ligand. Crystal Growth and Design, 2013, 13, 440-445.	3.0	42
49	A Novel Low-Temperature Synthetic Route to Crystalline Si3N4. Advanced Materials, 1999, 11, 653-655.	21.0	41
50	Graphene oxide induced growth of one-dimensional fusiform zirconia nanostructures for highly selective capture of phosphopeptides. Chemical Communications, 2011, 47, 11772.	4.1	41
51	Tunable Co ₃ O ₄ hollow structures (from yolk–shell to multi-shell) and their Li storage properties. Journal of Materials Chemistry A, 2017, 5, 12757-12761.	10.3	39
52	Controlled Growth and Applications of Complex Metal Oxide ZnSn(OH) ₆ Polyhedra. Inorganic Chemistry, 2012, 51, 10990-10995.	4.0	37
53	In situ adsorption method for synthesis of binary semiconductor CdS nanocrystals inside mesoporous SBA-15. Chemical Physics Letters, 2002, 360, 585-591.	2.6	36
54	Carbon nanocages@ultrathin carbon nanosheets: One-step facile synthesis and application as anode material for lithium-ion batteries. Carbon, 2016, 105, 586-592.	10.3	35

#	Article	IF	CITATIONS
55	Microwave-assisted synthesis of one-dimensional nanostructures. Journal of Materials Research, 2004, 19, 1649-1655.	2.6	34
56	Synthesis of nanorods and nanowires using biomolecules under conventional- and microwave-hydrothermal conditions. Journal of Materials Science, 2008, 43, 2377-2386.	3.7	34
57	CdS Nanorod-Based Structures: From Two- and Three-Dimensional Leaves to Flowers. Journal of Physical Chemistry C, 2008, 112, 13359-13365.	3.1	34
58	Magnetite syntheses from room temperature to 150°C with and without microwaves. Ceramics International, 2012, 38, 2563-2568.	4.8	33
59	Evolution of nickel sulfide hollow spheres through topotactic transformation. Nanoscale, 2013, 5, 12224.	5.6	33
60	The assembly of semiconductor sulfide nanocrystallites with organic reagents as templates. Nanotechnology, 2002, 13, 741-745.	2.6	32
61	Monodisperse CuO Hard and Hollow Nanospheres as Visible‣ight Photocatalysts. European Journal of Inorganic Chemistry, 2013, 2013, 1358-1362.	2.0	32
62	General synthesis of binary PtM and ternary PtM ₁ M ₂ alloy nanoparticles on graphene as advanced electrocatalysts for methanol oxidation. Journal of Materials Chemistry A, 2015, 3, 15882-15888.	10.3	31
63	Hydrothermal growth of \hat{I}^2 -Ag2Se tubular crystals. Chemical Communications, 2000, , 715-716.	4.1	29
64	TiO2/Ni nanocomposites: Biocompatible and recyclable magnetic photocatalysts. Catalysis Communications, 2011, 12, 611-615.	3.3	29
65	Biopolymer-assisted construction and gas-sensing study of uniform solid and hollow ZnSn(OH)6 spheres. Sensors and Actuators B: Chemical, 2013, 178, 119-124.	7.8	29
66	Controlled fabrication and property studies of nickel hydroxide and nickel oxidenanostructures. CrystEngComm, 2010, 12, 1404-1409.	2.6	28
67	Fabrication of Zn2SnO4/SnO2 hollow spheres and their application in dye-sensitized solar cells. RSC Advances, 2013, 3, 2893.	3.6	28
68	A Simple Method for the Preparation of Nanocrystalline Transition Metal Sulfides. Journal of Solid State Chemistry, 1999, 146, 484-487.	2.9	27
69	Multi-level assemblies of lead sulphide nanorods. Nanotechnology, 2006, 17, 2574-2580.	2.6	27
70	Agaric-derived N-doped carbon nanorod arrays@nanosheet networks coupled with molybdenum carbide nanoparticles as highly efficient pH-universal hydrogen evolution electrocatalysts. Nanoscale, 2020, 12, 5159-5169.	5.6	26
71	Hybrid α-Fe2O3@Ni(OH)2 nanosheet composite for high-rate-performance supercapacitor electrode. Scientific Reports, 2016, 6, 31751.	3.3	24
72	The co-reduction route to TiC nanocrystallites at low temperature. Chemical Physics Letters, 1999, 314, 37-39.	2.6	23

#	Article	IF	CITATIONS
73	Quantum Effects Allow the Construction of Twoâ€Dimensional Co ₃ O ₄ â€Embedded Nitrogenâ€Doped Porous Carbon Nanosheet Arrays from Bimetallic MOFs as Bifunctional Oxygen Electrocatalysts. Chemistry - A European Journal, 2018, 24, 14522-14530.	3.3	22
74	A template-free method for hollow Ag2S semiconductor with a novel quasi-network microstructure. Chemical Physics Letters, 2002, 360, 355-358.	2.6	21
75	Three-dimensional honeycomb-like networks of birnessite manganese oxide assembled by ultrathin two-dimensional nanosheets with enhanced Li-ion battery performances. Nanoscale, 2015, 7, 8101-8109.	5.6	21
76	In Situ Antisolvent Approach to Hydrangeaâ€like HCo ₃ O ₄ â€NC@CoNiâ€LDH Core@Shell Superstructures for Highly Efficient Water Electrolysis. Chemistry - A European Journal, 2018, 24, 400-408.	3.3	21
77	Single Crystalline Cadmium Sulfide Nanowires with Branched Structure. Nanoscale Research Letters, 2009, 4, 371-376.	5.7	20
78	Delicate Control of Multishelled Zn–Mn–O Hollow Microspheres as a High-Performance Anode for Lithium-Ion Batteries. Langmuir, 2018, 34, 1242-1248.	3.5	20
79	One-step fabrication of Cd(OH)2 nanorings via a solution phase synthesis. Chemical Communications, 2010, 46, 6183.	4.1	19
80	Facile synthesis of mono-dispersive hierarchical nickel-based microspheres as potential catalysts. Catalysis Communications, 2011, 12, 1031-1036.	3.3	19
81	Bottom-up-then-up-down Route for Multi-level Construction of Hierarchical Bi2S3 Superstructures with Magnetism Alteration. Scientific Reports, 2015, 5, 10599.	3.3	19
82	Synthesis and property studies of hollow nanostructures. CrystEngComm, 2016, 18, 7399-7409.	2.6	19
83	Generalized Lowâ€Temperature Fabrication of Scalable Multiâ€Type Twoâ€Dimensional Nanosheets with a Green Soft Template. Chemistry - A European Journal, 2016, 22, 5575-5582.	3.3	19
84	Waste leather-derived (Cr, N)-co-doped carbon cloth coupling with Mo2C nanoparticles as a self-supported electrode for highly active hydrogen evolution reaction performances. Journal of Power Sources, 2020, 476, 228706.	7.8	19
85	Synthesis of germanium oxide mesostructures with a new intermediate state. Microporous and Mesoporous Materials, 2002, 56, 219-225.	4.4	18
86	Biomoleculeâ€Assisted Construction of Cadmium Sulfide Hollow Spheres with Structureâ€Dependent Photocatalytic Activity. ChemPhysChem, 2013, 14, 591-596.	2.1	18
87	Single-Crystalline Hyperbranched Nanostructure of Iron Hydroxyl Phosphate Fe5(PO4)4(OH)3·2H2O for Highly Selective Capture of Phosphopeptides. Scientific Reports, 2014, 4, 3753.	3.3	18
88	Twoâ€Dimensional Hollow TiO ₂ Nanoplates with Enhanced Photocatalytic Activity. Chemistry - A European Journal, 2016, 22, 6368-6373.	3.3	18
89	The Solvothermal Synthesis for Nanocrystalline FeIn2S4at Low Temperature. Chemistry Letters, 1999, 28, 481-482.	1.3	17
90	Facile synthesis of Ni3(BO3)2 nanoribbons and their antimicrobial, electrochemical and electrical properties. Journal of Materials Chemistry, 2011, 21, 13889.	6.7	17

#	Article	IF	CITATIONS
91	Nickel ions inducing growth of high-index faceted $\hat{I}\pm$ -Fe2O3 and their facet-controlled magnetic properties. RSC Advances, 2013, 3, 8261.	3.6	17
92	Porous Tin Oxide Nanosheets with Enhanced Conversion Efficiency as Dye-Sensitized Solar Cell Electrode. Journal of Physical Chemistry C, 2014, 118, 16856-16862.	3.1	17
93	In-situ generation of In2O3 nanoparticles inside In[Co(CN)6] quasi-metal-organic-framework nanocubes for efficient electroreduction of CO2 to formate. Journal of Colloid and Interface Science, 2022, 608, 1942-1950.	9.4	17
94	A Low Temperature Nitridation Route for Nanocrystalline AlN. Chemistry Letters, 1999, 28, 1239-1240.	1.3	16
95	The synthesis of CuFeSe2 through a solventothermal process. Journal of Crystal Growth, 2000, 217, 271-273.	1.5	16
96	Hollow ZnxCd1â^'xS nanospheres with enhanced photocatalytic activity under visible light. Scientific Reports, 2016, 6, 29997.	3.3	16
97	Hollow α-Fe ₂ O ₃ core–shell colloidosomes: facile one-pot synthesis and high lithium anodic performances. CrystEngComm, 2016, 18, 544-549.	2.6	16
98	Gluconate controls one-dimensional growth of tellurium nanostructures. Journal of Materials Research, 2006, 21, 343-348.	2.6	14
99	Green synthesis of MnO x nanostructures and studies of their supercapacitor performance. Science China Chemistry, 2015, 58, 627-633.	8.2	14
100	Synthesis and mechanism studies of novel drum-like Cd(OH)2 superstructures. Chemical Communications, 2011, 47, 4141.	4.1	13
101	A simple synthetic method for MSe2 (M=Fe, Co or Ni) nanocrystallites at low temperature. Materials Chemistry and Physics, 2001, 69, 278-280.	4.0	11
102	Rapid solvent-evaporation strategy for three-dimensional cobalt-based complex hierarchical architectures as catalysts for water oxidation. Scientific Reports, 2019, 9, 15681.	3.3	11
103	One-step synthesis of novel Cu@polymer nanocomposites through a self-activated route and their application as nonenzymatic glucose sensors. Dalton Transactions, 2017, 46, 9918-9924.	3.3	10
104	Templated synthesis of titanium dioxide tube-in-tube superstructures with enhanced photocatalytic and lithium storage performance. Chemical Engineering Journal, 2019, 370, 1434-1439.	12.7	10
105	Robust hollow Bowl-like α-Fe2O3 nanostructures with enhanced electrochemical lithium storage performance. Journal of Colloid and Interface Science, 2022, 622, 780-788.	9.4	10
106	Templateâ€Free Synthesis of Nanorodâ€Assembled Hierarchical Zn _{1â^'<i>x</i>} Mn _{<i>x</i>} S Hollow Nanostructures with Enhanced Pseudocapacitive Properties. Chemistry - A European Journal, 2016, 22, 18859-18864.	3.3	9
107	Tube-in-tube tin dioxide superstructures with enhanced lithium storage performance. Chemical Communications, 2019, 55, 2222-2225.	4.1	9
108	Phosphorus-doped cobaltous oxide core@shell microspheres with enhanced performances in energy conversion and storage. Journal of Power Sources, 2021, 483, 229137.	7.8	9

#	Article	IF	CITATIONS
109	Synthesis of polyhedral iron oxide nanocrystals bound by high-index facets. Science China Chemistry, 2014, 57, 114-121.	8.2	8
110	Tailored dodecahedral polyoxometalates nanoframes with in situ encapsulated Co, N, C for oxygen evolution reaction. Chemical Engineering Journal, 2022, 430, 133116.	12.7	8
111	Molybdenum Sulfide Selenide Nanosheets Synergized with Nitrogenâ€Rich Carbon Frameworks toward High Performance and Stable Sodium Storage. Advanced Materials Interfaces, 2022, 9, .	3.7	8
112	A Benzene-Thermal Synthetic Route to Nanocrystalline ZrN. Chemistry Letters, 2000, 29, 74-75.	1.3	7
113	A solvothermal reaction route for the synthesis of CuFeS ₂ ultrafine powder. Journal of Materials Research, 1999, 14, 3870-3872.	2.6	6
114	Benzene-thermal co-reduction reaction for nanocrystalline intermetallics Fe3Si and Ni3Al. Solid State Ionics, 1999, 124, 317-321.	2.7	6
115	Ligand-assisted Solvothermal Growth of CdS Nanowires. Chemistry Letters, 2002, 31, 732-733.	1.3	6
116	Space-confined growth of novel self-supporting carbon-based nanotube array composites. Composites Part B: Engineering, 2019, 161, 328-335.	12.0	6
117	Bi-directional-bi-dimensionality alignment of self-supporting Mn3O4 nanorod and nanotube arrays with different bacteriostasis and magnetism. Nanoscale, 2013, 5, 12231.	5.6	4
118	One-pot synthesis of mesoporous palladium/C nanodendrites as high-performance oxygen reduction eletrocatalysts through a facile dual surface protecting agent-assisted strategy. Dalton Transactions, 2021, 50, 6297-6305.	3.3	4
119	Magnetic field-assisted hydrothermal synthesis of magnetic microwire arrays. Chemical Physics Letters, 2009, 482, 118-120.	2.6	3
120	Sandwich-Type Polymer Nanofiber Structure of Poly(furfuryl Alcohol): An Effective Template for Ordered Porous Films. Journal of Physical Chemistry B, 2009, 113, 12477-12481.	2.6	3
121	Fabrication of Cu3V2O7(OH)2·2H2O Nanoribbons and Cu3V2O7(OH)2·2H2O/PANI Nanocomposites Used in Supercapacitors. Chemistry Letters, 2010, 39, 192-193.	1.3	3
122	A mechanical rotatable magnetic force microscope operated in a 7ÂT superconducting magnet. Ultramicroscopy, 2020, 217, 113071.	1.9	3
123	Inside Cover: Metal Ions Induce Growth and Magnetism Alternation of α-Fe2O3 Crystals Bound by High-Index Facets (Chem. Eur. J. 29/2012). Chemistry - A European Journal, 2012, 18, 8850-8850.	3.3	0