

# Peng-peng Wang

## List of Publications by Year in descending order

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33  
papers

1,892  
citations

331259

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433756

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33  
docs citations

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times ranked

3627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
2	Colloidal Binary Supracrystals with Tunable Structural Lattices. <i>Journal of the American Chemical Society</i> , 2018, 140, 9095-9098.	6.6	53
3	Cooperative expression of atomic chirality in inorganic nanostructures. <i>Nature Communications</i> , 2017, 8, 14312.	5.8	91
4	Assembled Suprastructures of Inorganic Chiral Nanocrystals and Hierarchical Chirality. <i>Journal of the American Chemical Society</i> , 2017, 139, 6070-6073.	6.6	40
5	Facile and generalized encapsulations of inorganic nanocrystals with nitrogen-doped carbonaceous coating for multifunctionality. <i>Nanoscale</i> , 2015, 7, 3254-3262.	2.8	10
6	Zinc Sulfide Nanosheet-Based Hybrid Superlattices with Tunable Architectures Showing Enhanced Photoelectrochemical Properties. <i>Small</i> , 2015, 11, 3909-3915.	5.2	11
7	Well-Constructed Single-Layer Molybdenum Disulfide Nanorose Cross-Linked by Three Dimensional-Reduced Graphene Oxide Network for Superior Water Splitting and Lithium Storage Property. <i>Scientific Reports</i> , 2015, 5, 8722.	1.6	79
8	General synthesis of inorganic single-walled nanotubes. <i>Nature Communications</i> , 2015, 6, 8756.	5.8	61
9	Biomimetic Multifunctional Nanochannels Based on the Asymmetric Wettability of Heterogeneous Nanowire Membranes. <i>Advanced Materials</i> , 2014, 26, 1071-1075.	11.1	59
10	Three-Dimensional Assembly of Single-Layered MoS <sub>2</sub> . <i>Advanced Materials</i> , 2014, 26, 964-969.	11.1	415
11	Self-assembly of TiO <sub>2</sub> nanoparticles into chains, films and honeycomb networks. <i>CrystEngComm</i> , 2014, 16, 1584.	1.3	18
12	A 1D/2D Helical CdS/ZnIn <sub>2</sub> S <sub>4</sub> Nano-Heterostructure. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2339-2343.	7.2	232
13	A Monolayer Polyoxometalate Superlattice. <i>Advanced Materials</i> , 2014, 26, 4339-4344.	11.1	36
14	Hierarchical MnO <sub>2</sub> /SnO <sub>2</sub> Heterostructures for a Novel Free-Standing Ternary Thermite Membrane. <i>Inorganic Chemistry</i> , 2013, 52, 9449-9455.	1.9	28
15	Nanowire Membrane-based Nanothermite: towards Processable and Tunable Interfacial Diffusion for Solid State Reactions. <i>Scientific Reports</i> , 2013, 3, 1694.	1.6	20
16	Inorganic Nanostructures with Sizes down to 1 nm: A Macromolecule Analogue. <i>Journal of the American Chemical Society</i> , 2013, 135, 11115-11124.	6.6	101
17	Self-Adjustable Crystalline Inorganic Nanocoils. <i>Journal of the American Chemical Society</i> , 2013, 135, 6834-6837.	6.6	56
18	Fine Tuning of the Structure of Pt-Cu Alloy Nanocrystals by Glycine-Mediated Sequential Reduction Kinetics. <i>Small</i> , 2013, 9, 3063-3069.	5.2	95

#	ARTICLE	IF	CITATIONS
19	Growth of Concave Polyhedral Pd Nanocrystals with 32 Facets Through In Situ Facet-Selective Etching. ChemSusChem, 2013, 6, 1893-1897.	3.6	17
20	Hydrogen Bond Nanoscale Networks Showing Switchable Transport Performance. Scientific Reports, 2012, 2, 612.	1.6	38
21	Crystal growth by leaps and bounds based on self-assembly: insight from titania. CrystEngComm, 2012, 14, 7648.	1.3	8
22	Hydrothermal synthesis of mesoporous silica spheres: effect of the cooling process. Nanoscale, 2012, 4, 7114.	2.8	30
23	Ultrathin Ca <sub>4</sub> CO <sub>3</sub> Solid-Solution Nanowires: A Controllable Synthesis and Full-Color Emission by Rare-Earth Doping. Chemistry - A European Journal, 2012, 18, 13702-13711.	1.7	21
24	Anion-Exchange-Driven Disassembly of a SiO <sub>2</sub> /CTAB Composite Mesophase: the Formation of Hollow Mesoporous Silica Spheres. Inorganic Chemistry, 2012, 51, 9539-9543.	1.9	18
25	±-MnO <sub>2</sub> nanowires as building blocks for the construction of 3D macro-assemblies. Chemical Communications, 2012, 48, 5925.	2.2	29
26	Multivalent assembly of ultrasmall nanoparticles: One-, two-, and three-dimensional architectures of 2 nm gold nanoparticles. Nano Research, 2012, 5, 283-291.	5.8	27
27	Hydrothermal Synthesis of Hollow Silica Spheres under Acidic Conditions. Langmuir, 2011, 27, 7185-7191.	1.6	134
28	General synthesis and characterization of a family of layered lanthanide (Pr, Nd, Sm, Eu, and Gd) hydroxide nanowires. Nanoscale, 2011, 3, 2529.	2.8	22
29	Fabrication of Polystyrene-Encapsulated Nanodiamond via <i>In Situ</i> Latex Polymerization and their Wettability Evaluation. Advanced Materials Research, 2009, 79-82, 1839-1842.	0.3	1
30	A novel yeast bio-template route to synthesize Cr <sub>2</sub> O <sub>3</sub> hollow microspheres. Materials Chemistry and Physics, 2009, 114, 26-29.	2.0	73
31	Family of Multifunctional Layered-Lanthanum Crystalline Nanowires with Hierarchical Pores: Hydrothermal Synthesis and Applications. Journal of the American Chemical Society, 2009, 131, 16953-16960.	6.6	55
32	Microwave hydrothermal synthesis and characterizations of NiS nano-needle. , 2009, , .		2
33	Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis. Angewandte Chemie, 0, , .	1.6	0