

Li-Yong Chen

List of Publications by Year in descending order

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51
papers

2,181
citations

201674
27
h-index

223800
46
g-index

55
all docs

55
docs citations

55
times ranked

3949
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting Core–Shell Synergy for Nanosynthesis and Mechanistic Investigation. <i>Accounts of Chemical Research</i> , 2013, 46, 1636-1646.	15.6	183
2	Synthesis of Au@ZIF-8 single- or multi-core–shell structures for photocatalysis. <i>Chemical Communications</i> , 2014, 50, 8651.	4.1	162
3	Enhancing Photodynamic Therapy through Resonance Energy Transfer Constructed Near-Infrared Photosensitized Nanoparticles. <i>Advanced Materials</i> , 2017, 29, 1604789.	21.0	154
4	Self-Assembled Porous 3D Flowerlike In_2S_3 Structures: Synthesis, Characterization, and Optical Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 4117-4123.	3.1	144
5	Unconventional Chain-Growth Mode in the Assembly of Colloidal Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8021-8025.	13.8	131
6	CuO shuttle-like nanocrystals synthesized by oriented attachment. <i>Journal of Crystal Growth</i> , 2006, 291, 196-201.	1.5	106
7	Synthesis of Au@UiO-66(NH_2) structures by small molecule-assisted nucleation for plasmon-enhanced photocatalytic activity. <i>Chemical Communications</i> , 2016, 52, 116-119.	4.1	103
8	Assembly of Colloidal Nanoparticles Directed by the Microstructures of Polycrystalline Ice. <i>ACS Nano</i> , 2011, 5, 8426-8433.	14.6	85
9	A simple strategy for engineering heterostructures of Au nanoparticle-loaded metal–organic framework nanosheets to achieve plasmon-enhanced photocatalytic CO_2 conversion under visible light. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11355-11361.	10.3	79
10	Cobalt layered double hydroxides derived CoP/ Co_2P hybrids for electrocatalytic overall water splitting. <i>Nanoscale</i> , 2018, 10, 21019-21024.	5.6	74
11	Mitochondrial-DNA-Targeted Ir^{III} -Containing Metallohelices with Tunable Photodynamic Therapy Efficacy in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6420-6427.	13.8	54
12	General Methodology of Using Oil-in-Water and Water-in-Oil Emulsions for Coiling Nanofilaments. <i>Journal of the American Chemical Society</i> , 2013, 135, 835-843.	13.7	51
13	Imidazolate-mediated assembled structures of Co-LDH sheets for efficient electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4636-4641.	10.3	50
14	Controlling Reversible Elastic Deformation of Carbon Nanotube Rings. <i>Journal of the American Chemical Society</i> , 2011, 133, 9654-9657.	13.7	49
15	Corundum-Type In_2O_3 Urchin-Like Nanostructures: Synthesis Derived from Orthorhombic InOOH and Application in Photocatalysis. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 903-909.	2.0	44
16	Biomolecule-Assisted Synthesis of $\text{In}(\text{OH})_3$ Hollow Spherical Nanostructures Constructed with Well-Aligned Nanocubes and Their Conversion into $\text{Ca}^2+\text{In}_2\text{O}_3$. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18798-18803.	3.1	42
17	Facet-dependent catalytic activity of ZIF-8 nanocubes and rhombic dodecahedra based on tracing substrate diffusion in pores by SERS: a case study for surface catalysis of MOFs. <i>Catalysis Science and Technology</i> , 2016, 6, 1616-1620.	4.1	41
18	A redox-hydrothermal route to In_2MnO_2 hollow octahedra. <i>Solid State Sciences</i> , 2009, 11, 1265-1269.	3.2	39

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19	Tunable Synthesis of Various Hierarchical Structures of In(OH) ₃ and In ₂ O ₃ Assembled by Nanocubes. European Journal of Inorganic Chemistry, 2008, 2008, 1445-1451.	2.0	38
20	Discrimination of Various Amine Vapors by a Triemissive Metal-Organic Framework Composite via the Combination of a Three-Dimensional Ratiometric Approach and a Confinement-Induced Enhancement Effect. ACS Applied Materials & Interfaces, 2020, 12, 12043-12053.	8.0	38
21	N-CND modified NH ₂ -UiO-66 for photocatalytic CO ₂ conversion under visible light by a photo-induced electron transfer process. Chemical Communications, 2019, 55, 4845-4848.	4.1	37
22	Formation of Flexible Ag/C Coaxial Nanocables through a Novel Solution Process. Crystal Growth and Design, 2006, 6, 2422-2426.	3.0	35
23	NH ₂ -MIL-125(Ti)-derived porous cages of titanium oxides to support Pt-Co alloys for chemoselective hydrogenation reactions. Chemical Science, 2019, 10, 2111-2117.	7.4	34
24	Engineering an iridium-containing metal-organic molecular capsule for induced-fit geometrical conversion and dual catalysis. Chemical Communications, 2016, 52, 9628-9631.	4.1	32
25	Corundum-type tubular and rod-like In ₂ O ₃ nanocrystals: synthesis from designed InOOH and application in photocatalysis. New Journal of Chemistry, 2009, 33, 1109.	2.8	30
26	Magnesium-regulated oxygen vacancies of nickel layered double hydroxides for electrocatalytic water oxidation. Journal of Materials Chemistry A, 2018, 6, 18378-18383.	10.3	29
27	ZIF-67@Co-LDH yolk-shell spheres with micro-/meso-porous structures as vehicles for drug delivery. Inorganic Chemistry Frontiers, 2019, 6, 3140-3145.	6.0	28
28	Highly efficient solar steam generation of supported metal-organic framework membranes by a photoinduced electron transfer process. Nanoscale, 2019, 11, 11121-11127.	5.6	22
29	Cu Nanocluster-Loaded TiO ₂ Nanosheets for Highly Efficient Generation of CO-Free Hydrogen by Selective Photocatalytic Dehydrogenation of Methanol to Formaldehyde. ACS Applied Materials & Interfaces, 2021, 13, 18619-18626.	8.0	21
30	Easy nickel substrate-assisted growth of uniform carbon microspheres and their spectroscopic properties. Carbon, 2006, 44, 2861-2864.	10.3	20
31	Developing Mutually Encapsulating Materials for Versatile Syntheses of Multilayer Metal-Silica-Polymer Hybrid Nanostructures. Small, 2012, 8, 1857-1862.	10.0	20
32	Carbon dots prepared in different solvents with controllable structures: optical properties, cellular imaging and photocatalysis. New Journal of Chemistry, 2018, 42, 1690-1697.	2.8	20
33	Direct Fabrication of Tellurium/Carbon Nanocables through a Facile Solution Route. Crystal Growth and Design, 2009, 9, 2117-2123.	3.0	17
34	3D Architectures of InOOH: Ultrasonic-Assisted Synthesis, Growth Mechanism, and Optical Properties. European Journal of Inorganic Chemistry, 2007, 2007, 4508-4513.	2.0	16
35	NH ₂ -UiO-66/C ₃ N ₄ /CdTe composites for photocatalytic CO ₂ reduction under visible light. APL Materials, 2019, 7, .	5.1	14
36	Magnetic fluids for synthesis of the stable adduct -Fe ₂ O ₃ /CTAB/Clay. Journal of Crystal Growth, 2005, 280, 118-125.	1.5	13

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37	The U-shaped Fe(1 \times)S micro-slots: growth, characterization, and magnetic property. Journal of Crystal Growth, 2005, 277, 314-320.	1.5	12
38	Copper substrate-assisted growth of ellipsoidal carbon microparticles. Carbon, 2006, 44, 179-181.	10.3	12
39	A novel route for the generation of Co/CoZn/CoNi layered double hydroxides at ambient temperature. Inorganic Chemistry Frontiers, 2019, 6, 1415-1421.	6.0	12
40	Fabrication of Selenium/Carbon Core-Shell Submicrowires and Carbon Submicrotubes by a Facile Solution Process. Chemistry - an Asian Journal, 2008, 3, 834-840.	3.3	9
41	Understanding the Phase Emergence of Mesoporous Silica. Small, 2015, 11, 232-238.	10.0	9
42	Porous N-doped graphitic carbon assembled one-dimensional hollow structures as high performance electrocatalysts for ORR. RSC Advances, 2016, 6, 12467-12471.	3.6	9
43	Engineering aggregation-induced SERS-active porous Au@ZnS multi-yolk-shell structures for visualization of guest species loading. RSC Advances, 2016, 6, 38690-38696.	3.6	8
44	Light control of charge transfer in metal/semiconductor heterostructures for efficient hydrogen evolution: Optical transition versus SPR. International Journal of Hydrogen Energy, 2017, 42, 26713-26722.	7.1	6
45	Low-Temperature Synthesis of Nearly Monodisperse ZnS Nanospheres Using a Facile Solution-Phase Approach. Australian Journal of Chemistry, 2006, 59, 791.	0.9	5
46	One-Pot Synthesis of Schiff Bases by Defect-Induced TiO ₂ -Catalyzed Tandem Transformation from Alcohols and Nitro Compounds. Inorganic Chemistry, 2021, 60, 10715-10721.	4.0	5
47	Engineering Homochiral Dinuclear Ir(III)-Metallohelix-Based Porous Molecular Crystals for Atropisomer Enantioseparation. Chemistry of Materials, 2022, 34, 4471-4478.	6.7	5
48	Fabrication of the stable adduct CdS/CTAB/Clay with sandwich-like nanostructures. Journal of Nanoparticle Research, 2006, 8, 661-668.	1.9	4
49	Au-nanorod-modified PCN-222(Cu) for H ₂ evolution from HCOOH dehydrogenation by photothermally enhanced photocatalysis. Chemical Communications, 2022, 58, 8520-8523.	4.1	2
50	Nanomedicine: Enhancing Photodynamic Therapy through Resonance Energy Transfer Constructed Near-Infrared Photosensitized Nanoparticles (Adv. Mater. 28/2017). Advanced Materials, 2017, 29, .	21.0	1
51	Designed formation of the stable adduct InP/CTAB/Clay. Journal of Crystal Growth, 2006, 289, 395-399.	1.5	0