

Li-Yong Chen

List of Publications by Year in descending order

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51
papers

2,181
citations

201674
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docs citations

55
times ranked

3949
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Homochiral Dinuclear Ir(III)-Metallohelix-Based Porous Molecular Crystals for Atropisomer Enantioseparation. <i>Chemistry of Materials</i> , 2022, 34, 4471-4478.	6.7	5
2	Au-nanorod-modified PCN-222(Cu) for H ₂ evolution from HCOOH dehydrogenation by photothermally enhanced photocatalysis. <i>Chemical Communications</i> , 2022, 58, 8520-8523.	4.1	2
3	Cu Nanocluster-Loaded TiO ₂ Nanosheets for Highly Efficient Generation of CO-Free Hydrogen by Selective Photocatalytic Dehydrogenation of Methanol to Formaldehyde. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18619-18626.	8.0	21
4	One-Pot Synthesis of Schiff Bases by Defect-Induced TiO ₂ -Catalyzed Tandem Transformation from Alcohols and Nitro Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 10715-10721.	4.0	5
5	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. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12043-12053.	8.0	38
6	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
7	NH ₂ -UiO-66/g-C ₃ N ₄ /CdTe composites for photocatalytic CO ₂ reduction under visible light. <i>APL Materials</i> , 2019, 7, .	5.1	14
8	ZIF-67@Co-LDH yolk-shell spheres with micro-/meso-porous structures as vehicles for drug delivery. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3140-3145.	6.0	28
9	NH ₂ -MIL-125(Ti)-derived porous cages of titanium oxides to support Pt-Co alloys for chemoselective hydrogenation reactions. <i>Chemical Science</i> , 2019, 10, 2111-2117.	7.4	34
10	Highly efficient solar steam generation of supported metal-organic framework membranes by a photoinduced electron transfer process. <i>Nanoscale</i> , 2019, 11, 11121-11127.	5.6	22
11	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
12	A novel route for the generation of Co/CoZn/CoNi layered double hydroxides at ambient temperature. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1415-1421.	6.0	12
13	N-CND modified NH ₂ -UiO-66 for photocatalytic CO ₂ conversion under visible light by a photo-induced electron transfer process. <i>Chemical Communications</i> , 2019, 55, 4845-4848.	4.1	37
14	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
15	Carbon dots prepared in different solvents with controllable structures: optical properties, cellular imaging and photocatalysis. <i>New Journal of Chemistry</i> , 2018, 42, 1690-1697.	2.8	20
16	Cobalt layered double hydroxides derived CoP/Co ₂ P hybrids for electrocatalytic overall water splitting. <i>Nanoscale</i> , 2018, 10, 21019-21024.	5.6	74
17	Magnesium-regulated oxygen vacancies of nickel layered double hydroxides for electrocatalytic water oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18378-18383.	10.3	29
18	Light control of charge transfer in metal/semiconductor heterostructures for efficient hydrogen evolution: Optical transition versus SPR. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26713-26722.	7.1	6

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19	Nanomedicine: Enhancing Photodynamic Therapy through Resonance Energy Transfer Constructed Near-Infrared Photosensitized Nanoparticles (Adv. Mater. 28/2017). Advanced Materials, 2017, 29, .	21.0	1
20	Enhancing Photodynamic Therapy through Resonance Energy Transfer Constructed Near-Infrared Photosensitized Nanoparticles. Advanced Materials, 2017, 29, 1604789.	21.0	154
21	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
22	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
23	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
24	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. Catalysis Science and Technology, 2016, 6, 1616-1620.	4.1	41
25	Synthesis of Au@UiO-66(NH ₂) ₂ structures by small molecule-assisted nucleation for plasmon-enhanced photocatalytic activity. Chemical Communications, 2016, 52, 116-119.	4.1	103
26	Understanding the Phase Emergence of Mesoporous Silica. Small, 2015, 11, 232-238.	10.0	9
27	Synthesis of Au@ZIF-8 single- or multi-core-shell structures for photocatalysis. Chemical Communications, 2014, 50, 8651.	4.1	162
28	General Methodology of Using Oil-in-Water and Water-in-Oil Emulsions for Coiling Nanofilaments. Journal of the American Chemical Society, 2013, 135, 835-843.	13.7	51
29	Exploiting Core-Shell Synergy for Nanosynthesis and Mechanistic Investigation. Accounts of Chemical Research, 2013, 46, 1636-1646.	15.6	183
30	Developing Mutually Encapsulating Materials for Versatile Syntheses of Multilayer Metal-Silica-Polymer Hybrid Nanostructures. Small, 2012, 8, 1857-1862.	10.0	20
31	Unconventional Chain-Growth Mode in the Assembly of Colloidal Gold Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 8021-8025.	13.8	131
32	Assembly of Colloidal Nanoparticles Directed by the Microstructures of Polycrystalline Ice. ACS Nano, 2011, 5, 8426-8433.	14.6	85
33	Controlling Reversible Elastic Deformation of Carbon Nanotube Rings. Journal of the American Chemical Society, 2011, 133, 9654-9657.	13.7	49
34	A redox-hydrothermal route to γ -MnO ₂ hollow octahedra. Solid State Sciences, 2009, 11, 1265-1269.	3.2	39
35	Corundum-type In ₂ O ₃ Urchin-Like Nanostructures: Synthesis Derived from Orthorhombic InOOH and Application in Photocatalysis. European Journal of Inorganic Chemistry, 2009, 2009, 903-909.	2.0	44
36	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

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37	Direct Fabrication of Tellurium/Carbon Nanocables through a Facile Solution Route. <i>Crystal Growth and Design</i> , 2009, 9, 2117-2123.	3.0	17
38	Tunable Synthesis of Various Hierarchical Structures of $\text{In}(\text{OH})_3$ and In_2O_3 Assembled by Nanocubes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1445-1451.	2.0	38
39	Fabrication of Selenium/Carbon Core-Shell Submicrowires and Carbon Submicrotubes by a Facile Solution Process. <i>Chemistry - an Asian Journal</i> , 2008, 3, 834-840.	3.3	9
40	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
41	Biomolecule-Assisted Synthesis of $\text{In}(\text{OH})_3$ Hollow Spherical Nanostructures Constructed with Well-Aligned Nanocubes and Their Conversion into In_2O_3 . <i>Journal of Physical Chemistry C</i> , 2008, 112, 18798-18803.	3.1	42
42	3D Architectures of InOOH : Ultrasonic-Assisted Synthesis, Growth Mechanism, and Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4508-4513.	2.0	16
43	Formation of Flexible Ag/C Coaxial Nanocables through a Novel Solution Process. <i>Crystal Growth and Design</i> , 2006, 6, 2422-2426.	3.0	35
44	Copper substrate-assisted growth of ellipsoidal carbon microparticles. <i>Carbon</i> , 2006, 44, 179-181.	10.3	12
45	Easy nickel substrate-assisted growth of uniform carbon microspheres and their spectroscopic properties. <i>Carbon</i> , 2006, 44, 2861-2864.	10.3	20
46	Designed formation of the stable adduct $\text{InP}/\text{CTAB}/\text{Clay}$. <i>Journal of Crystal Growth</i> , 2006, 289, 395-399.	1.5	0
47	CuO shuttle-like nanocrystals synthesized by oriented attachment. <i>Journal of Crystal Growth</i> , 2006, 291, 196-201.	1.5	106
48	Fabrication of the stable adduct $\text{CdS}/\text{CTAB}/\text{Clay}$ with sandwich-like nanostructures. <i>Journal of Nanoparticle Research</i> , 2006, 8, 661-668.	1.9	4
49	Low-Temperature Synthesis of Nearly Monodisperse ZnS Nanospheres Using a Facile Solution-Phase Approach. <i>Australian Journal of Chemistry</i> , 2006, 59, 791.	0.9	5
50	The U-shaped $\text{Fe}(\text{1-x})\text{S}$ micro-slots: growth, characterization, and magnetic property. <i>Journal of Crystal Growth</i> , 2005, 277, 314-320.	1.5	12
51	Magnetic fluids for synthesis of the stable adduct $-\text{Fe}_2\text{O}_3/\text{CTAB}/\text{Clay}$. <i>Journal of Crystal Growth</i> , 2005, 280, 118-125.	1.5	13