Yang Yang Li

List of Publications by Year
in descending order

140 papers	5,837 citations	66343 42 h-index	82547 72 g-index
146 all docs	146 docs citations	146 times ranked	8761 citing authors

#	Article	IF	Citations
1	Self-templated formation of twin-like metal-organic framework nanobricks as pre-catalysts for efficient water oxidation. Nano Research, 2022, 15, 2887-2894.	10.4	12
2	Waterâ€assisted sintering of silica: Densification mechanisms and their possible implications in biomineralization. Journal of the American Ceramic Society, 2022, 105, 2945-2954.	3.8	8
3	Strong, Ductile, and Tough Nanocrystal-Assembled Freestanding Gold Nanosheets. Nano Letters, 2022, 22, 822-829.	9.1	13
4	Doubly Doped BaZnOS Microcrystals for Multicolor Luminescence Switching. Advanced Optical Materials, 2022, 10, 2102430.	7.3	7
5	Large-Scale Epitaxial Growth of Ultralong Stripe BiFeO3 Films and Anisotropic Optical Properties. ACS Applied Materials & Interfaces, 2022, , .	8.0	1
6	SSL Stripping Technique (DHCP Snooping and ARP Spoofing Inspection). , 2022, , .		1
7	An anti-freezing biomineral hydrogel of high strain sensitivity for artificial skin applications. Nano Research, 2022, 15, 6655-6661.	10.4	14
8	Tunable ultrathin dual-phase P-doped Bi2MoO6 nanosheets for advanced lithium and sodium storage. Nano Research, 2022, 15, 6128-6137.	10.4	8
9	Encapsulating atomic molybdenum into hierarchical nitrogen-doped carbon nanoboxes for efficient oxygen reduction. Journal of Colloid and Interface Science, 2022, 620, 67-76.	9.4	7
10	Mineral Hydrogel from Inorganic Salts: Biocompatible Synthesis, Allâ€inâ€One Charge Storage, and Possible Implications in the Origin of Life. Advanced Functional Materials, 2022, 32, .	14.9	14
11	Surface-Plasmon-Assisted Growth, Reshaping and Transformation of Nanomaterials. Nanomaterials, 2022, 12, 1329.	4.1	4
12	A Znâ€“nitrite battery as an energy-output electrocatalytic system for high-efficiency ammonia synthesis using carbon-doped cobalt oxide nanotubes. Energy and Environmental Science, 2022, 15, 3024-3032.	30.8	65
13	Elastoâ€Capillary Manipulation of Freestanding Inorganic Nanosheets: An Implication for Nanoâ€Manufacturing of Lowâ€Dimensional Structures. Advanced Materials Interfaces, 2022, 9, .	3.7	3
14	In situ surface-enhanced Raman spectroscopy monitoring of molecular reorientation in plasmon-mediated chemical reactions. Journal of Catalysis, 2022, 413, 527-533.	6.2	5
15	Elastoâ€Capillary Manipulation of Freestanding Inorganic Nanosheets: An Implication for Nanoâ€Manufacturing of Lowâ€Dimensional Structures (Adv. Mater. Interfaces 20/2022). Advanced Materials Interfaces, 2022, 9, .	3.7	0
16	Anodic self-assembly method for synthesizing hierarchical FeS/FeOx hollow nanospheres. Journal of Power Sources, 2021, 484, 229268.	7.8	7
17	Simple Designed Microâ€“Nano Siâ€“Graphite Hybrids for Lithium Storage. Small, 2021, 17, e2006373.	10.0	26
18	Toward Practical Highâ€Arealâ€Capacity Aqueous Zincâ€Metal Batteries: Quantifying Hydrogen Evolution and a Solidâ€Ion Conductor for Stable Zinc Anodes. Advanced Materials, 2021, 33, e2007406.	21.0	382

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19	Plasmonic metal nanostructures: concepts, challenges and opportunities in photo-mediated chemical transformations. IScience, 2021, 24, 101982.	4.1	19
20	Bipolar Conduction and Giant Positive Magnetoresistance in Doped Metallic Titanium Oxide Heterostructures. Advanced Materials Interfaces, 2021, 8, 2002147.	3.7	2
21	Transformation of Freestanding Carbon-Containing Gold Nanosheets into Au Nanoparticles Encapsulated within Amorphous Carbon: Implications for Surface Modification of Complex-Shaped Materials and Structures. ACS Applied Nano Materials, 2021, 4, 5098-5105.	5.0	3
22	Supervariate ceramics: biomineralization mechanism. Materials Today Advances, 2021, 10, 100144.	5.2	8
23	Facile Surfactantâ€‚Reductantâ€‚and Ag Saltâ€free Growth of Ag Nanoparticles with Controllable Size from 35 to 660â€‰nm on Bulk Ag Materials. Chemistry - an Asian Journal, 2021, 16, 2249-2252.	3.3	5
24	Liquefaction-induced plasticity from entropy-boosted amorphous ceramics. Applied Materials Today, 2021, 23, 101011.	4.3	3
25	Amorphous Highâ€Entropy Hydroxides of Tunable Wide Solar Absorption for Solar Water Evaporation. Particle and Particle Systems Characterization, 2021, 38, 2100094.	2.3	3
26	Insertable and reusable SERS sensors for rapid on-site quality control of fish and meat products. Chemical Engineering Journal, 2021, 426, 130733.	12.7	26
27	Controlling Plasmon-Aided Reduction of p-Nitrothiophenol by Tuning the Illumination Wavelength. ACS Catalysis, 2021, 11, 14898-14905.	11.2	14
28	Supervariate Ceramics: Gelatinous and Monolithic Ceramics Fabricated under Ambient Conditions. Advanced Engineering Materials, 2021, 23, .	3.5	2
29	Dramatic improvement enabled by incorporating thermal conductive TiN into Si-based anodes for lithium ion batteries. Energy Storage Materials, 2020, 29, 367-376.	18.0	55
30	Morphology and strain control of hierarchical cobalt oxide nanowire electrocatalysts via solvent effect. Nano Research, 2020, 13, 3130-3136.	10.4	13
31	Design of Fe,N co-doped multi-walled carbon nanotubes for efficient oxygen reduction. Chemical Communications, 2020, 56, 14467-14470.	4.1	24
32	Two-Dimensional Electron Gas at the Spinel/Perovskite Interface: Suppression of Polar Catastrophe by an Ultrathin Layer of Interfacial Defects. ACS Applied Materials & Interfaces, 2020, 12, 42982-42991.	8.0	7
33	Fe,N Co-Doped Mesoporous Carbon Nanosheets for Oxygen Reduction. ACS Applied Nano Materials, 2020, 3, 5637-5644.	5.0	16
34	Ultrafine Nanoporous Gold via Thiol Compound-Mediated Chemical Dealloying. Journal of Physical Chemistry C, 2020, 124, 10026-10031.	3.1	4
35	Solution-Based Comproportionation Reaction for Facile Synthesis of Black TiO₂ Nanotubes and Nanoparticles. ACS Applied Energy Materials, 2020, 3, 6087-6092.	5.1	12
36	Dense Alkyne Arrays of a Zr(IV) Metalâ€“Organic Framework Absorb Co₂(CO)₈ for Functionalization. Inorganic Chemistry, 2020, 59, 5626-5631.	4.0	18

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37	CsPbI₃/PbSe Heterostructured Nanocrystals for High-Efficiency Solar Cells. ACS Energy Letters, 2020, 5, 2401-2410.	17.4	77
38	Thermal and Nonthermal Effects in Plasmonâ€Mediated Electrochemistry at Nanostructured Ag Electrodes. Angewandte Chemie - International Edition, 2020, 59, 6790-6793.	13.8	49
39	Thermal and Nonthermal Effects in Plasmonâ€Mediated Electrochemistry at Nanostructured Ag Electrodes. Angewandte Chemie, 2020, 132, 6856-6859.	2.0	4
40	Electronic-reconstruction-enhanced hydrogen evolution catalysis in oxide polymorphs. Nature Communications, 2019, 10, 3149.	12.8	42
41	Interface-based tuning of Rashba spin-orbit interaction in asymmetric oxide heterostructures with 3d electrons. Nature Communications, 2019, 10, 3052.	12.8	51
42	Tuning the Bi³⁺-photoemission color over the entire visible region by manipulating secondary cations modulation in the ScV_xP_{1â^'x}O₄:Bi³⁺ (0 â‰ x â‰ 1) solid solution. Journal of Materials Chemistry C, 2019, 7, 9865-9877.	5.5	48
43	Defective Black TiO₂ Nanotube Arrays for Enhanced Photocatalytic and Photoelectrochemical Applications. ACS Applied Nano Materials, 2019, 2, 7372-7378.	5.0	43
44	Two-Dimensional Cobalt Phosphate Hydroxide Nanosheets: A New Type of High-Performance Electrocatalysts with Intrinsic CoO₆ Lattice Distortion for Water Oxidation. ACS Applied Materials & Interfaces, 2019, 11, 38633-38640.	8.0	31
45	Lamellarly Stacking Porous N, P Coâ€Doped Mo₂C/C Nanosheets as High Performance Anode for Lithiumâ€Ion Batteries. Small, 2019, 15, e1805022.	10.0	43
46	Rare earth-free composites of carbon dots/metalâ€“organic frameworks as white light emitting phosphors. Journal of Materials Chemistry C, 2019, 7, 2207-2211.	5.5	68
47	Hydrogen-Location-Sensitive Modulation of the Redox Reactivity for Oxygen-Deficient TiO₂. Journal of the American Chemical Society, 2019, 141, 8407-8411.	13.7	59
48	Bottom-up synthesis of iron and nitrogen dual-doped porous carbon nanosheets for efficient oxygen reduction. Chemical Communications, 2019, 55, 5789-5792.	4.1	25
49	Electrochemically Synthesized Porous Ag Double Layers for Surface-Enhanced Raman Spectroscopy Applications. Langmuir, 2019, 35, 6340-6345.	3.5	4
50	Ag₂S Quantum Dots as an Infrared Excited Photocatalyst for Hydrogen Production. ACS Applied Energy Materials, 2019, 2, 2751-2759.	5.1	40
51	A Facile Strategy to Construct Silverâ€Modified, ZnOâ€Incorporated and Carbonâ€Coated Silicon/Porousâ€Carbon Nanofibers with Enhanced Lithium Storage. Small, 2019, 15, e1900436.	10.0	47
52	Anodic Synthesis of Hierarchical SnS/SnO_x Hollow Nanospheres and Their Application for Highâ€Performance Naâ€Ion Batteries. Advanced Functional Materials, 2019, 29, 1901000.	14.9	43
53	Gold Nanoparticle-Decorated Silver Needle for Surface-Enhanced Raman Spectroscopy Screening of Residual Malachite Green in Aquaculture Products. ACS Applied Nano Materials, 2019, 2, 2752-2757.	5.0	33
54	UiO-66-NO₂ as an Oxygen â€œPumpâ€• for Enhancing Oxygen Reduction Reaction Performance. Chemistry of Materials, 2019, 31, 1646-1654.	6.7	33

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55	Facile Synthesis of Nitrogenâ€Rich Carbon Dots as Fertilizers for Mung Bean Sprouts. Advanced Sustainable Systems, 2019, 3, 1800132.	5.3	40
56	Construction of FeP Hollow Nanoparticles Densely Encapsulated in Carbon Nanosheet Frameworks for Efficient and Durable Electrocatalytic Hydrogen Production. Advanced Science, 2019, 6, 1801490.	11.2	68
57	Multicolor Tuning and Temperature-Triggered Anomalous Eu³⁺-Related Photoemission Enhancement via Interplay of Accelerated Energy Transfer and Release of Defect-Trapped Electrons in the Tb³⁺,Eu³⁺-Doped Strontiumâ€“Aluminum Chlorites. ACS Applied Materials & Interfaces, 2018, 10, 36157-36170.	8.0	47
58	Tunable Transformation Between SnS and SnO_x Nanostructures via Facile Anodization and Their Photoelectrochemical and Photocatalytic Performance. Solar Rrl, 2018, 2, 1800161.	5.8	13
59	Structural evolution of a Ni/NiOx based supercapacitor in cyclic charging-discharging: A polarized neutron and X-ray reflectometry study. Electrochimica Acta, 2018, 290, 118-127.	5.2	2
60	Synthesis of Mesoporous ZIFâ€8 Nanoribbons and their Conversion into Carbon Nanoribbons for Highâ€Performance Supercapacitors. Chemistry - A European Journal, 2018, 24, 11185-11192.	3.3	24
61	Nickel nanotube array via electroplating and dealloying. Thin Solid Films, 2018, 658, 1-6.	1.8	15
62	Forming a Highly Active, Homogeneously Alloyed AuPt Co-catalyst Decoration on TiO₂ Nanotubes Directly During Anodic Growth. ACS Applied Materials & Interfaces, 2018, 10, 18220-18226.	8.0	37
63	gâ€C₃N₄â€Modified Waterâ€Crystallized Mesoporous SnO₂ for Enhanced Photoelectrochemical Properties. Particle and Particle Systems Characterization, 2018, 35, 1800155.	2.3	14
64	Observation of superconductivity in structure-selected Ti2O3 thin films. NPG Asia Materials, 2018, 10, 522-532.	7.9	43
65	From Titanium Sesquioxide to Titanium Dioxide: Oxidation-Induced Structural, Phase, and Property Evolution. Chemistry of Materials, 2018, 30, 4383-4392.	6.7	42
66	Black TiO₂ Nanomaterials Through Electrochemical and Mechanical Methods. , 2017, , 33-47.		0
67	In situ reduction of silver nanoparticles on hybrid polydopamineâ€“copper phosphate nanoflowers with enhanced antimicrobial activity. Journal of Materials Chemistry B, 2017, 5, 5311-5317.	5.8	34
68	Facile fabrication of N/S-doped carbon nanotubes with Fe₃O₄ nanocrystals enchased for lasting synergy as efficient oxygen reduction catalysts. Journal of Materials Chemistry A, 2017, 5, 13189-13195.	10.3	50
69	Nitrogen-Doped Nanoporous Carbon Membranes with Co/CoP Janus-Type Nanocrystals as Hydrogen Evolution Electrode in Both Acidic and Alkaline Environments. ACS Nano, 2017, 11, 4358-4364.	14.6	199
70	Titanium dioxide nanomaterials for photocatalysis. Journal Physics D: Applied Physics, 2017, 50, 193003.	2.8	37
71	Mesoporous C-coated SnO_xnanosheets on copper foil as flexible and binder-free anodes for superior sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 2243-2250.	10.3	33
72	Water-enabled crystallization of mesoporous SnO₂ as a binder-free electrode for enhanced sodium storage. Journal of Materials Chemistry A, 2017, 5, 23967-23975.	10.3	30

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73	Synthesis of g-C₃N₄/Silica Gels for White-Light-Emitting Devices. Particle and Particle Systems Characterization, 2017, 34, 1600258.	2.3	25
74	Hydrothermal preparation of hierarchical MoS2-reduced graphene oxide nanocomposites towards remarkable enhanced visible-light photocatalytic activity. Ceramics International, 2017, 43, 2384-2388.	4.8	20
75	Wide angle and narrow-band asymmetric absorption in visible and near-infrared regime through lossy Bragg stacks. Scientific Reports, 2016, 6, 27061.	3.3	6
76	Self-ordered Nanotubular TiO2 Multilayers for High-Performance Photocatalysts and Supercapacitors. Electrochimica Acta, 2016, 203, 257-264.	5.2	78
77	Mesoporous SnO₂ Nanostructures of Ultrahigh Surface Areas by Novel Anodization. ACS Applied Materials & Interfaces, 2016, 8, 28862-28871.	8.0	30
78	Bestow metal foams with nanostructured surfaces via a convenient electrochemical method for improved device performance. Nano Research, 2016, 9, 2364-2371.	10.4	12
79	Fe_{1â^'x}S/C nanocomposites from sugarcane waste-derived microporous carbon for high-performance lithium ion batteries. Green Chemistry, 2016, 18, 3029-3039.	9.0	83
80	Low-temperature fabrication of brown TiO₂ with enhanced photocatalytic activities under visible light. Chemical Communications, 2016, 52, 2988-2991.	4.1	71
81	Anodic nanoporous SnO2 grown on Cu foils as superior binder-free Na-ion battery anodes. Journal of Power Sources, 2016, 307, 634-640.	7.8	64
82	Ultrathin Cu₂O as an efficient inorganic hole transporting material for perovskite solar cells. Nanoscale, 2016, 8, 6173-6179.	5.6	191
83	High-performance supercapacitors based on amorphous C-modified anodic TiO2 nanotubes. Applied Surface Science, 2016, 362, 399-405.	6.1	31
84	Triple-layer Fabryâ€“Perot/SPP aluminum absorber in the visible and near-infrared region. Optics Letters, 2015, 40, 934.	3.3	8
85	Reproducible and recyclable SERS substrates: Flower-like Ag structures with concave surfaces formed by electrodeposition. Applied Surface Science, 2015, 333, 126-133.	6.1	30
86	An Alumina-Coated Fe3O4-Reduced Graphene Oxide Composite Electrode as a Stable Anode for Lithium-ion Battery. Electrochimica Acta, 2015, 156, 147-153.	5.2	52
87	A sustained intravitreal drug delivery system with remote real time monitoring capability. Acta Biomaterialia, 2015, 24, 309-321.	8.3	12
88	A feasible approach toward bioactive glass nanofibers with tunable protein release kinetics for bone scaffolds. Colloids and Surfaces B: Biointerfaces, 2014, 122, 785-791.	5.0	20
89	Electrochemical fabrication and optical properties of porous tin oxide films with structural colors. Journal of Applied Physics, 2014, 116, .	2.5	9
90	Polymer-pyrolysis assisted synthesis of vanadium trioxide and carbon nanocomposites as high performance anode materials for lithium-ion batteries. Journal of Power Sources, 2014, 261, 184-187.	7.8	52

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91	Electrochemical dealloying using pulsed voltage waveforms and its application for supercapacitor electrodes. Journal of Power Sources, 2014, 257, 374-379.	7.8	25
92	Electrochemical doping of anatase TiO₂in organic electrolytes for high-performance supercapacitors and photocatalysts. Journal of Materials Chemistry A, 2014, 2, 229-236.	10.3	172
93	One-pot scalable synthesis of Cuâ€“CuFe₂O₄/graphene composites as anode materials for lithium-ion batteries with enhanced lithium storage properties. Journal of Materials Chemistry A, 2014, 2, 13892.	10.3	56
94	Hierarchical Composite Electrodes of Nickel Oxide Nanoflake 3D Graphene for Highâ€Performance Pseudocapacitors. Advanced Functional Materials, 2014, 24, 6372-6380.	14.9	210
95	Periodic porous silicon thin films with interconnected channels as durable anode materials for lithium ion batteries. Materials Chemistry and Physics, 2014, 144, 25-30.	4.0	38
96	Efficient Ternary CdSSe Quantumâ€Dotâ€Sensitized Solar Cells based on MgOâ€coated TiO₂ Nanoparticles. Energy Technology, 2014, 2, 526-530.	3.8	10
97	Scalable synthesis of Fe3O4 nanoparticles anchored on graphene as a high-performance anode for lithium ion batteries. Journal of Solid State Chemistry, 2013, 201, 330-337.	2.9	43
98	Electrochemical Fabrication of Coaxial Wavyâ€Channel Ni^{III}O(OH)/Ni Nanocomposites for Highâ€Performance Supercapacitor Electrode Materials. Energy Technology, 2013, 1, 478-483.	3.8	8
99	Electrochemically fabricated nanovolcano arrays for SERS applications. Journal of Raman Spectroscopy, 2013, 44, 29-34.	2.5	5
100	Selective Removal of the Outer Shells of Anodic TiO₂ Nanotubes. Small, 2013, 9, 37-44.	10.0	34
101	TiO2Nanotubes: Selective Removal of the Outer Shells of Anodic TiO2Nanotubes (Small 1/2013). Small, 2013, 9, 36-36.	10.0	2
102	Thermal evaporation-induced anhydrous synthesis of Fe3O4â€“graphene composite with enhanced rate performance and cyclic stability for lithium ion batteries. Physical Chemistry Chemical Physics, 2013, 15, 7174.	2.8	58
103	Evaporation-induced synthesis of carbon-supported Fe3O4 nanocomposites as anode material for lithium-ion batteries. CrystEngComm, 2013, 15, 1324.	2.6	38
104	Selective electrodeposition of Ni into the intertubular voids of anodic TiO₂ nanotubes for improved photocatalytic properties. Journal of Materials Research, 2013, 28, 405-410.	2.6	20
105	TiO₂ Nanotube Array/Monolayer Graphene Film Schottky Junction Ultraviolet Light Photodetectors. Particle and Particle Systems Characterization, 2013, 30, 630-636.	2.3	53
106	Triple-layer Fabry-Perot absorber with near-perfect absorption in visible and near-infrared regime. Optics Express, 2013, 21, 25307.	3.4	89
107	Gradient TiO₂Nanotube Arrays via Asymmetric Anodization. ECS Journal of Solid State Science and Technology, 2012, 1, M6-M9.	1.8	7
108	Metallic rugate structures for near-perfect absorbers in visible and near-infrared regions. Optics Letters, 2012, 37, 3495.	3.3	6

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109	Porous metal-based multilayers for selective thermal emitters. Optics Letters, 2012, 37, 4883.	3.3	6
110	Rugated porous Fe3O4 thin films as stable binder-free anode materials for lithium ion batteries. Journal of Materials Chemistry, 2012, 22, 22692.	6.7	30
111	Facile Fabrication of Porous Nickel Films with Tunable Colors. Journal of the Electrochemical Society, 2012, 159, H928-H931.	2.9	0
112	Highly Stable Porous Siliconâ€“Carbon Composites as Label-Free Optical Biosensors. ACS Nano, 2012, 6, 10546-10554.	14.6	76
113	Self-Cleaning Organic Vapor Sensor Based on a Nanoporous TiO2 Interferometer. ACS Applied Materials & Interfaces, 2012, 4, 4177-4183.	8.0	30
114	Porous TiO₂ Photonic Band Gap Materials by Anodization. Journal of Physical Chemistry C, 2012, 116, 5509-5515.	3.1	61
115	Growth of TiO2 nanorod arrays on reduced graphene oxide with enhanced lithium-ion storage. Journal of Materials Chemistry, 2012, 22, 19061.	6.7	65
116	Metal-based rugate filters with strong visible and near-infrared reflectivity. Applied Physics B: Lasers and Optics, 2012, 107, 669-673.	2.2	2
117	Integration of nano-Al with Co3O4 nanorods to realize high-exothermic coreâ€“shell nanoenergetic materials on a silicon substrate. Combustion and Flame, 2012, 159, 2202-2209.	5.2	91
118	Electrochemical fabrication and optical properties of periodically structured porous Fe2O3 films. Electrochemistry Communications, 2012, 20, 178-181.	4.7	18
119	TiO2 nanotube-based field effect transistors and their application as humidity sensors. Materials Research Bulletin, 2012, 47, 54-58.	5.2	47
120	Morphology Control of Anodic TiO2 Nanomaterials via Cold Work Pretreatment of Ti Foils. Journal of the Electrochemical Society, 2011, 158, C346.	2.9	18
121	Rapid Microwave Synthesis of Porous TiO₂ Spheres and Their Applications in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2011, 115, 10419-10425.	3.1	111
122	TiO2-Based Nano-Wells for Fabricating Nanocrystals. Journal of Nanoscience and Nanotechnology, 2011, 11, 11059-11063.	0.9	2
123	Influence of modification method and transition metal type on the physicochemical properties of MCM-41 catalysts and their performances in the catalytic ozonation of toluene. Applied Catalysis B: Environmental, 2011, 107, 245-252.	20.2	45
124	Anodic TiO₂â€based porous photonic films. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 1389-1393.	1.8	4
125	Gradient TiO₂ nanotube arrays. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1812-1814.	0.8	7
126	Photonic porous siliconâ€based hybrid particles by softâ€lithography. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1754-1758.	0.8	6

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127	Facile synthesis and electrochemical characterization of porous and dense TiO2 nanospheres for lithium-ion battery applications. Journal of Power Sources, 2011, 196, 6394-6399.	7.8	75
128	A facile method to improve the high rate capability of Co3O4 nanowire array electrodes. Nano Research, 2010, 3, 895-901.	10.4	165
129	Metal-based photonic coatings from electrochemical methods. , 2010, , .		0
130	Metal-Based Photonic Coatings from Electrochemical Deposition. Journal of the Electrochemical Society, 2009, 156, D508.	2.9	16
131	pH-triggered release of vancomycin from protein-capped porous silicon films. Nanomedicine, 2008, 3, 31-43.	3.3	74
132	Painting a rainbow on silicon - a simple method to generate a porous silicon band filter gradient. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 1616-1618.	1.8	25
133	Novel Form Birefringence Modeling for an Ultracompact Sensor in Porous Silicon Films Using Polarization Interferometry. IEEE Photonics Technology Letters, 2004, 16, 1546-1548.	2.5	7
134	Vapor sensor realized in an ultracompact polarization interferometer built of a freestanding porous-silicon form birefringent film. IEEE Photonics Technology Letters, 2003, 15, 834-836.	2.5	13
135	Polymer Replicas of Photonic Porous Silicon for Sensing and Drug Delivery Applications. Science, 2003, 299, 2045-2047.	12.6	367
136	Vapor Sensors Based on Optical Interferometry from Oxidized Microporous Silicon Films. Langmuir, 2002, 18, 2229-2233.	3.5	88
137	Novel porous silicon vapor sensor based on polarization interferometry. Sensors and Actuators B: Chemical, 2002, 87, 58-62.	7.8	34
138	Biomolecular screening with encoded porous-silicon photonic crystals. Nature Materials, 2002, 1, 39-41.	27.5	395
139	Porous silicon vapor sensor based on polarization interferometry. , 0, , .		0
140	Supervariate Ceramics: Gelatinous and Monolithic Ceramics Fabricated under Ambient Conditions. Advanced Engineering Materials, 0, , 2100866.	3.5	7