Lifeng Cui

List of Publications by Year in Descending Order

121 papers	4,327 citations	35 h-index	62 g-index
126 ext. papers	5,548 ext. citations	8.7 avg, IF	6.04 L-index

#	Paper	IF	Citations
121	Regulation of zeolite-derived upconversion photocatalytic system for near infrared light/ultrasound dual-triggered multimodal melanoma therapy under a boosted hypoxia relief tumor microenvironment via autophagy. *Chemical Engineering Journal*, **2022**, 429, 132484	14.7	3
120	Recent advancement and future challenges of photothermal catalysis for VOCs elimination: From catalyst design to applications. *Green Energy and Environment*, **2022**,	5.7	7
119	Boosting CO methanation on ceria supported transition metal catalysts via chelation coupled wetness impregnation.. *Journal of Colloid and Interface Science*, **2022**, 620, 77-85	9.3	1
118	Fabrication of Ag/ZnO hollow nanospheres and cubic TiO2/ZnO heterojunction photocatalysts for RhB degradation. *Nanotechnology Reviews*, **2021**, 10, 1349-1358	6.3	2
117	Facile template-free synthesis of mesoporous cobalt sulfide for high-performance hybrid supercapacitors. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 28663	2.1	
116	Mesoporous structure and amorphous Fe-N sites regulation in Fe-g-CN for boosted visible-light-driven photo-Fenton reaction. *Journal of Colloid and Interface Science*, **2021**, 608, 2515-2515	9.3	7
115	The Ionic Organic Cage: An Effective and Recyclable Testbed for Catalytic CO2 Transformation. *Catalysts*, **2021**, 11, 358	4	1
114	Controllable synthesis of nitrogen-doped carbon containing Co and CoFe nanoparticles as effective catalysts for electrochemical oxygen conversion. *Journal of Colloid and Interface Science*, **2021**, 590, 622-631	9.3	17
113	Highly dispersed Co4N nanoparticles coated by g-C3N4 nanotube: An active bifunctional electrocatalyst for oxygen reduction and oxygen evolution reaction. *Chemical Engineering Journal*, **2021**, 413, 127954	14.7	6
112	Hierarchically porous carbon derived from potassium-citrate-loaded poplar catkin for high performance supercapacitors. *Journal of Colloid and Interface Science*, **2021**, 582, 940-949	9.3	25
111	Research advances in biomass-derived nanostructured carbons and their composite materials for electrochemical energy technologies. *Progress in Materials Science*, **2021**, 118, 100770	42.2	21
110	Heterogeneous lamellar-edged Fe-Ni(OH)2/Ni3S2 nanoarray for efficient and stable seawater oxidation. *Nano Research*, **2021**, 14, 1149-1155	10	48
109	Enhanced flux and fouling resistance forward osmosis membrane based on a hydrogel/MOF hybrid selective layer. *Journal of Colloid and Interface Science*, **2021**, 585, 158-166	9.3	11
108	Effect of nicotinamide mononucleotide on tumor formation and growth in a lung cancer mouse model. *Materials Chemistry Frontiers*, **2021**, 5, 995-1002	7.8	
107	Boosting potassium-ion storage in large-diameter carbon nanotubes/MoP hybrid. *Journal of Colloid and Interface Science*, **2021**, 584, 875-884	9.3	7
106	Protonated 2D carbon nitride sensitized with Ce6 as a smart metal-free nanoplatform for boosted acute multimodal photo-sono tumor inactivation and long-term cancer immunotherapy. *Chemical Engineering Journal*, **2021**, 422, 130089	14.7	10
105	Engineering of anatase/rutile TiO heterophase junction via in-situ phase transformation for enhanced photocatalytic hydrogen evolution. *Journal of Colloid and Interface Science*, **2021**, 599, 795-804	9.3	13

104	Construction of hierarchically porous biomass carbon using iodine as pore-making agent for energy storage. *Journal of Colloid and Interface Science*, **2021**, 599, 351-359	9.3	3
103	Regulation of carboxyl groups and structural defects of graphitic carbon nitride via environmental-friendly glucose oxidase ring-opening modulation. *Applied Catalysis B: Environmental*, **2021**, 297, 120441	21.8	8
102	Accelerating the redox kinetics by catalytic activation of dead sulfur in lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2021**, 9, 13442-13458	13	11
101	N/S co-doped CoSe/C nanocubes as anode materials for Li-ion batteries. *Nanotechnology Reviews*, **2021**, 11, 244-251	6.3	0
100	Self-assembled CdS@BN core-shell photocatalysts for efficient visible-light-driven photocatalytic hydrogen evolution. *International Journal of Hydrogen Energy*, **2020**, 45, 14841-14848	6.7	7
99	Boosting catalytic degradation efficiency by incorporation of MIL-53(Fe) with Ti3C2Tx nanosheeets. *Journal of Molecular Liquids*, **2020**, 311, 113201	6	19
98	Dramatic enhancement of photocatalytic H evolution over hydrolyzed MOF-5 coupled ZnCdS heterojunction. *Journal of Colloid and Interface Science*, **2020**, 577, 233-241	9.3	7
97	Two-step calcination synthesis of Z-scheme Fe2O3/few-layer g-C3N4 composite with enhanced hydrogen production and photodegradation under visible light. *Journal of the Chinese Chemical Society*, **2020**, 67, 2050-2061	1.5	2
96	Flexible nanocellulose enhanced Li+ conducting membrane for solid polymer electrolyte. *Energy Storage Materials*, **2020**, 28, 293-299	19.4	31
95	A new perspective of lanthanide metal-organic frameworks: tailoring Dy-BTC nanospheres for rechargeable Li-O batteries. *Nanoscale*, **2020**, 12, 9524-9532	7.7	21
94	A functional hyperbranched binder enabling ultra-stable sulfur cathode for high-performance lithium-sulfur battery. *Journal of Energy Chemistry*, **2020**, 50, 63-72	12	19
93	Peptoid-based hierarchically-structured biomimetic nanomaterials: Synthesis, characterization and applications. *Science China Materials*, **2020**, 63, 1099-1112	7.1	5
92	A robust flame retardant fluorinated polyimide nanofiber separator for high-temperature lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2020**, 8, 14788-14798	13	17
91	Graphitic carbon embedded with Fe/Ni nano-catalysts derived from bacterial precursor for efficient toluene cracking. *Green Chemistry*, **2020**, 22, 1934-1943	10	13
90	In situ integration of CoN and CoFe alloy nanoparticles into intertwined carbon network for efficient oxygen reduction. *Journal of Colloid and Interface Science*, **2020**, 569, 267-276	9.3	13
89	Boosting near-infrared-driven photocatalytic H2 evolution using protoporphyrin-sensitized g-C3N4. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 396, 112517	4.7	15
88	Review of construction and demolition waste management in China and USA. *Journal of Environmental Management*, **2020**, 264, 110445	7.9	83
87	Catalytic oxidation of toluene using a facile synthesized Ag nanoparticle supported on UiO-66 derivative. *Journal of Colloid and Interface Science*, **2020**, 571, 38-47	9.3	78

86	A high-capacity iron silicide–air primary battery in an acidic saline electrolyte. *New Journal of Chemistry*, **2020**, 44, 1624-1631	3.6	
85	An instant, biocompatible and biodegradable high-performance graphitic carbon nitride. *Journal of Colloid and Interface Science*, **2020**, 563, 336-346	9.3	12
84	Ultrafast plasma immersion strategy for rational modulation of oxygen-containing and amino groups in graphitic carbon nitride. *Carbon*, **2020**, 159, 51-64	10.4	27
83	A multifunctional polyimide nanofiber separator with a self-closing polyamide–polyvinyl alcohol top layer with a Turing structure for high-performance lithium–sulfur batteries. *Materials Advances*, **2020**, 1, 3449-3459	3.3	4
82	Surface functionalized red fluorescent dual-metallic Au/Ag nanoclusters for endoplasmic reticulum imaging. *Mikrochimica Acta*, **2020**, 187, 606	5.8	3
81	Honeycomb-like g-C3N4/CeO2-x nanosheets obtained via one step hydrothermal-roasting for efficient and stable Cr(VI) photo-reduction. *Chinese Chemical Letters*, **2020**, 31, 2747-2751	8.1	8
80	Tungsten nitride atomic clusters embedded two-dimensional g-C3N4 as efficient electrocatalysts for oxygen reduction reaction. *Carbon*, **2020**, 169, 82-91	10.4	11
79	Facile fabrication of Mn-doped ZnO photocatalysts by electrospinning. *Royal Society Open Science*, **2020**, 7, 191050	3.3	11
78	Recent Advances in Supported Metal Catalysts and Oxide Catalysts for the Reverse Water-Gas Shift Reaction. *Frontiers in Chemistry*, **2020**, 8, 709	5	22
77	Effect of surface amphiphilic property of azobenzene self-assembled electrode materials on properties of supercapacitors. *Ionics*, **2020**, 26, 523-529	2.7	
76	In-situ homodispersely immobilization of Ag@AgCl on chloridized g-C3N4 nanosheets as an ultrastable plasmonic photocatalyst. *Chemical Engineering Journal*, **2020**, 384, 123259	14.7	45
75	Ultrastable metal-free near-infrared-driven photocatalysts for H2 production based on protonated 2D g-C3N4 sensitized with Chlorin e6. *Applied Catalysis B: Environmental*, **2020**, 260, 118137	21.8	45
74	Multidimensional Integrated Chalcogenides Nanoarchitecture Achieves Highly Stable and Ultrafast Potassium-Ion Storage. *Small*, **2019**, 15, e1903720	11	34
73	Facile synthesis of 3D flower-like mesoporous Ce-ZnO at room temperature for the sunlight-driven photocatalytic degradations of RhB and phenol. *Journal of Colloid and Interface Science*, **2019**, 556, 726-733	9.3	17
72	Polymeric structure optimization of g-CN by using confined argon-assisted highly-ionized ammonia plasma for improved photocatalytic activity. *Journal of Colloid and Interface Science*, **2019**, 556, 214-223	9.3	9
71	Reduced graphene oxide wrap buffering volume expansion of MnSnO anodes for enhanced stability in lithium-ion batteries. *Dalton Transactions*, **2019**, 48, 504-511	4.3	7
70	Oxygen vacancy-rich nitrogen-doped CoO nanosheets as an efficient water-resistant catalyst for low temperature CO oxidation. *Journal of Colloid and Interface Science*, **2019**, 553, 427-435	9.3	23
69	Highly doped N, S-Codoped carbon nanomeshes for excellent electrocapacitive performance. *Journal of Alloys and Compounds*, **2019**, 803, 704-710	5.7	10

68	Eley-Rideal model of heterogeneous catalytic carbamate formation based on CO-MEA absorptions with CaCO, MgCO and BaCO. *Royal Society Open Science*, **2019**, 6, 190311	3.3	4
67	A facile strategy to synthesize Pd/TiO2 nanotube arrays with high visible light photocatalytic performance. *Research on Chemical Intermediates*, **2019**, 45, 2167-2177	2.8	5
66	Moderate NaNO2 etching enables easy crystallinity optimization of g-C3N4 with superior photoreduction performance. *Inorganic Chemistry Frontiers*, **2019**, 6, 1304-1311	6.8	3
65	Study of Catalytic CO2 Absorption and Desorption with Tertiary Amine DEEA and 1DMA-2P with the Aid of Solid Acid and Solid Alkaline Chemicals. *Molecules*, **2019**, 24,	4.8	6
64	Surface Amino Group Regulation and Structural Engineering of Graphitic Carbon Nitride with Enhanced Photocatalytic Activity by Ultrafast Ammonia Plasma Immersion Modification. *ACS Applied Materials & Interfaces*, **2019**, 11, 14952-14959	9.5	24
63	ZnO nanorod arrays grown on g-CN micro-sheets for enhanced visible light photocatalytic H evolution.. *RSC Advances*, **2019**, 9, 24483-24488	3.7	15
62	Three-dimensional mesoporous sandwich-like g-CN-interconnected CuCoO nanowires arrays as ultrastable anode for fast lithium storage. *Journal of Colloid and Interface Science*, **2019**, 554, 269-277	9.3	22
61	Bacteria-motivated pore structure regulation of graphitic carbon nitride for enhanced H2 evaluation under visible light irradiation. *Materials Letters*, **2019**, 234, 208-211	3.3	3
60	Ultrahigh-temperature conversion of biomass to highly conductive graphitic carbon. *Carbon*, **2019**, 144, 241-248	10.4	28
59	In-situ fabrication of needle-shaped MIL-53(Fe) with 1T-MoS2 and study on its enhanced photocatalytic mechanism of ibuprofen. *Chemical Engineering Journal*, **2019**, 359, 254-264	14.7	114
58	Adsorption/desorption kinetics and breakthrough of gaseous toluene for modified microporous-mesoporous UiO-66 metal organic framework. *Journal of Hazardous Materials*, **2019**, 366, 140-150	12.8	178
57	Dramatic Enhancement of CO2 Photoreduction by Biodegradable Light-Management Paper. *Advanced Energy Materials*, **2018**, 8, 1703136	21.8	24
56	Scalable and clean exfoliation of graphitic carbon nitride in NaClO solution: enriched surface active sites for enhanced photocatalytic H2 evolution. *Green Chemistry*, **2018**, 20, 1354-1361	10	62
55	High and stable catalytic activity of Ag/Fe2O3 catalysts derived from MOFs for CO oxidation. *Molecular Catalysis*, **2018**, 447, 80-89	3.3	128
54	Self-supporting S@GO-FWCNTs composite films as positive electrodes for high-performance lithium-sulfur batteries.. *RSC Advances*, **2018**, 8, 2260-2266	3.7	9
53	Facile fabrication of nano-sized hollow-CdS@g-C3N4 Core-shell spheres for efficient visible-light-driven hydrogen evolution. *Applied Surface Science*, **2018**, 456, 464-472	6.7	63
52	Facile synthesis of highly active fluorinated ultrathin graphitic carbon nitride for photocatalytic H evolution using a novel NaF etching strategy.. *RSC Advances*, **2018**, 8, 27021-27026	3.7	2
51	Cobalt and Nitrogen Co-Doped Graphene-Carbon Nanotube Aerogel as an Efficient Bifunctional Electrocatalyst for Oxygen Reduction and Evolution Reactions. *Catalysts*, **2018**, 8, 275	4	15

50	Core-shell CdS@MnS nanorods as highly efficient photocatalysts for visible light driven hydrogen evolution. *Applied Surface Science*, **2018**, 457, 863-869	6.7	45
49	"Alternated cooling and heating" strategy enables rapid fabrication of highly-crystalline g-C3N4 nanosheets for efficient photocatalytic water purification under visible light irradiation. *Carbon*, **2018**, 137, 19-30	10.4	43
48	Efficient visible-light-driven hydrogen evolution over ternary MoS2/PtTiO2 photocatalysts with low overpotential. *International Journal of Hydrogen Energy*, **2018**, 43, 16534-16542	6.7	13
47	Constructing Highly Uniform Onion-Ring-like Graphitic Carbon Nitride for Efficient Visible-Light-Driven Photocatalytic Hydrogen Evolution. *ACS Nano*, **2018**, 12, 5551-5558	16.7	161
46	Lightweight, Mesoporous, and Highly Absorptive All-Nanofiber Aerogel for Efficient Solar Steam Generation. *ACS Applied Materials & Interfaces*, **2018**, 10, 1104-1112	9.5	227
45	Mesoporous black TiO2 array employing sputtered Au cocatalyst exhibiting efficient charge separation and high H2 evolution activity. *International Journal of Hydrogen Energy*, **2018**, 43, 22265-22272	6.7	14
44	Reversible conductivity recovery of highly sensitive flexible devices by water vapor. *Npj Flexible Electronics*, **2018**, 2,	10.7	9
43	Graphitic Carbon Nitride Sputtered with Silver Nanoparticles for Efficient Photocatalytic Degradation of Rhodamine B Dye. *International Journal of Electrochemical Science*, **2018**, 4981-4990	2.2	6
42	Reusable N-Heterocyclic Carbene Complex Catalysts and Beyond: A Perspective on Recycling Strategies. *Chemical Reviews*, **2018**, 118, 9843-9929	68.1	115
41	Constructing ultrathin g-C3N4 nanosheets with hierarchical pores by NaClO induced wet etching for efficient photocatalytic Cr(VI) detoxification under visible light irradiation. *Diamond and Related Materials*, **2018**, 88, 51-59	3.5	15
40	Synthesis of highly efficient □Fe 2 O 3 catalysts for CO oxidation derived from MIL-100(Fe). *Journal of Solid State Chemistry*, **2017**, 247, 168-172	3.3	59
39	Enhanced efficiency and stability of Co0.5Cd0.5S/g-C3N4 composite photo-catalysts for hydrogen evolution from water under visible light irradiation. *International Journal of Hydrogen Energy*, **2017**, 42, 5741-5748	6.7	14
38	Amine regeneration tests on MEA, DEA, and MMEA with respect to cabamate stability analyses. *Canadian Journal of Chemical Engineering*, **2017**, 95, 1471-1479	2.3	11
37	Interconnected Phosphorus and Nitrogen Codoped Porous Exfoliated Carbon Nanosheets for High-Rate Supercapacitors. *ACS Applied Materials & Interfaces*, **2017**, 9, 17317-17325	9.5	68
36	Fast flash frozen synthesis of holey few-layer g-C3N4 with high enhancement of photocatalytic reactive oxygen species evolution under visible light irradiation. *Applied Catalysis B: Environmental*, **2017**, 211, 266-274	21.8	70
35	Direct synthesis of interconnected N, S-codoped porous exfoliated carbon nanosheets as advanced electrocatalysts for oxygen reduction reaction. *Carbon*, **2017**, 122, 114-121	10.4	32
34	Tryptone based synthesis of TiO2@graphite carbon heterojunction with enhanced Photoreduction activity under visible light. *Catalysis Communications*, **2017**, 99, 71-74	3.2	2
33	Substrate-mediated growth of vanadium carbide with controllable structure as high performance electrocatalysts for dye-sensitized solar cells. *RSC Advances*, **2017**, 7, 26710-26716	3.7	10

32	Biotemplating Synthesis of Graphitic Carbon-Coated TiO2 and Its Application as Efficient Visible-Light-Driven Photocatalyst for Cr6+ Remove. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 3938-3944	8.3	23
31	Synthesis of highly efficient Mn 2 O 3 catalysts for CO oxidation derived from Mn-MIL-100. *Applied Surface Science*, **2017**, 411, 27-33	6.7	136
30	Efficient Photocatalytic Bilirubin Removal over the Biocompatible Core/Shell P25/g-CN Heterojunctions with Metal-free Exposed Surfaces under Moderate Green Light Irradiation. *Scientific Reports*, **2017**, 7, 44338	4.9	13
29	Graphitic carbon nitride-stabilized CdS@CoS nanorods: An efficient visible-light-driven photocatalyst for hydrogen evolution with enhanced photo-corrosion resistance. *International Journal of Hydrogen Energy*, **2017**, 42, 28183-28192	6.7	23
28	Effects of Preparation Method on the Structure and Catalytic Activity of AgFe2O3 Catalysts Derived from MOFs. *Catalysts*, **2017**, 7, 382	4	40
27	CuO/Cu2O nanowire arrays grafted by reduced graphene oxide: synthesis, characterization, and application in photocatalytic reduction of CO2. *RSC Advances*, **2017**, 7, 43642-43647	3.7	51
26	Heterogeneous catalysis of CO2-diethanolamine absorption with MgCO3 and CaCO3 and comparing to non-catalytic CO2-monoethanolamine interactions. *Reaction Kinetics, Mechanisms and Catalysis*, **2017**, 122, 539-555	1.6	12
25	A High-Performance, Low-Tortuosity Wood-Carbon Monolith Reactor. *Advanced Materials*, **2017**, 29, 1604257	24	69
24	Facile preparation of Z-scheme WO 3 /g-C 3 N 4 composite photocatalyst with enhanced photocatalytic performance under visible light. *Applied Surface Science*, **2017**, 391, 202-210	6.7	251
23	Study of catalytic activity at the Ag/Al-SBA-15 catalysts for CO oxidation and selective CO oxidation. *Chemical Engineering Journal*, **2016**, 283, 1097-1107	14.7	63
22	Surfactant-assisted Nanocasting Route for Synthesis of Highly Ordered Mesoporous Graphitic Carbon and Its Application in CO2 Adsorption. *Scientific Reports*, **2016**, 6, 26673	4.9	12
21	Facile synthesis of Y-doped graphitic carbon nitride with enhanced photocatalytic performance. *Catalysis Communications*, **2016**, 84, 179-182	3.2	44
20	Effect of support calcination temperature on Ag structure and catalytic activity for CO oxidation. *Chemical Research in Chinese Universities*, **2016**, 32, 455-460	2.2	16
19	Synthesis of Mo-doped graphitic carbon nitride catalysts and their photocatalytic activity in the reduction of CO2 with H2O. *Catalysis Communications*, **2016**, 74, 75-79	3.2	76
18	Preparation of Magnetic Iron/Graphitic Mesoporous Carbon Composites as Efficient Returnable Adsorbents for Methyl Orange Removal. *International Journal of Electrochemical Science*, **2016**, 8346-8353	2.2	2
17	Facile One-Step Synthesis of Hybrid Graphitic Carbon Nitride and Carbon Composites as High-Performance Catalysts for CO2 Photocatalytic Conversion. *ACS Applied Materials & Interfaces*, **2016**, 8, 17212-9	9.5	109
16	High-performance MgCo2O4 nanocone arrays grown on three-dimensional nickel foams: Preparation and application as binder-free electrode for pseudo-supercapacitor. *Journal of Power Sources*, **2016**, 333, 118-124	8.9	73
15	Simple solid-state method for synthesis of Li[Li0.20Mn0.534Ni0.133Co0.133]O2 cathode material with improved electrochemical performance in lithium-ion batteries. *Journal of Solid State Electrochemistry*, **2015**, 19, 525-531	2.6	4

14	ZnO nanorod arrays on cubic Ag3PO4 microcrystals with enhanced photocatalytic property. *Materials Letters*, **2015**, 159, 325-328	3.3	6
13	Lignin based synthesis of carbon nanocages assembled from graphitic layers with hierarchical pore structure. *Materials Letters*, **2015**, 159, 463-465	3.3	14
12	Simple synthesis of mesoporous FeNi/graphitic carbon nanocomposite catalysts and study on their activities in catalytic cracking of toluene. *Materials Chemistry and Physics*, **2015**, 167, 347-353	4.4	7
11	A urea-assisted template method to synthesize mesoporous N-doped CeO2 for CO2 capture. *Dalton Transactions*, **2015**, 44, 18718-22	4.3	13
10	Comparing activated carbon of different particle sizes on enhancing methane generation in upflow anaerobic digester. *Bioresource Technology*, **2015**, 196, 606-12	11	134
9	Simple synthesis of Zr-doped graphitic carbon nitride towards enhanced photocatalytic performance under simulated solar light irradiation. *Catalysis Communications*, **2015**, 72, 24-28	3.2	41
8	General synthesis of magnetic mesoporous FeNi/graphitic carbon nanocomposites and their application for dye adsorption. *Journal of Alloys and Compounds*, **2015**, 627, 7-12	5.7	35
7	Preferential carbon monoxide oxidation on Ag/Al-SBA-15 catalysts: Effect of the Si/Al ratio. *Chemical Engineering Journal*, **2015**, 269, 94-104	14.7	54
6	Nitrogen and Phosphate Recovery from Source-Separated Urine by Dosing with Magnesite and Zeolite. *Polish Journal of Environmental Studies*, **2015**, 24, 2269-2275	2.3	8
5	Enhanced photocatalytic performance of ordered mesoporous Fe-doped CeO2 catalysts for the reduction of CO2 with H2O under simulated solar irradiation. *Applied Catalysis B: Environmental*, **2014**, 147, 602-609	21.8	152
4	Hierarchically mesostructured TiO2/graphitic carbon composite as a new efficient photocatalyst for the reduction of CO2 under simulated solar irradiation. *Catalysis Science and Technology*, **2013**, 3, 3286	5.5	30
3	Preparation and electrochemical properties of Ca-doped Li4Ti5O12 as anode materials in lithium-ion battery. *Electrochimica Acta*, **2013**, 98, 146-152	6.7	126
2	Ordered mesoporous CeO2-TiO2 composites: Highly efficient photocatalysts for the reduction of CO2 with H2O under simulated solar irradiation. *Applied Catalysis B: Environmental*, **2013**, 130-131, 277-284	21.8	214
1	Simple synthesis of metallic Sn nanocrystals embedded in graphitic ordered mesoporous carbon walls as superior anode materials for lithium ion batteries. *Journal of Power Sources*, **2012**, 219, 89-93	8.9	32