

Yongfu Lian

List of Publications by Year in descending order

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47
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47
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nonenzymatic Electrochemical Glucose Sensor Based on Novel Copper Film. <i>Electroanalysis</i> , 2011, 23, 395-401.	2.9	75
2	Preparation of reduced graphene oxide nanosheet/FexOy/nitrogen-doped carbon layer aerogel as photo-Fenton catalyst with enhanced degradation activity and reusability. <i>Journal of Hazardous Materials</i> , 2019, 362, 62-71.	12.4	57
3	Assignment of the Fine Structure in the Optical Absorption Spectra of Soluble Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 12082-12087.	2.6	56
4	Different Extraction Behaviors between Divalent and Trivalent Endohedral Metallofullerenes. <i>Chemistry of Materials</i> , 2004, 16, 1704-1714.	6.7	54
5	Synthesis, electrochromic, halochromic and electro-optical properties of polyazomethines with a carbazole core and triarylamine units serving as functional groups. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3482-3493.	5.5	44
6	Determination of six organophosphorus pesticides in water samples by three-dimensional graphene aerogel-based solid-phase extraction combined with gas chromatography/mass spectrometry. <i>RSC Advances</i> , 2018, 8, 10277-10283.	3.6	40
7	Enhanced Catalytic Oxidation of Toluene over Manganese Oxide Modified by Lanthanum with a Coral-Like Hierarchical Structure Nanosphere. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10089-10100.	8.0	39
8	Production of Single-Wall Carbon Nanotubes at High Pressure. <i>Journal of Physical Chemistry B</i> , 1999, 103, 8698-8701.	2.6	38
9	Single-wall carbon nanotube colloids in polar solvents. <i>Chemical Communications</i> , 2000, , 461-462.	4.1	32
10	Preparation and Enrichment of Samarium Endohedral Fullerenes. <i>Chemistry of Materials</i> , 2001, 13, 39-42.	6.7	30
11	Optical, electrochemical, photoelectrochemical and electrochromic properties of polyamide/graphene oxide with various feed ratios of polyamide to graphite oxide. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2272.	5.5	29
12	Novel aromatic polyimides with pendent triphenylamine units: Synthesis, photophysical, electrochromic properties. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 101-109.	3.8	25
13	The Unanticipated Dimerization of Ce@C _{2v} (9)@C ₈₂ upon Co-crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric M@C _{2v} (9)@C ₈₂ (M = La, Sc, and Y). <i>Chemistry - A European Journal</i> , 2016, 22, 18115-18122.	3.3	23
14	RGO functionalised with polyschiff base: multi-chemical sensor for TNT with acidochromic and electrochromic properties. <i>Polymer Chemistry</i> , 2013, 4, 4746.	3.9	22
15	Supercapacitors based on high-surface-area graphene. <i>Science China Technological Sciences</i> , 2014, 57, 278-283.	4.0	20
16	Adamantylidene Addition to M ₃ N@Ih@C ₈₀ (M=Sc, Lu) and Sc ₃ N@D _{5h} @C ₈₀ : Synthesis and Crystallographic Characterization of the [5,6]-Open and [6,6]-Open Adducts. <i>Chemistry - A European Journal</i> , 2017, 23, 6552-6561.	3.3	18
17	Determination of Eugenol in Aquatic Products by Dispersive Solid-Phase Extraction and Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 3217-3224.	2.6	15
18	Determination of seven pyrethroid pesticide residues in vegetables by gas chromatography using carboxylated multi-walled carbon nanotubes as dispersion solid phase extraction sorbent. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 2164-2172.	2.3	14

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19	Influence of Sr ions on the structure and dielectric properties of Cu/Nb Co-doped BaTiO ₃ ceramics. <i>Ceramics International</i> , 2021, 47, 18669-18676.	4.8	14
20	The arc-discharged Ni-cored carbon onions with enhanced microwave absorption performances. <i>Materials Letters</i> , 2020, 265, 127408.	2.6	13
21	Reducing polyazomethine to poly(N-phenylbenzylamine) with near infrared electrochromic, fluorescence and photovoltaic properties. <i>Polymer Chemistry</i> , 2013, 4, 1183-1192.	3.9	12
22	Sensors for carbon monoxide based on Pd/SnO ₂ /CNT nanocomposites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 2729-2734.	1.8	12
23	Ho ₂ O@D ₃ (85)-C ₉₂ : Highly Stretched Cluster Dictated by a Giant Cage and Unexplored Isomerization. <i>Inorganic Chemistry</i> , 2020, 59, 11020-11027.	4.0	12
24	Electrochemical Performance of Carbon Onions Fabricated by Electric Arc-Discharge Method. <i>Electroanalysis</i> , 2016, 28, 145-150.	2.9	10
25	Favorite Orientation of the Carbon Cage and a Unique Two-Dimensional-Layered Packing Model in the Cocrystals of Nd@C ₈₂ (I,II) Isomers with Decapyrrylcorannulene. <i>Inorganic Chemistry</i> , 2021, 60, 1462-1471.	4.0	10
26	Determination of Organophosphorus Pesticides Using Solid-Phase Extraction Followed by Gas Chromatography-Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2022, 60, 1-6.	1.4	10
27	Electrochemical capacitors based on the composite of graphene and nickel foam. <i>Science China Chemistry</i> , 2016, 59, 405-411.	8.2	9
28	Structure-dependent dielectric relaxations in Sm-doped BaTiO ₃ ceramics. <i>Ceramics International</i> , 2021, 47, 34042-34049.	4.8	9
29	The Efficient Photocatalytic Degradation of Organic Pollutants on the MnFe ₂ O ₄ /BGA Composite under Visible Light. <i>Nanomaterials</i> , 2021, 11, 1276.	4.1	8
30	Selective extraction of metallic arc-discharged single-walled carbon nanotubes by a water soluble polymethylsilane derivative. <i>RSC Advances</i> , 2015, 5, 102238-102246.	3.6	7
31	An Explosive Bomb-Inspired Method to Prepare Collapsed and Ruptured Fe ₂ O ₃ /Nitrogen-Doped Carbon Capsules as Catalyst Support. <i>Chemistry - A European Journal</i> , 2017, 23, 17095-17102.	3.3	6
32	The electrochemical performance of the N-doped graphene aerogels and nickel foam composite electrode prepared by one-pot hydrothermal method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 582-590.	2.1	6
33	Determination of triazole fungicides in environmental water by magnetic solid-phase extraction coupled with UHPLC-MS/MS. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1483-1489.	2.2	6
34	Dispersion of arc-discharged single-walled carbon nanotubes using the natural L-amino acid derivative L-dodecanoyl leucinate. <i>RSC Advances</i> , 2020, 10, 21643-21649.	3.6	5
35	Isolation and Electrochemical Property of Tb@C ₈₂ Isomers. <i>Acta Chimica Sinica</i> , 2017, 75, 453.	1.4	5
36	Formation of the first derivatives of praseodymium-containing metallofullerenes via regioselective carbene addition to Pr@C _{2v} (9)-C ₈₂ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 2735-2738.	1.8	4

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37	A sector deposition mechanism of carbon onions operated in a large discharge furnace. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 156-162.	2.1	4
38	Fabrication of one-dimensional multifunctional poly-Schiff base bars by anodic aluminum oxide template. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	3
39	Ho ₂ C ₂ Cluster with Flexible Configurations inside a Large C ₆₁ -C ₉₂ Cage. Inorganic Chemistry, 2022, 61, 605-612.	4.0	3
40	Comparison of the EMWA Performance of Nickel Cored and Hollow Carbon Onions. Journal of Molecular and Engineering Materials, 2022, 10, .	1.8	2
41	Synergistic Effect between Ni and Ce Dual Active Centers Initiated by Activated Fullerene Soot for Electro-Fenton Degradation of Tetracycline. Catalysts, 2022, 12, 509.	3.5	2
42	Polymethyl(1-Butyric acidyl)silane-Assisted Dispersion and Density Gradient Ultracentrifugation Separation of Single-Walled Carbon Nanotubes. Nanomaterials, 2022, 12, 2094.	4.1	2
43	The isolation and electrochemical property of Tb ₂ C ₉₀ (I, II) isomers. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 584-590.	2.1	1
44	Isolation and Electrochemical Property of Ho ₂ O@C ₉₀ Isomers. Journal of the Electrochemical Society, 2022, 169, 026512.	2.9	1
45	Selective dispersion of arc-discharged single-walled carbon nanotubes with polymethyl(crylic) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.1	0
46	Selective dispersion of semiconducting single-walled carbon nanotubes with aromatic polyimides. Fullerenes Nanotubes and Carbon Nanostructures, 0, , 1-10.	2.1	0