

Yongfu Lian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Isolation and Electrochemical Property of Ho ₂ O@C ₉₀ Isomers. <i>Journal of the Electrochemical Society</i> , 2022, 169, 026512.	2.9	1
3	Comparison of the EMWA Performance of Nickel Cored and Hollow Carbon Onions. <i>Journal of Molecular and Engineering Materials</i> , 2022, 10, .	1.8	2
4	Ho ₂ C ₂ Cluster with Flexible Configurations inside a Large C ₆₁ -C ₉₂ Cage. <i>Inorganic Chemistry</i> , 2022, 61, 605-612.	4.0	3
5	Synergistic Effect between Ni and Ce Dual Active Centers Initiated by Activated Fullerene Soot for Electro-Fenton Degradation of Tetracycline. <i>Catalysts</i> , 2022, 12, 509.	3.5	2
6	Polymethyl(1-Butyric acidyl)silane-Assisted Dispersion and Density Gradient Ultracentrifugation Separation of Single-Walled Carbon Nanotubes. <i>Nanomaterials</i> , 2022, 12, 2094.	4.1	2
7	A sector deposition mechanism of carbon onions operated in a large discharge furnace. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 156-162.	2.1	4
8	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
9	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
10	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
11	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
12	Structure-dependent dielectric relaxations in Sm-doped BaTiO ₃ ceramics. <i>Ceramics International</i> , 2021, 47, 34042-34049.	4.8	9
13	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
14	Dispersion of arc-discharged single-walled carbon nanotubes using the natural L-α-amino acid derivative N-dodecanoyl leucinate. <i>RSC Advances</i> , 2020, 10, 21643-21649.	3.6	5
15	The arc-discharged Ni-cored carbon onions with enhanced microwave absorption performances. <i>Materials Letters</i> , 2020, 265, 127408.	2.6	13
16	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
17	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
18	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

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19	Determination of six organophosphorus pesticides in water samples by three-dimensional graphene aerogel-based solid-phase extraction combined with gas chromatography/mass spectrometry. RSC Advances, 2018, 8, 10277-10283.	3.6	40
20	Selective dispersion of arc-discharged single-walled carbon nanotubes with polymethyl(crylic) Tj ETQq0 0 0 rgBT /Oylock 10 Tf 50 702	2.1	0
21	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
22	Adamantylidene Addition to M ₃ N@I h â€ 80 (M=Sc, Lu) and Sc ₃ N@D 5 h â€ 80 : Synthesis and Crystallographic Characterization of the [5,6]â€Open and [6,6]â€Open Adducts. Chemistry - A European Journal, 2017, 23, 6552-6561.	3.3	18
23	Determination of Eugenol in Aquatic Products by Dispersive Solid-Phase Extraction and Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. Food Analytical Methods, 2017, 10, 3217-3224.	2.6	15
24	An Explosive Bombâ€Inspired Method to Prepare Collapsed and Ruptured Fe ₂ O ₃ /Nitrogenâ€Doped Carbon Capsules as Catalyst Support. Chemistry - A European Journal, 2017, 23, 17095-17102.	3.3	6
25	Determination of seven pyrethroid pesticide residues in vegetables by gas chromatography using carboxylated multi-walled carbon nanotubes as dispersion solid phase extraction sorbent. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 2164-2172.	2.3	14
26	Isolation and Electrochemical Property of Tb@C82 Isomers. Acta Chimica Sinica, 2017, 75, 453.	1.4	5
27	The Unanticipated Dimerization of Ce@C _{2v} (9)â€C ₈₂ upon Coâ€Crystallization with Ni(octaethylporphyrin) and Comparison with Monomeric M@C _{2v} (9)â€C ₈₂ (M = La, Sc, and Y). Chemistry - A European Journal, 2016, 22, 18115-18122.	3.3	23
28	Electrochemical capacitors based on the composite of graphene and nickel foam. Science China Chemistry, 2016, 59, 405-411.	8.2	9
29	Electrochemical Performance of Carbon Onions Fabricated by Electric Arcâ€Discharge Method. Electroanalysis, 2016, 28, 145-150.	2.9	10
30	Selective extraction of metallic arc-discharged single-walled carbon nanotubes by a water soluble polymethylsilane derivative. RSC Advances, 2015, 5, 102238-102246.	3.6	7
31	Synthesis, electrochromic, halochromic and electro-optical properties of polyazomethines with a carbazole core and triarylamine units serving as functional groups. Journal of Materials Chemistry C, 2015, 3, 3482-3493.	5.5	44
32	Sensors for carbon monoxide based on Pd/SnO ₂ /CNT nanocomposites. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2729-2734.	1.8	12
33	Formation of the first derivatives of praseodymium-containing metallofullerenes via regioselective carbene addition to Pr@C _{2v} (9)-C ₈₂ . Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2735-2738.	1.8	4
34	Supercapacitors based on high-surface-area graphene. Science China Technological Sciences, 2014, 57, 278-283.	4.0	20
35	Optical, electrochemical, photoelectrochemical and electrochromic properties of polyamide/graphene oxide with various feed ratios of polyamide to graphite oxide. Journal of Materials Chemistry C, 2014, 2, 2272.	5.5	29
36	RGO functionalised with polyschiff base: multi-chemical sensor for TNT with acidochromic and electrochromic properties. Polymer Chemistry, 2013, 4, 4746.	3.9	22

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37	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
38	Fabrication of one-dimensional multifunctional poly-Schiff base bars by anodic aluminum oxide template. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	3
39	Novel aromatic polyimides with pendent triphenylamine units: Synthesis, photophysical, electrochromic properties. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 101-109.	3.8	25
40	Nonenzymatic Electrochemical Glucose Sensor Based on Novel Copper Film. <i>Electroanalysis</i> , 2011, 23, 395-401.	2.9	75
41	Different Extraction Behaviors between Divalent and Trivalent Endohedral Metallofullerenes. <i>Chemistry of Materials</i> , 2004, 16, 1704-1714.	6.7	54
42	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
43	Preparation and Enrichment of Samarium Endohedral Fullerenes. <i>Chemistry of Materials</i> , 2001, 13, 39-42.	6.7	30
44	Single-wall carbon nanotube colloids in polar solvents. <i>Chemical Communications</i> , 2000, , 461-462.	4.1	32
45	Production of Single-Wall Carbon Nanotubes at High Pressure. <i>Journal of Physical Chemistry B</i> , 1999, 103, 8698-8701.	2.6	38
46	Selective dispersion of semiconducting single-walled carbon nanotubes with aromatic polyimides. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 0, , 1-10.	2.1	0