

Hengfeng Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,474
citations

15
h-index

38
g-index

58
ext. papers

1,582
ext. citations

4.3
avg, IF

4.03
L-index

#	Paper	IF	Citations
50	Enhanced dielectric constant and suppressed electrical conductivity in polymer nanocomposite films via loading MXene/TiO ₂ /MoS ₂ nanosheets. <i>Ceramics International</i> , 2022 , 48, 10447-10457	5.1	1
49	A new strategy for high-performance electromagnetic interference shielding by designing a layered double-percolated structure in PS/PVDF/MXene composites. <i>European Polymer Journal</i> , 2021 , 151, 110450	5.2	3
48	MXene filled polyetherimide matrix composites with remarkable nonlinear conductive performance and low percolation threshold. <i>Composites Science and Technology</i> , 2021 , 216, 109062	8.6	1
47	Core-shell Structured Ag@PDA Nanowires and BT@PDA Nanoparticles for Three-phase Flexible Polymer Nanocomposites with Excellent Dielectric Properties. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2021 , 28, 1909-1916	2.3	2
46	Poly(vinylidene fluoride-co-hexafluoropropylene)-MXene Nanosheet Composites for Microcapacitors. <i>ACS Applied Nano Materials</i> , 2020 , 3, 7992-8003	5.6	15
45	Efficient Gold/Palladium Nanoparticles Stabilized by Poly(amic acid) Salt: Synthesis and Application in Catalytic Oxidation of Amines to Imines. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 1384-1392	3.2	2
44	Poly(amic acid) Salt-stabilized Au-Ag Alloy Nanoparticles as Efficient and Recyclable Quasi-homogeneous Catalysts for the Imines Synthesis from Alcohols and Amines in Water. <i>ChemistrySelect</i> , 2019 , 4, 10401-10407	1.8	2
43	Poly(amic acid) salt-mediated palladium and platinum nanoparticles as highly active and recyclable catalysts for hydrogenation of nitroarenes in water under ambient conditions. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4717	3.1	8
42	An efficient poly(amic acid) salt-stabilised palladium nanocatalyst with excellent recyclable performance for Suzuki-Miyaura coupling reactions under mild conditions. <i>Journal of Experimental Nanoscience</i> , 2018 , 13, 95-106	1.9	6
41	Core-shell structured Ag@C nanocables for flexible ferroelectric polymer nanodielectric materials with low percolation threshold and excellent dielectric properties. <i>RSC Advances</i> , 2018 , 8, 1-9	3.7	24
40	Two new isomeric zinc(II) metal-organic frameworks based on 1,5-bis(2-methyl-1H-imidazol-1-yl)pentane and 5-methylisophthalate ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 78-83	0.8	1
39	Spatially Confined Li ⁺ Oxygen Interaction in the Tunnel of γ -MnO ₂ Catalyst for Li ⁺ Air Battery: A First-Principles Study. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 16193-16200	3.8	14
38	Amplified voltammetric detection of miRNA from serum samples of glioma patients via combination of conducting magnetic microbeads and ferrocene-capped gold nanoparticle/streptavidin conjugates. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 502-507	11.8	33
37	Correlating the Structure and Optical Absorption Properties of Au ₇₆ (SR) ₄₄ Cluster. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 13739-13748	3.8	25
36	Surface plasmon resonance biosensors for simultaneous monitoring of amyloid-beta oligomers and fibrils and screening of select modulators. <i>Analyst, The</i> , 2016 , 141, 331-6	5	31
35	Poly(amic acid) salt-stabilized silver nanoparticles as efficient and recyclable quasi-homogeneous catalysts for the aqueous hydration of nitriles to amides. <i>New Journal of Chemistry</i> , 2016 , 40, 358-364	3.6	17
34	Enhanced dielectric permittivity of graphite oxide/polyimide composite films. <i>Journal of Central South University</i> , 2016 , 23, 2747-2753	2.1	1

33	O-Difluoromethylation of 1,3-diones with S-difluoromethyl sulfonium salt. <i>RSC Advances</i> , 2016 , 6, 35705-35708	3.7	16
32	Synthesis and microstructure of a novel graft copolymer from poly(vinylidene fluoride-chlorotrifluoroethylene-trifluoroethylene). <i>Designed Monomers and Polymers</i> , 2015 , 18, 19-26	3.1	2
31	High dielectric, dynamic mechanical and thermal properties of polyimide composite film filled with carbon-coated silver nanowires. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 118, 243-248	2.6	13
30	A highly robust and reusable polyimide-supported nanosilver catalyst for the reduction of 4-nitrophenol. <i>Journal of Materials Research</i> , 2015 , 30, 2713-2721	2.5	8
29	Preparation and properties of core-shell silver/polyimide nanocomposites. <i>Polymer Bulletin</i> , 2014 , 71, 2661-2670	2.4	10
28	Preparation and properties of the polyimide thin films reinforced by acylchloride-functionalized multiple-walled carbon nanotubes. <i>Journal of Composite Materials</i> , 2013 , 47, 3041-3051	2.7	1
27	Synthesis and Characterization of Fluorinated Polyimide/Silica Nanocomposites with Low Water Absorption and Dielectric Constant. <i>Asian Journal of Chemistry</i> , 2013 , 25, 139-143	0.4	3
26	Preparation, morphology and properties of acylchloride-grafted multiwall carbon nanotubes/fluorinated polyimide composites. <i>Composites Science and Technology</i> , 2011 , 71, 1914-1920	8.6	20
25	Thermal characterization of a series of poly(vinylidene fluoride-chlorotrifluoroethylene-trifluoroethylene) terpolymer films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 105, 357-364	4.1	11
24	Preparation and crystallization behavior of poly(vinylidene fluoride-ter-chlorotrifluoroethylene-ter-trifluoroethylene). <i>Journal of Applied Polymer Science</i> , 2011 , 122, 3007-3015	2.9	6
23	A New Class of Supramolecular Wires. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18912-18916	3.8	11
22	Synthesis and mesomorphic properties of tolane-based liquid crystals with a fluorinated polar end group. <i>Liquid Crystals</i> , 2006 , 33, 1127-1131	2.3	5
21	Synthesis and mesomorphic properties of fluorinated phenyl 4-[(4-n-alkoxy-2,3-difluorophenyl)ethynyl]benzoates. <i>Liquid Crystals</i> , 2005 , 32, 527-531	2.3	9
20	Enhanced small-molecule assembly through directional intramolecular forces. <i>Organic Letters</i> , 2005 , 7, 4471-4	6.2	23
19	Synthesis and self-assembly of functionalized donor-sigma-acceptor molecules. <i>Organic Letters</i> , 2005 , 7, 443-6	6.2	35
18	Poly(vinylidene fluoride-trifluoroethylene) based high performance electroactive polymers. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2004 , 11, 299-311	2.3	88
17	Poly(vinylidene-fluoride-trifluoroethylene) based high-performance electroactive polymers 2003 ,		8
16	Influence of the annealing conditions on the polarization and electromechanical response of high-energy-electron-irradiated poly(vinylidene fluoride trifluoroethylene) copolymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 797-806	2.6	16

15	An all-organic composite actuator material with a high dielectric constant. <i>Nature</i> , 2002 , 419, 284-7	50.4	895
14	Synthesis and mesomorphic properties of three- and four-ring liquid crystals containing cyclohexyl, phenyl and pyridyl units. <i>Liquid Crystals</i> , 2002 , 29, 989-993	2.3	4
13	Electromechanical properties and molecular conformation in P(VDF-TrFE)-based terpolymer 2002 ,		3
12	Synthesis and mesomorphic properties of four-ring liquid crystals containing cyclohexyl, phenyl and pyridyl units. <i>Liquid Crystals</i> , 2002 , 29, 1105-1107	2.3	2
11	Mesogens containing p-polyfluoro-m-nitrobenzoate and 2,3-difluorotolane groups. <i>Liquid Crystals</i> , 2001 , 28, 1585-1586	2.3	1
10	Mesomorphic properties of 4-(polyfluoroalkoxycarbonyl)phenyl 4-(4-n-heptoxy-2,3,5,6-tetrafluorophenyl)benzoates. <i>Liquid Crystals</i> , 2001 , 28, 1573-1574	2.3	3
9	Synthesis and mesomorphic properties of resorcylic di[4-(4-alkoxy-2,3-difluorophenyl)ethynyl]benzoate: a novel achiral antiferroelectric banana-shaped mesogen. <i>Liquid Crystals</i> , 2001 , 28, 1705-1708	2.3	11
8	Synthesis and mesomorphic properties of cholesteryl p-polyfluoroalkoxy-m-nitrobenzoate. <i>Journal of Fluorine Chemistry</i> , 2001 , 109, 205-208	2.1	8
7	Synthesis and mesomorphic properties of mesogens containing (4-polyfluoroalkoxy-2,3,5,6-tetrafluorophenyl)ethynyl groups. <i>Journal of Fluorine Chemistry</i> , 2001 , 110, 37-42	2.1	1
6	Fluorinated tolan-type nematic mesogens containing a 1,3-dioxan unit. <i>Liquid Crystals</i> , 2001 , 28, 913-917	2.3	16
5	Synthesis and mesomorphic properties of fluoro-containing azobenzene liquid crystals. <i>Liquid Crystals</i> , 2001 , 28, 375-379	2.3	13
4	Synthesis and characterization of novel fluorinated bistolane-type liquid crystals. <i>Liquid Crystals</i> , 2001 , 28, 1463-1467	2.3	12
3	Synthesis and mesomorphic properties of 4-[(4n-alkoxy-2,3-difluorophenyl)ethynyl]phenyl fluoro-substituted benzoates. <i>Liquid Crystals</i> , 2000 , 27, 1445-1449	2.3	5
2	Synthesis and crystal structure of bis(2-dimethylaminoethylindenyl) divalent organolanthanides (Ln=Sm, Yb). <i>Journal of Organometallic Chemistry</i> , 1999 , 585, 59-62	2.3	18
1	2,3-Difluorinated phenyl and cyclohexane units in the design and synthesis of liquid crystals having negative dielectric anisotropy. <i>Liquid Crystals</i> , 1999 , 26, 1743-1747	2.3	11