

Hengfeng Li

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4026899/hengfeng-li-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	An all-organic composite actuator material with a high dielectric constant. <i>Nature</i> , 2002 , 419, 284-7	50.4	895
49	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
48	Synthesis and self-assembly of functionalized donor-sigma-acceptor molecules. <i>Organic Letters</i> , 2005 , 7, 443-6	6.2	35
47	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
46	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
45	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
44	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
43	Enhanced small-molecule assembly through directional intramolecular forces. <i>Organic Letters</i> , 2005 , 7, 4471-4	6.2	23
42	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
41	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
40	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
39	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
38	Fluorinated tolan-type nematic mesogens containing a 1,3-dioxan unit. <i>Liquid Crystals</i> , 2001 , 28, 913-917	2.3	16
37	O-Difluoromethylation of 1,3-diones with S-difluoromethyl sulfonium salt. <i>RSC Advances</i> , 2016 , 6, 35705-35708	3.7	16
36	Poly(vinylidene fluoride-co-hexafluoropropylene)-MXene Nanosheet Composites for Microcapacitors. <i>ACS Applied Nano Materials</i> , 2020 , 3, 7992-8003	5.6	15
35	Spatially Confined Li ₂ O ₂ Oxygen Interaction in the Tunnel of γ -MnO ₂ Catalyst for Li ₂ O ₂ /Air Battery: A First-Principles Study. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 16193-16200	3.8	14
34	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

33	Synthesis and mesomorphic properties of fluoro-containing azobenzene liquid crystals. <i>Liquid Crystals</i> , 2001 , 28, 375-379	2.3	13
32	Synthesis and characterization of novel fluorinated bistolane-type liquid crystals. <i>Liquid Crystals</i> , 2001 , 28, 1463-1467	2.3	12
31	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
30	A New Class of Supramolecular Wires. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18912-18916	3.8	11
29	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
28	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
27	Preparation and properties of core-shell silver/polyimide nanocomposites. <i>Polymer Bulletin</i> , 2014 , 71, 2661-2670	2.4	10
26	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
25	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
24	Poly(vinylidene-fluoride-trifluoroethylene) based high-performance electroactive polymers 2003 ,		8
23	Synthesis and mesomorphic properties of cholesteryl p-polyfluoroalkoxy-m-nitrobenzoate. <i>Journal of Fluorine Chemistry</i> , 2001 , 109, 205-208	2.1	8
22	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
21	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
20	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
19	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
18	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
17	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
16	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

15	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
14	Electromechanical properties and molecular conformation in P(VDF-TrFE)-based terpolymer 2002 ,		3
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Mesogens containing p-polyfluoro-m-nitrobenzoate and 2,3-difluorotolane groups. <i>Liquid Crystals</i> , 2001 , 28, 1585-1586	2.3	1
4	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
3	Enhanced dielectric permittivity of graphite oxide/polyimide composite films. <i>Journal of Central South University</i> , 2016 , 23, 2747-2753	2.1	1
2	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
1	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