

Yingliang Liu

List of Publications by Year in descending order

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71
papers

1,311
citations

361413

20
h-index

395702

33
g-index

71
all docs

71
docs citations

71
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of carbon dots modified hollow g-C ₃ N ₄ spheres via in situ calcination of cyanamide and glucose for highly enhanced visible light photocatalytic hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1568-1578.	7.1	22
2	Swelling-reconstructed chitosan-viscose nonwoven fabric for high-performance quasi-solid-state supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 489-499.	9.4	12
3	Bay Position Substituted Perylene Diimide Derivatives as Cathode Interface Materials for High-Efficient Nonfullerene and Fullerene Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2022, 5, 6423-6431.	5.1	12
4	Flexible stretchable electrothermally/photothermally dual-driven heaters from nano-embedded hierarchical Cu _x S-Coated PET fabrics for all-weather wearable thermal management. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 564-578.	9.4	16
5	Flexible random resistive access memory devices with ferrocene-rGO nanocomposites for artificial synapses. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5749-5757.	5.5	8
6	A review on solution-processed perovskite/organic hybrid photodetectors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5302-5322.	5.5	44
7	Synchronous Dual Roles of Copper Sulfide on the Insulating PET Fabric for High-Performance Portable Flexible Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 6880-6891.	5.1	16
8	Evident Enhancement of Efficiency and Stability in Perovskite Solar Cells with Triphenylamine-Based Macromolecules on the CuSCN Hole-Transporting Layer. <i>Journal of Electronic Materials</i> , 2021, 50, 3962-3971.	2.2	11
9	Triphenylamine-carbazole alternating copolymers bearing thermally activated delayed fluorescent emitting and host pendant groups for solution-processable OLEDs. <i>Reactive and Functional Polymers</i> , 2021, 163, 104898.	4.1	8
10	NH ₃ ⁺ -Functionalized PAMAM Dendrimers Enhancing Power Conversion Efficiency and Stability of Perovskite Solar Cells. <i>Journal of Electronic Materials</i> , 2021, 50, 6414-6425.	2.2	2
11	The optimization of Ĩ-bridge for trialkylsilyl substituted D-Ĩ-A photovoltaic polymers. <i>Dyes and Pigments</i> , 2021, 194, 109609.	3.7	11
12	One-step preparation of halogenated aminobenzonitrile modified g-C ₃ N ₄ via copolymerization and in situ halogen doping for highly enhanced visible light hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 6341-6351.	7.1	26
13	Recyclable low-temperature phase change microcapsules for cold storage. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 286-295.	9.4	30
14	Resistive switching performance of fibrous crosspoint memories based on an organic-inorganic halide perovskite. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12865-12875.	5.5	29
15	Dendritic PAMAM polymers for strong perovskite intergranular interaction enhancing power conversion efficiency and stability of perovskite solar cells. <i>Electrochimica Acta</i> , 2020, 349, 136387.	5.2	19
16	Carbon-Coated Graphitic Carbon Nitride Nanotubes for Supercapacitor Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 7016-7028.	5.0	31
17	Calix[4]resorcinarene-based hyper-structured molecular thermally activated delayed fluorescence yellow-green emitters for non-doped OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4469-4476.	5.5	10
18	All-optical non-conjugated multi-functionalized photorefractive polymers via ring-opening metathesis polymerization. <i>E-Polymers</i> , 2020, 20, 353-360.	3.0	0

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19	Graphitic nanosheets via two-dimensional polymerization enhancing organic all-optically controlled photorefractive performance. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	0
20	Enhanced electroluminescent performance by doping organic conjugated ionic compound into graphene oxide hole-injecting layer. <i>Journal of Materials Science</i> , 2019, 54, 12688-12697.	3.7	13
21	Enhanced Switching Ratio and Long-Term Stability of Flexible RRAM by Anchoring Polyvinylammonium on Perovskite Grains. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35914-35923.	8.0	65
22	An all-optical photorefractive miktoarm star polymer synthesized via a combination of RAFT polymerization and click reaction. <i>Reactive and Functional Polymers</i> , 2019, 143, 104321.	4.1	4
23	A calix[4]resorcinarene-based hyper-structured molecule bearing disperse red 1 as the chromophore with enhanced photorefractive performance under non-electric field. <i>Dyes and Pigments</i> , 2019, 160, 579-586.	3.7	17
24	A second-order nonlinear optical dendronized hyperbranched polymer containing isolation chromophores: achieving good optical nonlinearity and stability simultaneously. <i>Science China Chemistry</i> , 2018, 61, 584-591.	8.2	18
25	Facile synthesis of hierarchical carpet-like WO ₃ microflowers for high NO ₂ gas sensing performance. <i>Materials Letters</i> , 2018, 210, 8-11.	2.6	22
26	Mechanistic study on metal-free acetylene hydrochlorination catalyzed by imidazolium-based ionic liquids. <i>Molecular Catalysis</i> , 2018, 461, 73-79.	2.0	20
27	In situ fabrication of CDs/g-C ₃ N ₄ hybrids with enhanced interface connection via calcination of the precursors for photocatalytic H ₂ evolution. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 91-99.	7.1	55
28	Covalently Connecting Crystal Grains with Polyvinylammonium Carbochain Backbone To Suppress Grain Boundaries for Long-Term Stable Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6064-6071.	8.0	33
29	Photorefractive hyper-structured molecular glasses constructed by calix[4]resorcinarene core and carbazole-based methine nonlinear optical chromophore. <i>Dyes and Pigments</i> , 2017, 142, 8-16.	3.7	19
30	Photocatalytic CO ₂ conversion to methanol by Cu ₂ O/graphene/TNA heterostructure catalyst in a visible-light-driven dual-chamber reactor. <i>Nano Energy</i> , 2016, 27, 320-329.	16.0	121
31	A series of dendronized hyperbranched polymers with dendritic chromophore moieties in the periphery: convenient synthesis and large nonlinear optical effects. <i>Polymer Chemistry</i> , 2016, 7, 4016-4024.	3.9	22
32	Calix[4]resorcinarene-based branched macromolecules for all-optical photorefractive applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10684-10690.	5.5	17
33	Near-infrared absorbing dyes at 1064 nm: Soluble dithiolenic nickel complexes with alkylated electron-donating groups as Peripheral substituents. <i>Dyes and Pigments</i> , 2016, 128, 179-189.	3.7	27
34	A carbazole-triphenylamine copolymer bearing pendant europium complexes: Synthesis and luminescence properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	2
35	Evident improvement of nitrogen-doped graphene on visible light photocatalytic activity of N-TiO ₂ /N-graphene nanocomposites. <i>Materials Research Bulletin</i> , 2015, 65, 27-35.	5.2	19
36	Organic solution-processible electroluminescent molecular glasses for non-doped standard red OLEDs with electrically stable chromaticity. <i>Materials Research Bulletin</i> , 2015, 70, 865-875.	5.2	5

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37	Synthesis of conjugated polymers bearing pendant bipyridine ruthenium complexes. <i>Reactive and Functional Polymers</i> , 2015, 90, 7-14.	4.1	7
38	Identical steady tribological performance of graphene-oxide-strengthened polyurethane/epoxy interpenetrating polymer networks derived from graphene nanosheet. <i>Polymer</i> , 2015, 64, 62-68.	3.8	41
39	Enhanced electroluminescent efficiency with ionic liquid doped into PEDOT:PSS hole-injecting layer. <i>Polymer</i> , 2015, 77, 42-47.	3.8	8
40	Biomimetic organic-inorganic hybrids aiming for smart drug delivery. <i>Pure and Applied Chemistry</i> , 2014, 86, 671-683.	1.9	2
41	Effective improvement of photocatalytic hydrogen evolution via a facile in-situ solvothermal N-doping strategy in N-TiO ₂ /N-graphene nanocomposite. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 6845-6852.	7.1	48
42	Tribological mechanism improving the wear resistance of polyurethane/epoxy interpenetrating polymer network via nanodiamond hybridization. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	12
43	TiO ₂ / N-graphene nanocomposite via a facile in-situ hydrothermal sol-gel strategy for visible light photodegradation of eosin Y. <i>Materials Research Bulletin</i> , 2014, 60, 188-194.	5.2	22
44	Nanocomposite of graphene oxide with nitrogen-doped TiO ₂ exhibiting enhanced photocatalytic efficiency for hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2670-2677.	7.1	107
45	TiO ₂ nanocomposite with reduced graphene oxide through facile blending and its photocatalytic behavior for hydrogen evolution. <i>Materials Research Bulletin</i> , 2013, 48, 2824-2831.	5.2	29
46	Effect of salen-metal complexes on thermosensitive reversibility of stimuli-responsive water-soluble poly(urethane amine)s. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3696-3703.	2.6	4
47	Advances in Organic All-Optical Photorefractive Materials. <i>Macromolecular Symposia</i> , 2012, 317-318, 227-239.	0.7	8
48	Synthesis of organic phenothiazine-based molecular glasses and effect of racemic/homochiral aliphatic chain on near-infrared photorefractive property. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1136-1145.	4.0	4
49	Ring-opening metathesis polymerization of norbornene derivatives for multifunctionalized all-optical photorefractive polymers with a non-conjugated main chain. <i>Polymer</i> , 2012, 53, 138-144.	3.8	13
50	Transient photophysics of phenothiazine-thiophene/furan copolymers in solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 210, 44-47.	3.9	8
51	Synthesis and characterization of low-band-gap conjugated polymers containing phenothiazine and benzo[2,1,3-thiazole]selenodiazole. <i>Polymers for Advanced Technologies</i> , 2010, 21, 663-668.	3.2	16
52	A bright single layer non-doped orange-red light emitting diode using a symmetric starburst material via solution process. <i>New Journal of Chemistry</i> , 2010, 34, 1994.	2.8	8
53	Synthesis and characterization of conjugated polymers containing a carbazole moiety. <i>Polymers for Advanced Technologies</i> , 2008, 19, 793-800.	3.2	6
54	Color tunability in non-doped single-layer PLEDs from a carbazole-based electroluminescent polymer. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1084-1091.	3.2	4

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55	Synthesis of phenothiazine-based electroluminescent polymers with a stable emission property. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1584-1589.	3.2	0
56	Synthesis of an electroluminescent polymer and its non-doped light-emitting diodes with stable green emission. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1839-1843.	3.2	1
57	Static and time-resolved spectroscopy of carbazole-based oligomers with phenylene/thiophene/furan. <i>Chemical Physics Letters</i> , 2008, 459, 146-148.	2.6	3
58	Conjugated Polymers for Optoelectronic Applications. <i>Macromolecular Symposia</i> , 2008, 270, 161-170.	0.7	5
59	A stable red emission in polymer light-emitting diodes based on phenothiazine derivative. , 2007, , .		1
60	Undoped yellow-emitting organic light-emitting diodes from a phenothiazine-based derivative. <i>Synthetic Metals</i> , 2007, 157, 427-431.	3.9	16
61	Preliminary photovoltaic response from a polymer containing p-vinylphenylene amine backbone. <i>Solar Energy Materials and Solar Cells</i> , 2007, 91, 1289-1298.	6.2	11
62	Synthesis and characterization of photoelectronic polymers containing triphenylamine moiety. <i>Reactive and Functional Polymers</i> , 2007, 67, 253-263.	4.1	8
63	Synthesis and electroluminescent properties of a phenothiazine-based polymer for nondoped polymer light-emitting diodes with a stable orange-red emission. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4867-4878.	2.3	31
64	Organic light-emitting diode based on a carbazole compound. <i>Synthetic Metals</i> , 2006, 156, 824-827.	3.9	18
65	Solvent-induced helical conformation observed from a conjugated polymer poly(N-octylcarbazole) T_j ETQq1 1 0.784314 rgBT ₄ /Overload	3.2	4
66	Conjugated polymers containing phenothiazine moieties in the main chain. <i>Polymers for Advanced Technologies</i> , 2006, 17, 468-473.	3.2	21
67	Orange and red emitting OLEDs based on phenothiazine polymers. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 2680-2683.	2.8	19
68	Synthesis and characterization of liquid crystalline copolyesters containing horizontal and lateral rods in main chain (II). <i>Reactive and Functional Polymers</i> , 2005, 64, 35-46.	4.1	7
69	Palladium complex of poly(4-vinylpyridine-co-acrylic acid) for homogeneous hydrogenation of aromatic nitro compounds. <i>Journal of Molecular Catalysis A</i> , 2003, 192, 1-7.	4.8	32
70	TiO ₂ -intercalated graphite nanosheets increasing power conversion efficiency of MAxFA(1-x)PbI ₃ perovskite solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1.	2.2	0
71	Raman Imaging Evidence for Mechanical/Tribological Quasi-Steady State in GO-Strengthening Polyurethane/Epoxy Interpenetrating Polymer Network. <i>Macromolecular Research</i> , 0, , 1.	2.4	1