

Yi-Wu Quan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/486616/publications.pdf>

Version: 2024-02-01

71
papers

2,254
citations

185998

28
h-index

243296

44
g-index

72
all docs

72
docs citations

72
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong CPL of achiral AIE-active dyes induced by supramolecular self-assembly in chiral nematic liquid crystals (AIE-N*LCs). <i>Chemical Communications</i> , 2019, 55, 5179-5182.	2.2	109
2	High Brightness Circularly Polarized Organic Light-Emitting Diodes Based on Nondoped Aggregation-Induced Emission (AIE)-Active Chiral Binaphthyl Emitters. <i>Organic Letters</i> , 2019, 21, 439-443.	2.4	101
3	Dual resonance energy transfer in triple-component polymer dots to enhance electrochemiluminescence for highly sensitive bioanalysis. <i>Chemical Science</i> , 2019, 10, 6815-6820.	3.7	92
4	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. <i>Polymer Chemistry</i> , 2015, 6, 2416-2422.	1.9	91
5	Circularly Polarized Electroluminescence of Thermally Activated Delayed Fluorescence-Active Chiral Binaphthyl-Based Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26165-26173.	4.0	90
6	Strong Aggregation-Induced CPL Response Promoted by Chiral Emissive Nematic Liquid Crystals (N*LCs). <i>Chemistry - A European Journal</i> , 2018, 24, 12607-12612.	1.7	85
7	Donor-Acceptor Conjugated Polymer Dots for Tunable Electrochemiluminescence Activated by Aggregation-Induced Emission-Active Moieties. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5296-5302.	2.1	83
8	Self-Healable and Reprocessable Polysulfide Sealants Prepared from Liquid Polysulfide Oligomer and Epoxy Resin. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15798-15808.	4.0	78
9	DOX Loaded Aggregation-induced Emission Active Polymeric Nanoparticles as a Fluorescence Resonance Energy Transfer Traceable Drug Delivery System for Self-indicating Cancer Therapy. <i>Acta Biomaterialia</i> , 2019, 85, 218-228.	4.1	72
10	Doping-free circularly polarized electroluminescence of AIE-active chiral binaphthyl-based polymers. <i>Chemical Communications</i> , 2018, 54, 9663-9666.	2.2	70
11	Self-healing, reprocessing and sealing abilities of polysulfide-based polyurethane. <i>Polymer</i> , 2018, 151, 27-33.	1.8	69
12	Electrochemiluminescent resonance energy transfer of polymer dots for aptasensing. <i>Biosensors and Bioelectronics</i> , 2018, 100, 28-34.	5.3	67
13	The amplified circularly polarized luminescence regulated from D-A type AIE-active chiral emitters via liquid crystals system. <i>Chemical Communications</i> , 2020, 56, 1117-1120.	2.2	58
14	Ultrastrong Red Circularly Polarized Luminescence Promoted from Chiral Transfer and Intermolecular Förster Resonance Energy Transfer in Ternary Chiral Emissive Nematic Liquid Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 598-603.	2.1	58
15	Fluorescence Study of Chiral Ketoiminate-Based Newly Synthesized Boron Hybrid Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 358-364.	1.1	50
16	Strong CPL of achiral liquid crystal fluorescent polymer via the regulation of AIE-active chiral dopant. <i>Chemical Communications</i> , 2020, 56, 12829-12832.	2.2	48
17	Circularly polarized luminescence based chirality transfer of the chiral BINOL moiety via rigid π -conjugation chain backbone structures. <i>Polymer Chemistry</i> , 2017, 8, 1555-1561.	1.9	45
18	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Coassembly Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	44

#	ARTICLE	IF	CITATIONS
19	Color-tunable AIE-active conjugated polymer nanoparticles as drug carriers for self-indicating cancer therapy <i>via</i> intramolecular FRET mechanism. <i>Polymer Chemistry</i> , 2018, 9, 3205-3214.	1.9	43
20	Inverted Circularly Polarized Luminescence Behavior Induced by Helical Nanofibers through Chiral Co-Assembly from Achiral Liquid Crystal Polymers and Chiral Inducers. <i>ACS Nano</i> , 2022, 16, 3173-3181.	7.3	42
21	Strong circularly polarized electroluminescence based on chiral salen-Zn (<sc>ii</sc>) complex monomer chromophores. <i>Materials Chemistry Frontiers</i> , 2019, 3, 867-873.	3.2	41
22	Recyclable CPL switch regulated by using an applied DC electric field from chiral nematic liquid crystals (N*-LCs). <i>Materials Chemistry Frontiers</i> , 2020, 4, 2954-2961.	3.2	41
23	High brightness circularly polarized blue emission from non-doped OLEDs based on chiral binaphthyl-pyrene emitters. <i>Chemical Communications</i> , 2019, 55, 9845-9848.	2.2	39
24	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. <i>Science China Chemistry</i> , 2020, 63, 715-721.	4.2	34
25	Reversal aggregation-induced circular dichroism from axial chirality transfer via self-assembled helical nanowires. <i>RSC Advances</i> , 2017, 7, 15851-15856.	1.7	33
26	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structureâ€“Property Relationships. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54012-54019.	4.0	33
27	Highly Efficient Aggregation-Induced Electrochemiluminescence of Polyfluorene Derivative Nanoparticles Containing Tetraphenylethylene. <i>IScience</i> , 2020, 23, 100774.	1.9	30
28	Fullâ€“Color and White Circularly Polarized Luminescence Promoted by Liquid Crystal Selfâ€“Assembly Containing Chiral Naphthalimide Dyes. <i>Advanced Optical Materials</i> , 2021, 9, 2100961.	3.6	30
29	A photosensitive-type CPL response controlled by intermolecular dynamic FRET and chiral transfer in ternary chiral emissive nematic liquid crystals. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12590-12595.	2.7	30
30	High brightness circularly polarized electroluminescence from conjugated polymer F8BT induced by chiral binaphthyl-pyrene. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15669-15676.	2.7	27
31	High Green Brightness Circularly Polarized Electroluminescence Regulated by Rigid Chiral D-A Type Emitters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24746-24753.	1.5	26
32	Tunable AICPL of (<i>S</i>)-Binaphthylâ€“Based Threeâ€“Component Polymers via FRET Mechanism. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700150.	2.0	24
33	Solutionâ€“Processed White Circularly Polarized Organic Lightâ€“Emitting Diodes Based on Chiral Binaphthyl Emitters. <i>Chemistry - A European Journal</i> , 2021, 27, 589-593.	1.7	24
34	Circularly polarized electroluminescence from an achiral fluorophore induced by co-assembly with chiral polymers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12141-12147.	2.7	24
35	A universal solution-processable bipolar host based on triphenylamine and pyridine for efficient phosphorescent and thermally activated delayed fluorescence OLEDs. <i>Journal of Luminescence</i> , 2018, 199, 465-474.	1.5	22
36	Controllable Circularly Polarized Electroluminescence Performance Improved by the Dihedral Angle of Chiral-Bridged Binaphthyl-Type Dopant Inducers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55420-55427.	4.0	22

#	ARTICLE	IF	CITATIONS
37	Dynamic Circularly Polarized Luminescence with Tunable Handedness and Intensity Enabled by Achiral Dichroic Dyes in Cholesteric Liquid Crystal Medium. <i>Advanced Materials</i> , 2022, 34, e2202309.	11.1	22
38	Amplified electrochemiluminescence signals promoted by the AIE-active moiety of Dâ€‘A type polymer dots for biosensing. <i>Analyst</i> , The, 2020, 145, 233-239.	1.7	20
39	Modification of polysulfide sealant with polysulfide polythioâ€‘urethaneâ€‘urea. <i>Journal of Applied Polymer Science</i> , 2007, 106, 2599-2604.	1.3	18
40	Effect of filler on the compression set, compression stressâ€‘strain behavior, and mechanical properties of polysulfide sealants. <i>Journal of Applied Polymer Science</i> , 2011, 120, 2001-2007.	1.3	18
41	A solution-processable triphenylamine-fluorene host for exciplex based white phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9754-9759.	2.7	18
42	A rhodamine derivative as a highly sensitive chemosensor for iron(<i>iii</i>). <i>RSC Advances</i> , 2014, 4, 39984-39990.	1.7	18
43	Strongâ€‘Induced CPL Emission Promoted from Achiral Conjugated Polymerâ€‘Containing Emissive Nematic Liquid Crystals (Pâ€‘â€‘LCs). <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000548.	2.0	18
44	Improved mechanical properties of ATBN-toughened epoxy networks by controlling the phase separation scale. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 642-652.	1.4	17
45	Standard White CPâ€‘OLEDs Performance Achieved by Intramolecular Chirality Transfer Mechanism through Polymer Chain. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	16
46	The structural and mechanical properties of polysulfide-based polyurea. <i>Polymer International</i> , 2003, 52, 1925-1929.	1.6	15
47	Deep Blue Circularly Polarized Luminescence Response Behavior of an Achiral Pyrene-Based Emitter Regulated by Chiral Co-assembly Helical Nanofibers. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3767-3772.	2.1	15
48	Compression set property and stressâ€‘strain behavior during compression of polysulfide sealants. <i>Journal of Applied Polymer Science</i> , 2010, 115, 1718-1723.	1.3	14
49	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Coâ€‘assembly Polymers. <i>Angewandte Chemie</i> , 0, , .	1.6	14
50	Chiral sensing of Eu(III)â€‘containing achiral polymer complex from chiral amino acids coordination induction. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3080-3086.	2.5	13
51	A bipolar macrospirocyclic oligomer based on triphenylamine and 4,5-diazafluorene as a solution-processable host for blue phosphorescent organic light-emitting diodes. <i>Dyes and Pigments</i> , 2016, 134, 348-357.	2.0	13
52	Structure and oil-resistant properties of HTPB-based polyurea modified with polysulfide. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2672-2675.	1.3	12
53	The investigation on the curing process of polysulfide sealant by <i>in situ</i> dielectric analysis. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1725-1732.	1.3	12
54	A Macrospirocyclic Carbazoleâ€‘Fluorene Oligomer as a Solution-Processable Matrix Host Material for Blue Phosphorescent Organic Light-Emitting Diodes with Low Turn-On Voltage and Efficiency Roll-Off. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8692-8702.	1.5	11

#	ARTICLE	IF	CITATIONS
55	The amplified circularly polarized luminescence emission response of chiral 1,1'-binaphthol-based polymers via Zn(II)-coordination fluorescence enhancement. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1282-1288.	2.5	11
56	Aromatic amine-terminated polysulfide oligomer: Synthesis and application in self-healable polyurea. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1460-1466.	2.5	11
57	3D Monodisperse Oligofluorenes with Non-Conjugated Triphenylamine-Based Cores: Synthesis and Optoelectronic Properties. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2295-2303.	1.2	10
58	The effect of epoxy resin to reduce the compression set of polysulfide sealant. <i>Journal of Applied Polymer Science</i> , 2012, 125, 390-395.	1.3	10
59	A novel low-bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1686-1692.	2.5	10
60	Pyrene-functionalized oligofluorenes as non-doped deep blue emitters for solution-processed organic light-emitting diodes. <i>Journal of Polymer Science Part A</i> , 2016, 54, 795-801.	2.5	8
61	Prompt modification of styrene-butadiene rubber surface with trichloroisocyanuric acid by increasing chlorination temperature. <i>Journal of Applied Polymer Science</i> , 2012, 124, 661-668.	1.3	7
62	Click-BINOL based chiral ionic polymers for highly enantioselective recognition of tryptophan anions. <i>Polymer Chemistry</i> , 2014, 5, 5218.	1.9	6
63	Evaluation of thermoplastic polyolefin materials for the hard shed of composite insulators. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49080.	1.3	6
64	Structure, mechanical properties, and gas permeability of elastomers based on polybutadiene and epoxy resin. <i>Journal of Applied Polymer Science</i> , 2010, 117, 2366-2372.	1.3	4
65	A macrocyclic oligoelectrolyte as a facial platform for absorbing hyaluronic acid oligomers for targeted cancer cellular imaging. <i>Polymer Chemistry</i> , 2015, 6, 5295-5304.	1.9	4
66	The effect of urea bond on structure and properties of toughened epoxy resins. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2195-2201.	1.3	2
67	Strong CPL-active liquid crystal materials induced by intermolecular hydrogen-bonding interaction and a chirality induction mechanism. <i>Soft Matter</i> , 2022, 18, 477-481.	1.2	2
68	Synthesis of 4-vinyl benzyl tetra-coordinate silicate monomer. <i>Polymer Bulletin</i> , 2007, 59, 235-242.	1.7	1
69	Designing Self-Sustainable Icephobic Layer by Introducing a Lubricating Un-Freezable Water Hydrogel from Sodium Polyacrylate on the Polyolefin Surface. <i>Polymers</i> , 2021, 13, 1126.	2.0	1
70	Effects of chlorinated polypropylene based-adhesives on the bonding performance of an epoxy core rod and polyolefin sheath for composite insulators. <i>International Journal of Adhesion and Adhesives</i> , 2021, 110, 102954.	1.4	1
71	Effect of morphology development on the low-temperature tensile properties of PP / POE blends. <i>Journal of Applied Polymer Science</i> , 0, , 52192.	1.3	1