

Chaolong Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8873501/publications.pdf>

Version: 2024-02-01

67
papers

3,415
citations

185998

28
h-index

149479

56
g-index

67
all docs

67
docs citations

67
times ranked

2362
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-nano interfacial mechanical interlocking structure-property of the ultrasonic-assisted hot press molded polypropylene/aluminum alloy hybrid. <i>Journal of Adhesion Science and Technology</i> , 2023, 37, 452-468.	1.4	9
2	The bonding strength of polyamide-6 direct adhesion with anodized AA5754 aluminum alloy. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 1852-1865.	2.6	3
3	ζ«â-â...%œ¿œ»æœ%œœ°â°â°fâœŽ°æ;èšâ°ç%©â1/2“ç³»çš,,é;â°â°1/2â°æ,©çf-â...%. <i>Science China Materials</i> , 2022, 65, 2160-2165.	2.6	3
4	High-temperature-resistant barium strontium titanate @Ag/poly(arylene ether nitrile) composites with enhanced dielectric performance and high mechanical strength. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 823-833.	9.9	10
5	Core-shell Pd@Pt@Ni nanoparticles with enhanced activity and durability as anode electrocatalyst for methanol oxidation reaction. <i>RSC Advances</i> , 2022, 12, 2246-2252.	1.7	5
6	Hollow terbium metal-organic-framework spheres: preparation and their performance in Fe ³⁺ detection. <i>RSC Advances</i> , 2022, 12, 4153-4161.	1.7	7
7	Photo-induced Dynamic Room Temperature Phosphorescence Based on Triphenyl Phosphonium Containing Polymers. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	45
8	Long-Lived Room Temperature Phosphorescence Crystals with Green Light Excitation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15706-15715.	4.0	36
9	Cross-Linked Polyphosphazene Nanospheres Boosting Long-Lived Organic Room-Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 6107-6117.	6.6	105
10	Full-Color Long-Lived Room Temperature Phosphorescence in Aqueous Environment. <i>Small</i> , 2022, 18, e2201223.	5.2	72
11	Long-Lived Organic Room-Temperature Phosphorescence from Amorphous Polymer Systems. <i>Accounts of Chemical Research</i> , 2022, 55, 1160-1170.	7.6	155
12	Regulation of Irradiation-Dependent Long-Lived Room Temperature Phosphorescence by Controlling Molecular Structures of Chromophores and Matrix. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	11
13	Four-in-One Stimulus-Responsive Long-Lived Luminescent Systems Based on Pyrene-Doped Amorphous Polymers. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	12
14	Four-in-One Stimulus-Responsive Long-Lived Luminescent Systems Based on Pyrene-Doped Amorphous Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	76
15	Poly(arylene piperidine) Quaternary Ammonium Salts Promoting Stable Long-Lived Room-Temperature Phosphorescence in Aqueous Environment. <i>Advanced Materials</i> , 2022, 34, .	11.1	50
16	Biodegradable film enabling visible light excitation of Hexanuclear Europium(III) complex for various applications. <i>Journal of Luminescence</i> , 2021, 229, 117706.	1.5	9
17	Simple Vanilla Derivatives for Long-Lived Room-Temperature Polymer Phosphorescence as Invisible Security Inks. <i>Research</i> , 2021, 2021, 8096263.	2.8	22
18	Lanthanide Metal-Organic Framework-Based Fluorescent Sensor Arrays to Discriminate and Quantify Ingredients of Natural Medicine. <i>Langmuir</i> , 2021, 37, 5321-5328.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Ultraviolet irradiation-responsive dynamic ultralong organic phosphorescence in polymeric systems. <i>Nature Communications</i> , 2021, 12, 2297.	5.8	196
20	Integrated preparation and properties of polyurethane-based sandwich structure composites with foamed core layer. <i>Polymer Composites</i> , 2021, 42, 4549-4559.	2.3	9
21	Ultrastable Tb-Organic Framework as a Selective Sensor of Phenylglyoxylic Acid in Urine. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33546-33556.	4.0	27
22	Large-Area, Flexible, Transparent, and Long-Lived Polymer-Based Phosphorescence Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 13675-13685.	6.6	237
23	Water-Induced Blue-Green Variable Nonconventional Ultralong Room Temperature Phosphorescence from Cross-Linked Copolymers via Click Chemistry. <i>Advanced Optical Materials</i> , 2021, 9, 2101284.	3.6	24
24	Excitation-Dependent Long-Life Luminescent Polymeric Systems under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9967-9971.	7.2	242
25	Excitation-Dependent Long-Life Luminescent Polymeric Systems under Ambient Conditions. <i>Angewandte Chemie</i> , 2020, 132, 10053-10057.	1.6	49
26	Color-Tunable Polymeric Long-Persistent Luminescence Based on Polyphosphazenes. <i>Advanced Materials</i> , 2020, 32, e1907355.	11.1	176
27	Preparation and properties of polyurethane rigid foam materials modified by microencapsulated phase change materials. <i>Polymer Composites</i> , 2020, 41, 1662-1672.	2.3	17
28	Biodegradable long-persistent luminescent films based on PHB/PHBV as matrix and sunlight conversion applications. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 291-298.	1.2	3
29	Novel rare earth coordination polymers with greatly enhanced fluorescence by synergistic effect of carboxyl-functionalized poly(arylene ether nitrile) and 1,10-phenanthroline. <i>European Polymer Journal</i> , 2020, 141, 110078.	2.6	9
30	Facile synthesis of Ag nanoparticles-loaded chitosan antibacterial nanocomposite and its application in polypropylene. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1286-1295.	3.6	46
31	Mechanical Property and Structure of Polypropylene/Aluminum Alloy Hybrid Prepared via Ultrasound-Assisted Hot-Pressing Technology. <i>Materials</i> , 2020, 13, 236.	1.3	7
32	Selective sensing of Fe ³⁺ ions in aqueous solution by a biodegradable platform based lanthanide metal organic framework. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118084.	2.0	53
33	Influence of surface microstructure on bonding strength of modified polypropylene/aluminum alloy direct adhesion. <i>Applied Surface Science</i> , 2019, 489, 392-402.	3.1	52
34	Effect of doped trinuclear europium complexes on the photoluminescence of biodegradable Polybutylene succinate films. <i>Synthetic Metals</i> , 2019, 251, 57-64.	2.1	8
35	Highly selective and sensitive long fluorescence lifetime polyurethane foam sensor based on Tb-complex as chromophore for the detection of H ₂ PO ₄ ³⁻ in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 86-92.	2.0	13
36	Effect of Carbazoyl Groups on Photophysical Properties of Cyanuric Chloride. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47162-47169.	4.0	24

#	ARTICLE	IF	CITATIONS
37	Bonded-luminescent foam based on europium complexes as a reversible copper (II) ions sensor in pure water. <i>European Polymer Journal</i> , 2019, 112, 461-465.	2.6	29
38	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. <i>Communications Chemistry</i> , 2018, 1, .	2.0	156
39	Ultralong room temperature phosphorescence from amorphous organic materials toward confidential information encryption and decryption. <i>Science Advances</i> , 2018, 4, eaas9732.	4.7	515
40	Solvent-controlled Assembly of Aromatic Glutamic Dendrimers for Efficient Luminescent Color Conversion. <i>Advanced Functional Materials</i> , 2018, 28, 1802859.	7.8	43
41	Controlling Supramolecular Chirality of Two-Component Hydrogels by J - and H -Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6467-6473.	6.6	165
42	Poly- β -hydroxybutyrate sensitizing effect on the photophysical properties of environment friendly fluorescent films containing europium complex. <i>Journal of Luminescence</i> , 2016, 178, 172-177.	1.5	5
43	A series of highly quantum efficiency PMMA luminescent films doped with Eu-complex as promising light-conversion molecular devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 11284-11292.	1.1	9
44	Efficient red emission from poly(vinyl butyral) films doped with a novel europium complex based on a terpyridyl ancillary ligand: synthesis, structural elucidation by Sparkle/DM1 calculation, and photophysical properties. <i>Polymer Chemistry</i> , 2016, 7, 1147-1157.	1.9	21
45	Structure and Properties of Glass Fiber Reinforced Polypropylene/Liquid Crystal Polymer Blends. <i>Journal of Macromolecular Science - Physics</i> , 2015, 54, 1144-1152.	0.4	6
46	An efficiently colorimetric and fluorescent probe of fluoride, acetate and phosphate ions based on a novel trinuclear Eu-complex. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 133-139.	4.0	38
47	A novel colorimetric and fluorescent sensor for fluoride detection based on a three-arm phenanthroline derivative. <i>Journal of Materials Science</i> , 2014, 49, 7040-7048.	1.7	23
48	Synthesis and super retarding performance in cement production of diethanolamine modified lignin surfactant. <i>Construction and Building Materials</i> , 2014, 52, 116-121.	3.2	39
49	Study on dispersion, adsorption and flow retaining behaviors of cement mortars with TPEG-type polyether kind polycarboxylate superplasticizers. <i>Construction and Building Materials</i> , 2014, 64, 324-332.	3.2	122
50	Preparation and microstructural analysis of poly(ethylene oxide) comb-type grafted poly(N -isopropyl acrylamide) hydrogels crosslinked by poly(ϵ -caprolactone). <i>Journal of Applied Polymer Science</i> , 2013, 128, 275-282.	1.3	7
51	The Effects of Different Solvents and Excitation Wavelength on the Photophysical Properties of Two Novel Ir(III) Complexes Based on Phenylcinnoline Ligand. <i>Journal of Fluorescence</i> , 2013, 23, 865-875.	1.3	10
52	Efficient monochromatic red-light-emitting PLEDs based on a series of nonconjugated Eu-polymers containing a neutral terpyridyl ligand. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4885.	2.7	42
53	Synthesis of ambient temperature self-crosslinking VTES-based core-shell polyacrylate emulsion via modified micro-emulsion polymerization process. <i>Polymer Bulletin</i> , 2013, 70, 1631-1645.	1.7	11
54	Stable acrylate/triethoxyvinylsilane (VTES) core-shell emulsion with low surface tension made by modified micro-emulsion polymerization: Effect of different mass ratio of MMA/BA in the core and shell. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 549-556.	2.3	17

#	ARTICLE	IF	CITATIONS
55	An efficient Eu-based anion-selective chemosensor: Synthesis, sensing properties, and its use for the fabrication of fluorescent hydrogel probe. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 437-444.	4.0	43
56	The effect of two additional Eu ³⁺ lumophors in two novel trinuclear europium complexes on their photoluminescent properties. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 330-338.	1.6	34
57	Reversible Addition-Fragmentation Chain Transfer Polymerization of Methyl Methacrylate in Microemulsion: The Influence of Reaction Conditions on Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 321-329.	1.2	7
58	Novel near-infrared luminescent linear copolymer based on tris(8-hydroxyquinoline)erbium. <i>Synthetic Metals</i> , 2012, 162, 431-435.	2.1	9
59	Luminescent properties and CH ₃ COO ⁻ recognition of europium complexes with different phenanthroline derivatives as second ligands. <i>Synthetic Metals</i> , 2012, 162, 1097-1106.	2.1	22
60	Synthesis and photoluminescent properties of four novel trinuclear europium complexes based on two tris-β ² -diketones ligands. <i>Dyes and Pigments</i> , 2012, 92, 696-704.	2.0	68
61	An efficient long fluorescence lifetime polymer-based sensor based on europium complex as chromophore for the specific detection of F ⁻ , CH ₃ COO ⁻ , and H ₂ PO ₄ ⁻ . <i>Polymer Chemistry</i> , 2012, 3, 2640.	1.9	59
62	Bipolar Alq ₃ -based complexes: Effect of hole-transporting substituent on the properties of Alq ₃ -center. <i>Journal of Luminescence</i> , 2012, 132, 2427-2432.	1.5	2
63	Novel polymeric light-emitting devices based on bipolar copolymers containing quinoline aluminum moieties and N-vinylcarbazole segments. <i>Synthetic Metals</i> , 2011, 161, 1771-1775.	2.1	10
64	Studies of energy/electron transfer in the photoluminescence process of bipolar Al-complex containing phenothiazine group. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 241-248.	2.0	3
65	Synthesis and characterization of a novel bipolar Alq ₃ -based copolymer containing carbazole and phenothiazine groups. <i>Journal of Polymer Research</i> , 2011, 18, 1197-1206.	1.2	7
66	Synthesis and photophysics properties of novel bipolar copolymers containing quinoline aluminum moieties and carbazole segments. <i>European Polymer Journal</i> , 2011, 47, 385-393.	2.6	24
67	Highly quantum efficiency trinuclear Eu ³⁺ complex based on tris-diketonate ligand. <i>Inorganic Chemistry Communication</i> , 2011, 14, 61-63.	1.8	13