

Xing Feng

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.

71
papers

1,468
citations

24
h-index

36
g-index

79
ext. papers

1,945
ext. citations

5
avg, IF

4.74
L-index

#	Paper	IF	Citations
71	Steric influences on the photophysical properties of pyrene-based derivatives; mechanochromism and their pH-responsive ability. <i>Dyes and Pigments</i> , 2022 , 200, 110123	4.6	1
70	Non-Layered Te/In S Tunneling Heterojunctions with Ultrahigh Photoresponsivity and Fast Photoresponse.. <i>Small</i> , 2022 , e2200445	11	3
69	Synthesis and Photophysical Properties of Benzothiadiazole-Based Luminescence Materials with Tunable Emission Properties. <i>Journal of Molecular Structure</i> , 2022 , 133435	3.4	
68	Pd-Immobilized Schiff Base Double-Layer Macrocycle: Synthesis, Structures, Peroxidase Mimic Activity, and Antibacterial Performance.. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	1
67	Pyrene-based asymmetric hexaarylbenzene derivatives: Synthesis, crystal structures, and photophysical properties. <i>Journal of Luminescence</i> , 2021 , 243, 118653	3.8	0
66	Stimuli-Responsive Materials from Ferrocene-Based Organic Small Molecule for Wearable Sensors. <i>Small</i> , 2021 , 17, e2103125	11	5
65	Trivalent Chromium Ions Doped Fluorides with Both Broad Emission Bandwidth and Excellent Luminescence Thermal Stability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18274-18282	9.5	30
64	An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. <i>Journal of Organic Chemistry</i> , 2021 , 86, 7359-7369	4.2	0
63	New Quinoxaline-Based Blue Emitters: Molecular Structures, Aggregation-Induced Enhanced Emission Characteristics and OLED Application. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2154-2162	4.9	7
62	Dynamic Coordination between a Triphenylamine-Functionalized Salicylaldehyde Schiff Base and a Copper(II) Ion. <i>Inorganic Chemistry</i> , 2021 , 60, 8581-8591	5.1	5
61	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. <i>ACS Nano</i> , 2021 , 15, 9924-9934	16.7	5
60	Through-Space C ⁺ Br ⁺ Halogen Interaction: Efficient Modulation of Reaction-Based Photochromism and Photoluminescence at Crystalline States for Irradiation Time-Dependent Anti-Counterfeiting. <i>Advanced Functional Materials</i> , 2021 , 31, 2009024	15.6	7
59	Pyrene-fused Dibenzoazatetracenes: Synthesis, Crystal Structures, Photophysical Properties and their Morphologies. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 233-240	3	2
58	Pyrene-based aggregation-induced emission luminogens (AIEgens) with less colour migration for anti-counterfeiting applications. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12828-12838	7.1	9
57	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , 2021 , 192, 109452	4.6	3
56	Conformation-dependent mechanochromic delayed fluorescence of AIE-active tetra-coordinated B ⁺ complexes. <i>Dyes and Pigments</i> , 2021 , 196, 109776	4.6	6
55	Aggregation-induced emission luminogen: A new perspective in the photo-degradation of organic pollutants. <i>EcoMat</i> , 2020 , 2, e12024	9.4	6

54	Exploring thieno[3,4-c]pyrrole-4,6-dione combined thiophene as a bridge to construct non-fullerene acceptors with high VOC beyond 1.0V. <i>Dyes and Pigments</i> , 2020 , 178, 108335	4.6	7
53	A turn-off fluorescent probe for the detection of Cu ²⁺ based on a tetraphenylethylene-functionalized salicylaldehyde Schiff-base. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1500-1506	7.8	31
52	Studies on Lewis-Acid Induced Reactions of 8-Methoxy[2.2]metacyclophanes: A New Synthetic Route to Alkylated Pyrenes. <i>ChemistrySelect</i> , 2020 , 5, 1269-1274	1.8	2
51	Tetraphenylethylene-based color-tunable AIE-ESIPT chromophores. <i>Dyes and Pigments</i> , 2020 , 175, 1081756	7.6	18
50	Aggregation-Induced Emission Luminogens for Direct Exfoliation of 2D Layered Materials in Ethanol. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000795	4.6	2
49	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2283-2290	7.1	40
48	Pyrene-based aggregation-induced emission luminogens (AIEgen): structure correlated with particle size distribution and mechanochromism. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6932-6940	7.1	27
47	Pyrene-based aggregation-induced emission luminogens and their applications. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 762-781	7.8	124
46	Synthesis, Structures and Lewis-Acid-Induced Isomerization of 8-Methoxy[2.2]metaparacyclophanes and a DFT Study. <i>ChemistrySelect</i> , 2019 , 4, 3630-3635	1.8	4
45	A red phosphor Mg ₃ Y ₂ Ge ₃ O ₁₂ : Bi ³⁺ , Eu ³⁺ with high brightness and excellent thermal stability of luminescence for white light-emitting diodes. <i>Journal of Luminescence</i> , 2019 , 210, 202-209	3.8	44
44	Pyrene-Fused Pyrazaacenes with Eight Rectilinearly Arranged Aromatic Rings. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 155-160	3	4
43	Near-infrared quantum cutting via energy transfer in Bi ³⁺ , Yb ³⁺ co-doped Lu ₂ GeO ₅ down-converting phosphor. <i>Journal of Alloys and Compounds</i> , 2019 , 784, 611-619	5.7	27
42	Enhanced near infrared luminescence of Lu ₂ GeO ₅ : Nd ³⁺ by the co-doping of Bi ³⁺ . <i>Journal of Luminescence</i> , 2019 , 206, 278-283	3.8	10
41	Two-Photon-Absorption Properties of Pyrene-Based Dipolar D-πA Fluorophores. <i>ChemPhotoChem</i> , 2018 , 2, 749-756	3.3	8
40	Multiple Photoluminescence from Pyrene-Fused Hexaarylbenzenes with Aggregation-Enhanced Emission Features. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 444-450	3	16
39	Tunable Polarity Behavior and High-Performance Photosensitive Characteristics in Schottky-Barrier Field-Effect Transistors Based on Multilayer WS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2745-2751	9.5	13
38	Pyrene-based color-tunable dipolar molecules: Synthesis, characterization and optical properties. <i>Dyes and Pigments</i> , 2018 , 153, 125-131	4.6	16
37	A Substitution-Dependent Light-Up Fluorescence Probe for Selectively Detecting Fe ³⁺ Ions and Its Cell Imaging Application. <i>Advanced Functional Materials</i> , 2018 , 28, 1802833	15.6	43

36	The effect of Sr/Ba ratio on the structure and luminescence properties of phosphors Sr ₂ -Ba MgGeO ₇ : Pb ²⁺ . <i>Optik</i> , 2018 , 174, 56-61	2.5	3
35	Synthesis, Structures and DFT Computational Studies of [3.1.1]Metacyclophanes Containing Benzofuran Rings. <i>ChemistrySelect</i> , 2018 , 3, 13542-13547	1.8	5
34	Adjusting the structure and luminescence properties of Sr Ba MgAl O :Eu phosphors by Sr:Ba ratio. <i>Luminescence</i> , 2018 , 33, 1371-1376	2.5	5
33	Preparation and luminescence properties of white light-emitting phosphors LaAl ₂ O ₃ B ₄ O ₁₀ .54: Dy ³⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	9
32	Dual fluorescence of tetraphenylethylene-substituted pyrenes with aggregation-induced emission characteristics for white-light emission. <i>Chemical Science</i> , 2018 , 9, 5679-5687	9.4	81
31	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. <i>Chemistry of Materials</i> , 2018 , 30, 4778-4787	9.6	88
30	Synthesis, Structure and Photophysical Properties of Pyrene-Based [5]Helicenes: an Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2017 , 2, 1436-1441	1.8	9
29	Synthesis and fluorescence emission properties of D-ED monomers based on dithieno[3,2-b:2',3'-d]thiophene. <i>Journal of Luminescence</i> , 2017 , 188, 388-393	3.8	5
28	D-ED chromophores based on dithieno[3,2-b:2',3'-d]thiophene (DTT): Potential application in the fabrication of solar cell. <i>Tetrahedron</i> , 2017 , 73, 307-312	2.4	9
27	Pyrene-Based Approach to Tune Emission Color from Blue to Yellow. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7176-7182	4.2	24
26	Anthracene-based derivatives: Synthesis, photophysical properties and electrochemical properties. <i>Chemical Research in Chinese Universities</i> , 2017 , 33, 603-610	2.2	7
25	Extended π -Conjugated Pyrene Derivatives: Structural, Photophysical and Electrochemical Properties. <i>ChemistrySelect</i> , 2016 , 1, 1926-1932	1.8	2
24	Functionalization of Pyrene To Prepare Luminescent Materials-Typical Examples of Synthetic Methodology. <i>Chemistry - A European Journal</i> , 2016 , 22, 11898-916	4.8	135
23	Demethylation of 5,n-di-tert-butyl-8,n-dimethoxy[2.n]metacyclophane-1-yne with BBr ₃ to afford novel [n]benzofuranophanes. <i>Journal of Molecular Structure</i> , 2016 , 1122, 247-255	3.4	8
22	Regioselective Substitution at the 1,3- and 6,8-Positions of Pyrene for the Construction of Small Dipolar Molecules. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10973-8	4.2	30
21	Iron(III) bromide catalyzed bromination of 2-tert-butylpyrene and corresponding position-dependent aryl-functionalized pyrene derivatives. <i>RSC Advances</i> , 2015 , 5, 8835-8848	3.7	11
20	Influence of substituent position on thermal properties, photoluminescence and morphology of pyrenefluorene derivatives. <i>Journal of Molecular Structure</i> , 2015 , 1086, 216-222	3.4	14
19	Synthesis and fluorescence emission properties of 1,3,6,8-tetraarylpyrenes. <i>Journal of Molecular Structure</i> , 2013 , 1047, 194-203	3.4	12

18	Synthesis, Structural, and Photophysical Properties of the First Member of the Class of Pyrene-Based [4]Helicenes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5829-5837	3.2	11
17	Synthesis, structural and spectral properties of diarylamino-functionalized pyrene derivatives via Buchwald-Hartwig amination reaction. <i>Journal of Molecular Structure</i> , 2013 , 1035, 19-26	3.4	20
16	Synthesis and photoreaction of polymethyl substituted [2.2]metaparacyclophanes. <i>Journal of Molecular Structure</i> , 2013 , 1037, 271-275	3.4	4
15	Synthesis, crystal structure and photophysical properties of 5-mono- and 5,9-bis-(arylethynyl)-functionalized pyrenes. <i>Journal of Luminescence</i> , 2013 , 141, 111-120	3.8	3
14	Synthesis and photophysical properties of novel butterfly-shaped blue emitters based on pyrene. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 8366-74	3.9	26
13	Blue-emitting butterfly-shaped 1,3,5,9-tetraarylpyrenes: synthesis, crystal structures, and photophysical properties. <i>Organic Letters</i> , 2013 , 15, 1318-21	6.2	43
12	Pyrene-cored blue-light emitting [4]helicenes: synthesis, crystal structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2186-97	3.9	39
11	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. <i>CrystEngComm</i> , 2013 , 15, 1994	3.3	30
10	An efficient approach to the synthesis of novel pyrene-fused azaacenes. <i>Organic Letters</i> , 2013 , 15, 3594-6.2	3.2	39
9	Highly emissive hand-shaped π -conjugated alkynylpyrenes: synthesis, structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 2255-62	3.9	27
8	Synthesis and Structure of 2,3-Bis(5-tert-butyl-2-methoxyphenyl)buta-1,3-diene by Bromine Elimination of (Z)-1,4-Dibromo-2,3-bis(5-tert-butyl-2-methoxyphenyl)-2-butene. <i>Synthetic Communications</i> , 2012 , 42, 3128-3139	1.7	0
7	Pyrene-based Y-shaped solid-state blue emitters: synthesis, characterization, and photoluminescence. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2854-63	4.5	37
6	Stable cucurbit[5]uril MOF structures as Beaded Rings built on a p-hydroxybenzoic acid template a small molecule absorption material. <i>CrystEngComm</i> , 2011 , 13, 5049	3.3	58
5	Coordination and Supramolecular Self-Assemblies of Alkali and Alkaline Earth Metal Ions to Cucurbit[5]uril in the Presence of Nitrophenol. <i>Crystal Growth and Design</i> , 2011 , 11, 5712-5722	3.5	25
4	Design and Synthesis of Self-assembly Supramolecular Entities Based on Noncovalent Interaction of Cucurbit[5]uril, Metal Ions, and Hydroxybenzene or Its Derivatives. <i>Crystal Growth and Design</i> , 2010 , 10, 2901-2907	3.5	22
3	Approach to 10-Unit Bracelet Frameworks Based on Coordination of Alkyl-Substituted Cucurbit[5]urils and Potassium Ions. <i>Crystal Growth and Design</i> , 2010 , 10, 5113-5116	3.5	41
2	Complexation of cyclohexanocucurbit[6]uril with cadmium ions: X-ray crystallographic and electrochemical study. <i>Inorganic Chemistry</i> , 2010 , 49, 7638-40	5.1	30
1	A novel two-dimensional network formed by complexation of cucurbituril with cadmium ions. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 849-852	3.1	23

