

# Xing Feng

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4442037/xing-feng-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.

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	Functionalization of Pyrene To Prepare Luminescent Materials-Typical Examples of Synthetic Methodology. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11898-916	4.8	135
70	Pyrene-based aggregation-induced emission luminogens and their applications. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 762-781	7.8	124
69	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 4778-4787	9.6	88
68	Dual fluorescence of tetraphenylethylene-substituted pyrenes with aggregation-induced emission characteristics for white-light emission. <i>Chemical Science</i> , <b>2018</b> , 9, 5679-5687	9.4	81
67	Stable cucurbit[5]uril MOF structures as Beaded Rings built on a p-hydroxybenzoic acid template small molecule absorption material. <i>CrystEngComm</i> , <b>2011</b> , 13, 5049	3.3	58
66	A red phosphor Mg <sub>3</sub> Y <sub>2</sub> Ge <sub>3</sub> O <sub>12</sub> : Bi <sup>3+</sup> , Eu <sup>3+</sup> with high brightness and excellent thermal stability of luminescence for white light-emitting diodes. <i>Journal of Luminescence</i> , <b>2019</b> , 210, 202-209	3.8	44
65	A Substitution-Dependent Light-Up Fluorescence Probe for Selectively Detecting Fe <sup>3+</sup> Ions and Its Cell Imaging Application. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802833	15.6	43
64	Blue-emitting butterfly-shaped 1,3,5,9-tetraarylpyrenes: synthesis, crystal structures, and photophysical properties. <i>Organic Letters</i> , <b>2013</b> , 15, 1318-21	6.2	43
63	Approach to 10-Unit Bracelet Frameworks Based on Coordination of Alkyl-Substituted Cucurbit[5]urils and Potassium Ions. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 5113-5116	3.5	41
62	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 2283-2290	7.1	40
61	Pyrene-cored blue-light emitting [4]helicenes: synthesis, crystal structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 2186-97	3.9	39
60	An efficient approach to the synthesis of novel pyrene-fused azaacenes. <i>Organic Letters</i> , <b>2013</b> , 15, 3594-7.2	6.2	39
59	Pyrene-based Y-shaped solid-state blue emitters: synthesis, characterization, and photoluminescence. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 2854-63	4.5	37
58	A turn-off fluorescent probe for the detection of Cu <sup>2+</sup> based on a tetraphenylethylene-functionalized salicylaldehyde Schiff-base. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 1500-1506	7.8	31
57	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> , <b>2015</b> , 80, 10973-8	4.2	30
56	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. <i>CrystEngComm</i> , <b>2013</b> , 15, 1994	3.3	30
55	Complexation of cyclohexanocucurbit[6]uril with cadmium ions: X-ray crystallographic and electrochemical study. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7638-40	5.1	30

54	Trivalent Chromium Ions Doped Fluorides with Both Broad Emission Bandwidth and Excellent Luminescence Thermal Stability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 18274-18282	9.5	30
53	Pyrene-based aggregation-induced emission luminogens (AIEgen): structure correlated with particle size distribution and mechanochromism. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 6932-6940	7.1	27
52	Highly emissive hand-shaped $\pi$ -conjugated alkynylpyrenes: synthesis, structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 2255-62	3.9	27
51	Near-infrared quantum cutting via energy transfer in Bi <sup>3+</sup> , Yb <sup>3+</sup> co-doped Lu <sub>2</sub> GeO <sub>5</sub> down-converting phosphor. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 611-619	5.7	27
50	Synthesis and photophysical properties of novel butterfly-shaped blue emitters based on pyrene. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 8366-74	3.9	26
49	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> , <b>2011</b> , 11, 5712-5722	3.5	25
48	Pyrene-Based Approach to Tune Emission Color from Blue to Yellow. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7176-7182	4.2	24
47	A novel two-dimensional network formed by complexation of cucurbituril with cadmium ions. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 849-852	3.1	23
46	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> , <b>2010</b> , 10, 2901-2907	3.5	22
45	Synthesis, structural and spectral properties of diarylamino-functionalized pyrene derivatives via Buchwald-Hartwig amination reaction. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1035, 19-26	3.4	20
44	Tetraphenylethylene-based color-tunable AIE-ESIPT chromophores. <i>Dyes and Pigments</i> , <b>2020</b> , 175, 108175	4.6	18
43	Multiple Photoluminescence from Pyrene-Fused Hexaarylbenzenes with Aggregation-Enhanced Emission Features. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 444-450	3	16
42	Pyrene-based color-tunable dipolar molecules: Synthesis, characterization and optical properties. <i>Dyes and Pigments</i> , <b>2018</b> , 153, 125-131	4.6	16
41	Influence of substituent position on thermal properties, photoluminescence and morphology of pyrene-fluorene derivatives. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1086, 216-222	3.4	14
40	Tunable Polarity Behavior and High-Performance Photosensitive Characteristics in Schottky-Barrier Field-Effect Transistors Based on Multilayer WS <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2745-2751	9.5	13
39	Synthesis and fluorescence emission properties of 1,3,6,8-tetraarylpyrenes. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1047, 194-203	3.4	12
38	Iron(III) bromide catalyzed bromination of 2-tert-butylpyrene and corresponding position-dependent aryl-functionalized pyrene derivatives. <i>RSC Advances</i> , <b>2015</b> , 5, 8835-8848	3.7	11
37	Synthesis, Structural, and Photophysical Properties of the First Member of the Class of Pyrene-Based [4]Helicenes. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 5829-5837	3.2	11

36	Enhanced near infrared luminescence of Lu <sub>2</sub> GeO <sub>5</sub> : Nd <sup>3+</sup> by the co-doping of Bi <sup>3+</sup> . <i>Journal of Luminescence</i> , <b>2019</b> , 206, 278-283	3.8	10
35	Synthesis, Structure and Photophysical Properties of PyreneBased [5]Helicenes: an Experimental and Theoretical Study. <i>ChemistrySelect</i> , <b>2017</b> , 2, 1436-1441	1.8	9
34	D-π chromophores based on dithieno[3,2-b:2',3'-d]thiophene (DTT): Potential application in the fabrication of solar cell. <i>Tetrahedron</i> , <b>2017</b> , 73, 307-312	2.4	9
33	Pyrene-based aggregation-induced emission luminogens (AIEgens) with less colour migration for anti-counterfeiting applications. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 12828-12838	7.1	9
32	Preparation and luminescence properties of white light-emitting phosphors LaAl <sub>2</sub> O <sub>3</sub> B <sub>4</sub> O <sub>10</sub> .54: Dy <sup>3+</sup> . <i>Applied Physics A: Materials Science and Processing</i> , <b>2018</b> , 124, 1	2.6	9
31	Two-Photon-Absorption Properties of Pyrene-Based Dipolar D-π Fluorophores. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 749-756	3.3	8
30	Demethylation of 5,n-di-tert-butyl-8,n-dimethoxy[2.n]metacyclophane-1-yne with BBr <sub>3</sub> to afford novel [n]benzofuranophanes. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1122, 247-255	3.4	8
29	Exploring thieno[3,4-c]pyrrole-4,6-dione combined thiophene as bridge to construct non-fullerene acceptors with high VOC beyond 1.0V. <i>Dyes and Pigments</i> , <b>2020</b> , 178, 108335	4.6	7
28	Anthracene-based derivatives: Synthesis, photophysical properties and electrochemical properties. <i>Chemical Research in Chinese Universities</i> , <b>2017</b> , 33, 603-610	2.2	7
27	New Quinoxaline-Based Blue Emitters: Molecular Structures, Aggregation-Induced Enhanced Emission Characteristics and OLED Application. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2154-2162	4.9	7
26	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> , <b>2021</b> , 31, 2009024	15.6	7
25	Aggregation-induced emission luminogen: A new perspective in the photo-degradation of organic pollutants. <i>EcoMat</i> , <b>2020</b> , 2, e12024	9.4	6
24	Conformation-dependent mechanochromic delayed fluorescence of AIE-active tetra-coordinated B <sub>10</sub> complexes. <i>Dyes and Pigments</i> , <b>2021</b> , 196, 109776	4.6	6
23	Synthesis and fluorescence emission properties of D-π monomers based on dithieno[3,2-b:2',3'-d]thiophene. <i>Journal of Luminescence</i> , <b>2017</b> , 188, 388-393	3.8	5
22	Stimuli-Responsive Materials from Ferrocene-Based Organic Small Molecule for Wearable Sensors. <i>Small</i> , <b>2021</b> , 17, e2103125	11	5
21	Dynamic Coordination between a Triphenylamine-Functionalized Salicylaldehyde Schiff Base and a Copper(II) Ion. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8581-8591	5.1	5
20	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. <i>ACS Nano</i> , <b>2021</b> , 15, 9924-9934	16.7	5
19	Synthesis, Structures and DFT Computational Studies of [3.1.1]Metacyclophanes Containing Benzofuran Rings. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13542-13547	1.8	5

18	Adjusting the structure and luminescence properties of Sr Ba MgAl O :Eu phosphors by Sr:Ba ratio. <i>Luminescence</i> , <b>2018</b> , 33, 1371-1376	2.5	5
17	Synthesis, Structures and Lewis-Acid-Induced Isomerization of 8-Methoxy[2.2]metaparacyclophanes and a DFT Study. <i>ChemistrySelect</i> , <b>2019</b> , 4, 3630-3635	1.8	4
16	Synthesis and photoreaction of polymethyl substituted [2.2]metaparacyclophanes. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1037, 271-275	3.4	4
15	Pyrene-Fused Pyrazaacenes with Eight Rectilinearly Arranged Aromatic Rings. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 155-160	3	4
14	The effect of Sr/Ba ratio on the structure and luminescence properties of phosphors Sr <sub>2</sub> -Ba MgGeO <sub>7</sub> : Pb <sup>2+</sup> . <i>Optik</i> , <b>2018</b> , 174, 56-61	2.5	3
13	Synthesis, crystal structure and photophysical properties of 5-mono- and 5,9-bis-(arylethynyl)-functionalized pyrenes. <i>Journal of Luminescence</i> , <b>2013</b> , 141, 111-120	3.8	3
12	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , <b>2021</b> , 192, 109452	4.6	3
11	Non-Layered Te/In S Tunneling Heterojunctions with Ultrahigh Photoresponsivity and Fast Photoresponse.. <i>Small</i> , <b>2022</b> , e2200445	11	3
10	Studies on Lewis-Acid Induced Reactions of 8-Methoxy[2.2]metacyclophanes: A New Synthetic Route to Alkylated Pyrenes. <i>ChemistrySelect</i> , <b>2020</b> , 5, 1269-1274	1.8	2
9	Extended EConjugated Pyrene Derivatives: Structural, Photophysical and Electrochemical Properties. <i>ChemistrySelect</i> , <b>2016</b> , 1, 1926-1932	1.8	2
8	Aggregation-Induced Emission Luminogens for Direct Exfoliation of 2D Layered Materials in Ethanol. <i>Advanced Materials Interfaces</i> , <b>2020</b> , 7, 2000795	4.6	2
7	Pyrene-fused Dibenzoazatetracenes: Synthesis, Crystal Structures, Photophysical Properties and their Morphologies. <i>Asian Journal of Organic Chemistry</i> , <b>2021</b> , 10, 233-240	3	2
6	Pd-Immobilized Schiff Base Double-Layer Macrocycle: Synthesis, Structures, Peroxidase Mimic Activity, and Antibacterial Performance.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	1
5	Steric influences on the photophysical properties of pyrene-based derivatives; mechanochromism and their pH-responsive ability. <i>Dyes and Pigments</i> , <b>2022</b> , 200, 110123	4.6	1
4	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> , <b>2012</b> , 42, 3128-3139	1.7	0
3	Pyrene-based asymmetric hexaarylbenzene derivatives: Synthesis, crystal structures, and photophysical properties. <i>Journal of Luminescence</i> , <b>2021</b> , 243, 118653	3.8	0
2	An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 7359-7369	4.2	0
1	Synthesis and Photophysical Properties of Benzothiadiazole-Based Luminescence Materials with Tunable Emission Properties. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133435	3.4	

