

Tianzhi Yu

List of Publications by Year in descending order

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573
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623734

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#	ARTICLE	IF	CITATIONS
1	Investigation of novel carbazole-functionalized coumarin derivatives as organic luminescent materials. <i>Dyes and Pigments</i> , 2017, 147, 260-269.	3.7	74
2	Synthesis, characterization and high-efficiency blue electroluminescence based on coumarin derivatives of 7-diethylamino-coumarin-3-carboxamide. <i>Organic Electronics</i> , 2009, 10, 653-660.	2.6	65
3	Synthesis, crystal structure and photoluminescence of 3-(1-benzotriazole)-4-methyl-coumarin. <i>Journal of Molecular Structure</i> , 2006, 791, 18-22.	3.6	52
4	Synthesis and photoluminescent properties of two novel tripodal compounds containing coumarin moieties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 168-173.	3.9	26
5	Functionalized coumarin derivatives containing aromatic-imidazole unit as organic luminescent materials. <i>Dyes and Pigments</i> , 2020, 173, 107958.	3.7	26
6	Efficient green phosphorescent Ir(III) complexes with β^2 -diketonate ancillary ligands. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2321-2331.	6.0	24
7	Synthesis and characterization of SFX-based coumarin derivatives for OLEDs. <i>Dyes and Pigments</i> , 2021, 185, 108969.	3.7	22
8	Highly efficient phosphorescent materials based on Ir(III) complexes-grafted on a polyhedral oligomeric silsesquioxane core. <i>Dalton Transactions</i> , 2016, 45, 13491-13502.	3.3	19
9	Four new bipolar Indolo[3,2-b]carbazole derivatives for blue OLEDs. <i>Dyes and Pigments</i> , 2021, 187, 109096.	3.7	19
10	Benzo[d]imidazole-functionalized triazatruxenes as the emitting materials for solution-processed non-doped OLEDs. <i>Dyes and Pigments</i> , 2021, 188, 109165.	3.7	19
11	Synthesis, characterization, and photo- and electro-luminescence of Ir(III) complexes containing carrier transporting group-substituted β^2 -diketonate ligand. <i>RSC Advances</i> , 2014, 4, 11680.	3.6	18
12	Synthesis, structure, photo- and electro-luminescence of an iridium(III) complex with a novel carbazole functionalized β^2 -diketone ligand. <i>RSC Advances</i> , 2014, 4, 554-562.	3.6	18
13	Synthesis and characterization of green-emitting Ir(III) complexes based on a functionalized benzimidazole ligand. <i>New Journal of Chemistry</i> , 2017, 41, 2046-2054.	2.8	18
14	Synthesis and rare earth metal ion-sensing properties of aza-crown derivative incorporating with diaryl-1,3,4-oxadiazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 396-400.	3.9	15
15	Characterization of anti-reflective and self-cleaning SiO ₂ @TiO ₂ composite film. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 66, 274-279.	2.4	15
16	Synthesis, crystal structure and photoluminescence of phosphorescent copper (I) complexes containing hole-transporting carbazoly moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 109, 179-185.	3.9	14
17	Synthesis and photo- and electro-luminescent properties of Ir(III) complexes attached to polyhedral oligomeric silsesquioxane materials. <i>RSC Advances</i> , 2015, 5, 80572-80582.	3.6	13
18	Photo- and electro-luminescence properties of the organic bipolar molecules containing phenothiazine and phenanthoimidazole moieties. <i>Synthetic Metals</i> , 2020, 265, 116406.	3.9	12

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19	Synthesis and photoluminescent properties of 7-N,N-diphenylamino-3-benzoheterocyclic coumarin derivatives. <i>Research on Chemical Intermediates</i> , 2013, 39, 2259-2266.	2.7	8
20	A one-pot reaction to synthesize two types of fluorescent materials containing benzothiazolyl moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 108, 274-279.	3.9	7
21	Synthesis and characterization of 9,10-[di-p-(7-diethylamino-coumarin-3-yl) thiophenyl]anthracene as fluorescent material. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 89-98.	2.0	7
22	Synthesis, crystal structures and photoluminescence of 7-(N,N ² -diethylamino)-3-phenylcoumarin derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1036-1042.	3.9	6
23	Synthesis, Crystal Structure and Photoluminescence of a Cyclometalated Iridium(III) Coumarin Complex. <i>Journal of Fluorescence</i> , 2013, 23, 777-783.	2.5	6
24	Investigation of the imidazole-derived moiety/spiro[fluorene-9,9 ² -xanthene] hybrid compounds for blue luminescent materials. <i>Synthetic Metals</i> , 2021, 277, 116771.	3.9	6
25	Synthesis and Cytotoxic Activity of Coumarin Derivatives Containing Benzotriazole Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2655-2663.	1.6	5
26	Synthesis and photovoltaic properties of carbazole-substituted fullerene derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 4702-4706.	2.8	5
27	Synthesis and photophysical properties of 2,2 ² -bis(oligothiophene)-9,9 ² -bifluorenylidene derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 2094-2103.	2.8	5
28	Synthesis, Characterization and Luminescent Properties of Anthracen- or Pyrene-Based Coumarin Derivatives. <i>Journal of Fluorescence</i> , 2018, 28, 1143-1150.	2.5	5
29	Synthesis and luminescence properties of two Ir(ⁱⁱⁱ) complexes containing styrene-modified phenylpyridine ligands. <i>New Journal of Chemistry</i> , 2021, 45, 3311-3318.	2.8	5
30	Synthesis and photophysical properties of fullerene derivatives containing a C ₆₀ -fluorene core. <i>New Journal of Chemistry</i> , 2019, 43, 4356-4363.	2.8	5
31	Synthesis, crystal structures and photoluminescence of anthracen- and pyrene-based coumarin derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 316-320.	3.9	4
32	A 9,9 ² -bifluorenylidene derivative containing four 1,1-dicyanomethylene-3-indanone end-capped groups as an electron acceptor for organic photovoltaic cells. <i>New Journal of Chemistry</i> , 2019, 43, 18110-18119.	2.8	4
33	Synthesis and luminescence properties of two cross-linkable Ir(ⁱⁱⁱ) complexes. <i>New Journal of Chemistry</i> , 2021, 45, 19154-19163.	2.8	4
34	Preparation, photo- and electro-luminescent properties of a novel complex of Tb (III) with a tripod ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 654-658.	3.9	3
35	Cytotoxicity evaluation of coumarin derivatives containing 4-bromophenyl or anthracene moieties. <i>Research on Chemical Intermediates</i> , 2013, 39, 1817-1822.	2.7	3
36	Effect of different imidazole derived moieties on the photo- and electro-luminescence properties of 2,7,12-trisubstituted triazatruxene derivatives. <i>New Journal of Chemistry</i> , 2021, 45, 21395-21405.	2.8	3

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37	Photo- and electro-luminescence properties of two coumarin-triarylimidazole hybrid derivatives. <i>New Journal of Chemistry</i> , 2021, 46, 212-220.	2.8	3
38	Synthesis and properties of butterfly-shaped naphthalimide-based AIE-active fluorescent dyes. <i>Chemical Papers</i> , 2022, 76, 2397-2404.	2.2	3
39	Synthesis and luminescence properties of functionalized V-shaped bis-coumarin derivatives. <i>New Journal of Chemistry</i> , 2022, 46, 6793-6803.	2.8	3
40	Effects of phenothiazine and phenoxazine on photophysical properties of coumarin derivatives. <i>Chemical Papers</i> , 2020, 74, 305-310.	2.2	2
41	Synthesis and fluorescence properties of 7-hydroxy-3-(2-pyridyl)coumarin derivatives. <i>Research on Chemical Intermediates</i> , 2012, 38, 215-222.	2.7	1
42	Photo- and electro-luminescent properties of 2,7-disubstituted spiro[fluorene-9,9'-xanthene] derivatives containing imidazole-derived moieties. <i>New Journal of Chemistry</i> , 0, , .	2.8	1
43	A Schiff base Zinc Complex and its Photoluminescent Properties. , 2007, , .		0
44	Crystal Structure, UV-vis Absorption and Fluorescent Properties of a Novel Coumarin Derivative. , 2007, , .		0
45	Crystal Structure of Bis(1-phenylisoquinolyl-N,C2)(3-hydroxypicolinato)-iridium(III), Ir(1-piq)2(pic-3-OH). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X157-X158.	0.1	0
46	Crystal Structure of (1-Phenyl-3-methyl-4-benzoyl-pyrazol-5-onate)-bis(triphenylphosphine)copper(II) Tetrafluoroborate Dichloromethane Solvate, [Cu(PMBP)(PPh3)2]BF4 CH2Cl2. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X181-X182.	0.1	0
47	Two cyanopyridinone-capped 9,9'-bifluorenylidene derivatives as non-fullerene acceptors for organic photovoltaic cells. <i>New Journal of Chemistry</i> , 2021, 45, 7637-7646.	2.8	0
48	Synthesis and Luminescent Properties of 1,4,5-Triphenylimidazole-Phenothiazine Fluorophores. <i>Journal of Fluorescence</i> , 0, , .	2.5	0