

Hua Lu

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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.

121
papers

5,548
citations

40
h-index

72
g-index

129
ext. papers

6,399
ext. citations

6
avg, IF

5.89
L-index

#	Paper	IF	Citations
121	Structural modification strategies for the rational design of red/NIR region BODIPYs. <i>Chemical Society Reviews</i> , 2014 , 43, 4778-823	58.5	868
120	Ultrafast all-optical switching in nanoplasmonic waveguide with Kerr nonlinear resonator. <i>Optics Express</i> , 2011 , 19, 2910-5	3.3	235
119	Tunable band-pass plasmonic waveguide filters with nanodisk resonators. <i>Optics Express</i> , 2010 , 18, 17923-7	3.7	215
118	Tunable multi-channel wavelength demultiplexer based on MIM plasmonic nanodisk resonators at telecommunication regime. <i>Optics Express</i> , 2011 , 19, 3513-8	3.3	185
117	Optically Active Porphyrin and Phthalocyanine Systems. <i>Chemical Reviews</i> , 2016 , 116, 6184-261	68.1	177
116	Long-cavity passively mode-locked fiber ring laser with high-energy rectangular-shape pulses in anomalous dispersion regime. <i>Optics Letters</i> , 2010 , 35, 3249-51	3	145
115	Tuning the solid-state luminescence of BODIPY derivatives with bulky arylsilyl groups: synthesis and spectroscopic properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 7852-61	4.8	121
114	Graphene-based active slow surface plasmon polaritons. <i>Scientific Reports</i> , 2015 , 5, 8443	4.9	118
113	Dispersionless slow light in MIM waveguide based on a plasmonic analogue of electromagnetically induced transparency. <i>Optics Express</i> , 2012 , 20, 20902-7	3.3	117
112	Ratiometric fluorescence chemodosimeters for fluoride anion based on pyrene excimer/monomer transformation. <i>Chemical Communications</i> , 2012 , 48, 10721-3	5.8	111
111	Preparation of highly sensitive Pt nanoparticles-carbon quantum dots/ionic liquid functionalized graphene oxide nanocomposites and application for H ₂ O ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 1500-1506	8.5	109
110	Tunable high-channel-count bandpass plasmonic filters based on an analogue of electromagnetically induced transparency. <i>Nanotechnology</i> , 2012 , 23, 444003	3.4	103
109	Synthesis and spectroscopic properties of fused-ring-expanded aza-boradiazaindacenes. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1026-37	4.5	103
108	A highly selective and sensitive fluorescent turn-on sensor for Hg ²⁺ and its application in live cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2554-8	3.9	89
107	Organosilicon compounds as fluorescent chemosensors for fluoride anion recognition. <i>Coordination Chemistry Reviews</i> , 2015 , 285, 24-51	23.2	84
106	Flexible high-repetition-rate ultrafast fiber laser. <i>Scientific Reports</i> , 2013 , 3, 3223	4.9	84
105	Enhancement of transmission efficiency of nanoplasmonic wavelength demultiplexer based on channel drop filters and reflection nanocavities. <i>Optics Express</i> , 2011 , 19, 12885-90	3.3	83

104	Specific Cu(2+)-induced J-aggregation and Hg(2+)-induced fluorescence enhancement based on BODIPY. <i>Chemical Communications</i> , 2010 , 46, 3565-7	5.8	83
103	Experimentation and theoretic calculation of a BODIPY sensor based on photoinduced electron transfer for ions detection. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 14081-6	2.8	81
102	Ribosomal protein L11 associates with c-Myc at 5 S rRNA and tRNA genes and regulates their expression.. <i>Journal of Biological Chemistry</i> , 2010 , 285, 39574	5.4	78
101	A BODIPY-based 'turn-on' fluorescent probe for hypoxic cell imaging. <i>Chemical Communications</i> , 2015 , 51, 13389-92	5.8	77
100	Observation of pulse trapping in a near-zero dispersion regime. <i>Optics Letters</i> , 2012 , 37, 2619-21	3	76
99	Synthesis and spectroscopic properties of bodipy dimers with effective solid-state emission. <i>RSC Advances</i> , 2012 , 2, 8840	3.7	74
98	The therapeutic efficacy of camptothecin-encapsulated supramolecular nanoparticles. <i>Biomaterials</i> , 2012 , 33, 1162-1169	15.6	72
97	Optically active BODIPYs. <i>Coordination Chemistry Reviews</i> , 2016 , 318, 1-15	23.2	72
96	AMP-activated protein kinase induces p53 by phosphorylating MDMX and inhibiting its activity. <i>Molecular and Cellular Biology</i> , 2014 , 34, 148-57	4.8	69
95	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. <i>Chemical Communications</i> , 2014 , 50, 1074-6	5.8	67
94	Generation and amplification of high-energy nanosecond pulses in a compact all-fiber laser. <i>Optics Express</i> , 2010 , 18, 23024-9	3.3	67
93	A selective colorimetric and fluorometric ammonium ion sensor based on the H-aggregation of an aza-BODIPY with fused pyrazine rings. <i>Chemical Communications</i> , 2011 , 47, 12092-4	5.8	66
92	The synthesis and properties of free-base [14]triphyrin(2.1.1) compounds and the formation of subporphyrinoid metal complexes. <i>Chemistry - A European Journal</i> , 2011 , 17, 4396-407	4.8	61
91	A specific chemodosimeter for fluoride ion based on a pyrene derivative with trimethylsilylethynyl groups. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4558-62	3.9	58
90	Asymmetric core-expanded aza-BODIPY analogues: facile synthesis and optical properties. <i>Chemical Communications</i> , 2015 , 51, 1713-6	5.8	54
89	New 2,6-distyryl-substituted BODIPY isomers: synthesis, photophysical properties, and theoretical calculations. <i>Chemistry - A European Journal</i> , 2014 , 20, 1091-102	4.8	54
88	Population-based geographic access to endocrinologists in the United States, 2012. <i>BMC Health Services Research</i> , 2015 , 15, 541	2.9	51
87	Dual-wavelength step-like pulses in an ultra-large negative-dispersion fiber laser. <i>Optics Express</i> , 2011 , 19, 3996-4001	3.3	48

86	Aberrantly activated Gli2-KIF20A axis is crucial for growth of hepatocellular carcinoma and predicts poor prognosis. <i>Oncotarget</i> , 2016 , 7, 26206-19	3.3	48
85	A BODIPY fluorescent probe with selective response for hypochlorous acid and its application in cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 1-6	8.5	45
84	Numerical investigation of an all-optical switch in a graded nonlinear plasmonic grating. <i>Nanotechnology</i> , 2012 , 23, 444009	3.4	44
83	MDM2 mediates ubiquitination and degradation of activating transcription factor 3. <i>Journal of Biological Chemistry</i> , 2010 , 285, 26908-26915	5.4	40
82	Nerve growth factor receptor negates the tumor suppressor p53 as a feedback regulator. <i>ELife</i> , 2016 , 5,	8.9	40
81	Facile Hg ²⁺ detection in water using fluorescent self-assembled monolayers of a rhodamine-based turn-on chemodosimeter formed via a click reaction. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10878		39
80	A new aza-BODIPY based NIR region colorimetric and fluorescent chemodosimeter for fluoride. <i>RSC Advances</i> , 2014 , 4, 53864-53869	3.7	37
79	Asymmetric boron-complexes containing keto-isoindolyl and pyridyl groups: solvatochromic fluorescence, efficient solid-state emission and DFT calculations. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 12281-12289	7.1	34
78	Lysosome-targeting turn-on red/NIR BODIPY probes for imaging hypoxic cells. <i>Chemical Communications</i> , 2019 , 55, 11567-11570	5.8	33
77	Disilanylene-bridged BODIPY-based D-πA architectures: a novel promising series of NLO chromophores. <i>Chemical Communications</i> , 2018 , 54, 8834-8837	5.8	33
76	Expression of monocyte chemoattractant protein-1 in the cerebral artery after experimental subarachnoid hemorrhage. <i>Brain Research</i> , 2009 , 1262, 73-80	3.7	33
75	2,3,4,5-Tetraphenylsilole-based conjugated polymers: synthesis, optical properties, and as sensors for explosive compounds. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1583-93	4.5	32
74	Differential Roles of Two Homologous Cyclin-Dependent Kinase Inhibitor Genes in Regulating Cell Cycle and Innate Immunity in Arabidopsis. <i>Plant Physiology</i> , 2016 , 170, 515-27	6.6	31
73	SPIN1 promotes tumorigenesis by blocking the uL18 (universal large ribosomal subunit protein 18)-MDM2-p53 pathway in human cancer. <i>ELife</i> , 2018 , 7,	8.9	31
72	PAK1IP1, a ribosomal stress-induced nucleolar protein, regulates cell proliferation via the p53-MDM2 loop. <i>Nucleic Acids Research</i> , 2011 , 39, 2234-48	20.1	31
71	Chiral binaphthyl-linked BODIPY analogues: synthesis and spectroscopic properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4668-4674	7.1	31
70	Synthesis and fluorescence properties of isoindoline-benzazole-based boron difluoride complexes. <i>New Journal of Chemistry</i> , 2014 , 38, 1277	3.6	30
69	N-acetylcysteine suppresses oxidative stress in experimental rats with subarachnoid hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2009 , 16, 684-8	2.2	30

68	Gain-assisted trapping of light in tapered plasmonic waveguide. <i>Optics Letters</i> , 2013 , 38, 558-60	3	27
67	Transcriptome and biochemical analysis reveals that suppression of GPI-anchor synthesis leads to autophagy and possible necroptosis in <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2013 , 8, e59013	3.7	27
66	Inhibition of hemolysate-induced iNOS and COX-2 expression by genistein through suppression of NF- κ B activation in primary astrocytes. <i>Journal of the Neurological Sciences</i> , 2009 , 278, 91-5	3.2	27
65	Bilateral versus unilateral antegrade cerebral perfusion in total arch replacement for type A aortic dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 767-775	1.5	26
64	Taurine protects against lung damage following limb ischemia reperfusion in the rat by attenuating endoplasmic reticulum stress-induced apoptosis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010 , 81, 263-7	4.3	24
63	Physical and functional interaction between ribosomal protein L11 and the tumor suppressor ARF. <i>Journal of Biological Chemistry</i> , 2012 , 287, 17120-17129	5.4	24
62	A tribute to Michael R. Raupach for contributions to aeolian fluid dynamics. <i>Aeolian Research</i> , 2015 , 19, 37-54	3.9	23
61	Pleckstrin homology domain-containing protein PHLDB3 supports cancer growth via a negative feedback loop involving p53. <i>Nature Communications</i> , 2016 , 7, 13755	17.4	23
60	Arl13b Promotes Gastric Tumorigenesis by Regulating Smo Trafficking and Activation of the Hedgehog Signaling Pathway. <i>Cancer Research</i> , 2017 , 77, 4000-4013	10.1	21
59	Activation of PERK-Nrf2 oncogenic signaling promotes Mdm2-mediated Rb degradation in persistently infected HCV culture. <i>Scientific Reports</i> , 2017 , 7, 9223	4.9	21
58	Superoxide dismutase mimetic drug tempol aggravates anti-GBM antibody-induced glomerulonephritis in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F445-52	4.3	21
57	Chronic myeloid leukemia patients sensitive and resistant to imatinib treatment show different metabolic responses. <i>PLoS ONE</i> , 2010 , 5, e13186	3.7	21
56	Thieno[3,2-b]thiophene fused BODIPYs: synthesis, near-infrared luminescence and photosensitive properties. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3617-3622	3.9	20
55	Dynamics of defense responses and cell fate change during <i>Arabidopsis-Pseudomonas syringae</i> interactions. <i>PLoS ONE</i> , 2013 , 8, e83219	3.7	19
54	Ubiquitin- and MDM2 E3 ligase-independent proteasomal turnover of nucleostemin in response to GTP depletion. <i>Journal of Biological Chemistry</i> , 2012 , 287, 10013-10020	5.4	19
53	Silyl- and Disilyl-BODIPYs: Synthesis via Catalytic Dehalosilylation and Spectroscopic Properties. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 561-567	4.5	16
52	Synthesis and spectroscopic properties of novel meso-cyano boron-pyridyl-isoindoline dyes. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8223-9	3.9	16
51	B/N-Doped -Arylenevinylene Chromophores: Synthesis, Properties, and Microcrystal Electron Crystallographic Study. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18990-18996	16.4	16

50	Synthesis and properties of azulene-functionalized BODIPYs. <i>RSC Advances</i> , 2016 , 6, 32124-32129	3.7	15
49	Triphenylamine modified bis-diketopyrrolopyrrole molecular donor materials with extended conjugation for bulk heterojunction solar cells. <i>Organic Electronics</i> , 2014 , 15, 2575-2586	3.5	15
48	Synthesis, characterization and solid-state emission properties of arylsilyl-substituted pyrene derivatives. <i>Dyes and Pigments</i> , 2013 , 99, 771-778	4.6	15
47	Coexistence of unequal pulses in a normal dispersion fiber laser. <i>Optics Express</i> , 2011 , 19, 16303-8	3.3	15
46	Non-symmetric thieno[3,2-b]thiophene-fused BODIPYs: synthesis, spectroscopic properties and providing a functional strategy for NIR probes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3961-3968	5.2	15
45	Comparative metabolomic study of <i>Penicillium chrysogenum</i> during pilot and industrial penicillin fermentations. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 168, 1223-38	3.2	14
44	Identification of the S-layer glycoproteins and their covalently linked glycans in the halophilic archaeon <i>Haloarcula hispanica</i> . <i>Glycobiology</i> , 2015 , 25, 1150-62	5.8	13
43	Kexin-like endoprotease KexB is required for N-glycan processing, morphogenesis and virulence in <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2015 , 76, 57-69	3.9	13
42	Lipid nanoparticles loaded with 7-ethyl-10-hydroxycamptothecin-phospholipid complex: in vitro and in vivo studies. <i>Drug Delivery</i> , 2015 , 22, 701-9	7	13
41	An Acidic Exopolysaccharide from ATCC33960 and Two Genes Responsible for Its Synthesis. <i>Archaea</i> , 2017 , 2017, 5842958	2	13
40	Bipolar Arylsilane: Synthesis, Photoelectronic Properties, and High-Performance Deep Blue Organic Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 422-429	4	13
39	Systemic delivery of alpha-asarone with Kolliphor HS 15 improves its safety and therapeutic effect on asthma. <i>Drug Delivery</i> , 2015 , 22, 266-75	7	12
38	Asymmetrical aza-boron-dipyridomethene derivatives with large Stokes shifts: synthesis and spectroscopic properties. <i>Tetrahedron Letters</i> , 2014 , 55, 3792-3796	2	12
37	Twisted donor-acceptor molecules for efficient deep blue electroluminescence with CIE _y ~ 0.06. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9401-9409	7.1	12
36	Emission of boron dipyrromethene dyes through energy transfer to their S ₂ state from polysilane S ₁ state. <i>Dyes and Pigments</i> , 2012 , 94, 183-186	4.6	11
35	Genistein, a soybean isoflavone, reduces the production of pro-inflammatory and adhesion molecules induced by hemolysate in brain microvascular endothelial cells. <i>Acta Neurologica Belgica</i> , 2009 , 109, 32-7	1.5	11
34	N-Bridged Annulated BODIPYs: Synthesis of Highly Fluorescent Blueshifted Dyes. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2216-2220	4.5	10
33	Synthesis and spectroscopic properties of novel N-N linked bis-(diphenylboron) complexes. <i>New Journal of Chemistry</i> , 2016 , 40, 5752-5757	3.6	9

32	Mdm2 mediates FMRP- and Gp1 mGluR-dependent protein translation and neural network activity. <i>Human Molecular Genetics</i> , 2017 , 26, 3895-3908	5.6	9
31	Fine Tuning of the Electronic Properties of Novel BTPE Using Oligosilanyl Linkages and Their Application in Rapid High-Resolution Visualization of Latent Fingerprints. <i>CCS Chemistry</i> , 2020 , 2, 329-336	7.2	9
30	Aza boron-pyridyl-isoindoline isomers: synthesis and photophysical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 679-685	1.8	8
29	Solar wind dynamic pressure effect on planetary wave propagation and synoptic-scale Rossby wave breaking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 4476-4493	4.4	8
28	Hemolysate-induced expression of intercellular adhesion molecule-1 and monocyte chemoattractant protein-1 expression in cultured brain microvascular endothelial cells via through ROS-dependent NF-kappaB pathways. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 87-95	4.6	8
27	GFZF, a Glutathione -Transferase Protein Implicated in Cell Cycle Regulation and Hybrid Inviability, Is a Transcriptional Coactivator. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	8
26	Experimental investigation of square dissipative soliton generation and propagation. <i>Applied Optics</i> , 2010 , 49, 4751-5	0.2	7
25	Bis(trimethylsilyl)phenyl-bridged D-A molecules: Synthesis, spectroscopic properties and for achieving deep-blue emitting materials. <i>Dyes and Pigments</i> , 2020 , 174, 108063	4.6	7
24	Bipolar Molecules with Hybridized Local and Charge-Transfer State for Highly Efficient Deep-Blue Organic Light-Emitting Diodes with EQE of 7.4% and CIEy ₂ 0.05. <i>Advanced Optical Materials</i> , 2021 , 9, 2100965	8.1	6
23	High Steric-Hindrance Windmill-Type Molecules for Efficient Ultraviolet to Pure-Blue Organic Light-Emitting Diodes via Hybridized Local and Charge-Transfer Excited-State. <i>Advanced Functional Materials</i> , 2112969	15.6	6
22	Comprehensive Profiling of Proteome Changes Provide Insights of Industrial Penicillium chrysogenum During Pilot and Industrial Penicillin G Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 179, 788-804	3.2	5
21	NIR halogenated thieno[3, 2-b]thiophene fused BODIPYs with photodynamic therapy properties in HeLa cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 246, 119027	4.4	5
20	Chiral diamine catalyzed induction of helical chirality in polysilanes. <i>Journal of Organometallic Chemistry</i> , 2014 , 772-773, 143-146	2.3	4
19	Direct C-H amination of BODIPY core: Synthesis and spectroscopic properties. <i>Dyes and Pigments</i> , 2020 , 177, 108275	4.6	3
18	Assessing nursing quality in paediatric intensive care units: a cross-sectional study in China. <i>Nursing in Critical Care</i> , 2017 , 22, 355-361	2.7	2
17	Dithienosilole extended BODIPYs: Synthesis and spectroscopic properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 664-670	1.8	2
16	A Chiral Hemiporphyrzine Derivative: Synthesis and Chiroptical Properties. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2113-6	4.5	2
15	Comparative lipidomic analysis of Cephalosporium acremonium insights into industrial and pilot fermentations. <i>Biotechnology and Bioprocess Engineering</i> , 2012 , 17, 259-269	3.1	2

14	Si-Bridged annulated BODIPYs: synthesis, unique structure and photophysical properties. <i>Chemical Communications</i> , 2021 , 57, 11689-11692	5.8	2
13	A General Strategy for the Construction of NIR-emitting Si-rhodamines and Their Application for Mitochondrial Temperature Visualization. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2724-2730	4.5	2
12	Nonsymmetric Benzo-fused and Thiophene/Thieno[3,2-]thiophene-fused BODIPYs: Synthesis and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2021 , 86, 601-608	4.2	2
11	Aza boron-pyridyl-isoindoline analogues: synthesis and photophysical properties. <i>New Journal of Chemistry</i> , 2017 , 41, 5802-5807	3.6	1
10	Color difference caused by chirality. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 13-16	3.1	1
9	A simple route toward triplet-forming thionated BODIPY-based photosensitizers. <i>Dyes and Pigments</i> , 2022 , 200, 110167	4.6	1
8	Oligosilanyl-Bridged Biscarbazoles: Structure, Synthesis, and Spectroscopic Properties. <i>ACS Omega</i> , 2020 , 5, 19181-19186	3.9	1
7	Disilane-bridged architectures with high optical transparency for optical limiting. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 6470-6476	7.1	1
6	Robust tetrakisarylsilyl substituted spirobifluorene: Synthesis and application as universal host for blue to red electrophosphorescence. <i>Dyes and Pigments</i> , 2021 , 194, 109550	4.6	1
5	Observation of intermediates by online mass spectrometry to demonstrate the multiple mechanisms of dye-sensitized photocatalysis. <i>Chemical Communications</i> , 2021 , 57, 3921-3924	5.8	1
4	Rationalizing the effect of benzo-fusion at [a] and [b] positions of BODIPY on fluorescence yields. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 17402-17407	3.6	1
3	NBN unit functionalized pyrene derivatives with different photophysical and anti-counterfeiting properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 412, 113206	4.7	0
2	Inside Cover: The Synthesis and Properties of Free-Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes (Chem. Eur. J. 16/2011). <i>Chemistry - A European Journal</i> , 2011 , 17, 4334-4334	4.8	
1	Impact of the boron substituent on the molecular structures and electronic properties of N-heterocycle-substituted indolylboranes. <i>Dyes and Pigments</i> , 2021 , 196, 109807	4.6	