

Fen-Tair Luo

List of Publications by Citations

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31
papers

851
citations

17
h-index

29
g-index

32
ext. papers

953
ext. citations

4.6
avg, IF

3.72
L-index

#	Paper	IF	Citations
31	pH-activatable near-infrared fluorescent probes for detection of lysosomal pH inside living cells. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4500-4508	7.3	93
30	Near-infrared fluorescent probes based on piperazine-functionalized BODIPY dyes for sensitive detection of lysosomal pH. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2173-2184	7.3	82
29	Unusual Fluorescent Responses of Morpholine-functionalized Fluorescent Probes to pH via Manipulation of BODIPY'S HOMO and LUMO Energy Orbitals for Intracellular pH Detection. <i>ACS Sensors</i> , 2016 , 1, 158-165	9.2	70
28	A novel near-infrared fluorescent probe for sensitive detection of β -galactosidase in living cells. <i>Analytica Chimica Acta</i> , 2017 , 968, 97-104	6.6	60
27	BODIPY-based ratiometric fluorescent probes for the sensitive and selective sensing of cyanide ions. <i>RSC Advances</i> , 2013 , 3, 68-72	3.7	57
26	BODIPY-Based Fluorescent Probes for Sensing Protein Surface-Hydrophobicity. <i>Scientific Reports</i> , 2015 , 5, 18337	4.9	56
25	Ratiometric Near-Infrared Fluorescent Probes Based On Through-Bond Energy Transfer and π -Conjugation Modulation between Tetraphenylethene and Hemicyanine Moieties for Sensitive Detection of pH Changes in Live Cells. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1406-1418	6.3	49
24	Near-Infrared Fluorescent Probes with Large Stokes Shifts for Sensing Zn(II) Ions in Living Cells. <i>ACS Sensors</i> , 2016 , 1, 1408-1415	9.2	46
23	Controlled Knoevenagel reactions of methyl groups of 1,3,5,7-tetramethyl BODIPY dyes for unique BODIPY dyes. <i>RSC Advances</i> , 2012 , 2, 404-407	3.7	46
22	Fluorescent Probes for Sensitive and Selective Detection of pH Changes in Live Cells in Visible and Near-infrared Channels. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 9579-9590	7.3	41
21	Luminescent Probes for Sensitive Detection of pH Changes in Live Cells through Two Near-Infrared Luminescence Channels. <i>ACS Sensors</i> , 2017 , 2, 924-931	9.2	36
20	Highly water-soluble neutral near-infrared emissive BODIPY polymeric dyes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2781-2790		34
19	Fluorescent Probes Based on π -Conjugation Modulation between Hemicyanine and Coumarin Moieties for Ratiometric Detection of pH Changes in Live Cells with Visible and Near-infrared Channels. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 699-708	8.5	29
18	New Near-infrared Fluorescent Probes with Single-photon Anti-Stokes-shift Fluorescence for Sensitive Determination of pH Variances in Lysosomes with a Double-Checked Capability. <i>ACS Applied Bio Materials</i> , 2018 , 1, 549-560	4.1	23
17	Efficient electroluminescent material for light-emitting diodes from 1,4-distyrylbenzene derivatives. <i>Journal of Materials Chemistry</i> , 2002 , 12, 47-52		22
16	Near-Infrared Fluorescent Probe for Sensitive Detection of Pb(II) Ions in Living Cells. <i>Inorganica Chimica Acta</i> , 2017 , 468, 140-145	2.7	19
15	Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013 , 3, 4793	3.7	18

14	Palladium-Catalyzed Tandem Cyclization and Dimerization of (Z)-3-Iodo-3-alken-1-ones. <i>Journal of Organic Chemistry</i> , 1999 , 64, 1738-1740	4.2	15
13	Transformation of Amides into Esters by the Use of Chlorotrimethylsilane. <i>Journal of the Chinese Chemical Society</i> , 2004 , 51, 359-362	1.5	11
12	Palladium-Catalyzed Cross Coupling Reactions of beta-Iodo beta,gamma-Enones with Organozinc Chlorides. <i>Journal of Organic Chemistry</i> , 1996 , 61, 9060-9061	4.2	11
11	Synthesis of PS-supported NHC-Pd Catalyst Derived from Theobromine and its Applications in Suzuki-Miyaura Reaction. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 394-398	1.5	8
10	Mechanistic Study of the Transformation from 3-Decyn-2-one to (Z)-4-Iodo-4-decen-2-one <i>Journal of Organic Chemistry</i> , 1998 , 63, 5656-5657	4.2	7
9	Synthesis of β -Disubstituted Enones from Ynones. An Alternative Route to 1,4-Addition of Cuprate to the Ynone System. <i>Journal of the Chinese Chemical Society</i> , 1994 , 41, 605-607	1.5	7
8	Efficient Synthesis of Alkyl End-Capped Oligoheterocycles via the Use of Palladacycle Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2000 , 47, 257-261	1.5	5
7	Stereoselective Hydroiodination of 3-Substituted Derivatives of Propynoic Acid. <i>Journal of the Chinese Chemical Society</i> , 1994 , 41, 871-873	1.5	4
6	Preparation of Poly(p-Phenylene), Poly(m-Phenylene), and Poly(2,5-Thienylene) Via Electron Transfer from Aryl Grignard Reagents to 2,3-Dichloropropene. <i>Journal of the Chinese Chemical Society</i> , 1988 , 35, 425-428	1.5	2
5	Palladium-Catalyzed Cross-Coupling Involving β -Hetero-Substituted Organometals: Other β -Hetero-Substituted Organometals in Palladium-Catalyzed Cross-Coupling 673-691		0
4	Studies on Hydroiodination and Deconjugation of 5-Aryloxy-(thiophenyl) β -pentyn-2-one. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 895-898	4.9	
3	Sonogashira Coupling Reactions 2005 , 113-125		
2	The Synthesis and the X-Ray Structure of 1,4-Bis(2-{4-[2-(4-methylthiophenyl)ethynyl]phenyl}ethynyl)-2,5-dihexyloxybenzene. <i>Journal of the Chinese Chemical Society</i> , 2004 , 51, 1411-1416	1.5	
1	Preparation of Cyanoalkynes: 3-Phenyl-2-Propynenitrile 146-146		