

Fen-Tair Luo

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.

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 | Fluorescent Probes Based on EConjugation 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 |
| 30 | Ratiometric Near-Infrared Fluorescent Probes Based On Through-Bond Energy Transfer and EConjugation 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 |
| 29 | 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 |
| 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 | 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 |
| 26 | 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 |
| 25 | 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 |
| 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 | 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 |
| 22 | 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 |
| 21 | BODIPY-Based Fluorescent Probes for Sensing Protein Surface-Hydrophobicity. <i>Scientific Reports</i> , 2015 , 5, 18337 | 4.9 | 56 |
| 20 | 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 |
| 19 | Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013 , 3, 4793 | 3.7 | 18 |
| 18 | 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 |
| 17 | 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 |
| 16 | Highly water-soluble neutral near-infrared emissive BODIPY polymeric dyes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2781-2790 | | 34 |
| 15 | 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 |

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|----|--|-----|----|
| 14 | 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 | |
| 13 | Sonogashira Coupling Reactions 2005 , 113-125 | | |
| 12 | 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 |
| 11 | 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 | |
| 10 | Efficient electroluminescent material for light-emitting diodes from 1,4-distyrylbenzene derivatives. <i>Journal of Materials Chemistry</i> , 2002 , 12, 47-52 | | 22 |
| 9 | 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 |
| 8 | 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 |
| 7 | Mechanistic Study of the Transformation from 3-Decyn-2-one to (Z)-4-Iodo-4-decen-2-one \square <i>Journal of Organic Chemistry</i> , 1998 , 63, 5656-5657 | 4.2 | 7 |
| 6 | 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 |
| 5 | Stereoselective Hydroiodination of 3-Substituted Derivatives of Propynoic Acid. <i>Journal of the Chinese Chemical Society</i> , 1994 , 41, 871-873 | 1.5 | 4 |
| 4 | 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 |
| 3 | 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 |
| 2 | Palladium-Catalyzed Cross-Coupling Involving β -Hetero-Substituted Organometals: Other β -Hetero-Substituted Organometals in Palladium-Catalyzed Cross-Coupling 673-691 | | 0 |
| 1 | Preparation of Cyanoalkynes: 3-Phenyl-2-Propynenitrile 146-146 | | |