# Lei Guo

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 20 papers | 536 citations | 932766 10 h-index | 752256 20 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 936 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highly Selective Two-Photon Fluorescent Probe for Ratiometric Sensing and Imaging Cysteine in Mitochondria. Analytical Chemistry, 2016, 88, 1908-1914. | 3.2 | 184 |
| 2 | Multiphoton Excited Fluorescent Materials for Frequency Upconversion Emission and Fluorescent Probes. Advanced Materials, 2014, 26, 5400-5428. | 11.1 | 80 |
| 3 | Indole-based Cyanine as a Nuclear RNA-Selective Two-Photon Fluorescent Probe for Live Cell Imaging. ACS Chemical Biology, 2015, 10, 1171-1175. | 1.6 | 70 |
| 4 | Dye-sensitized solar cells based on organic dyes with naphtho[2,1-b:3,4-bâ€²]dithiophene as the conjugated linker. Journal of Materials Chemistry A, 2013, 1, 13328-13336. | 5.2 | 26 |
| 5 | Validation of Phosphodiesterase-10 as a Novel Target for Pulmonary Arterial Hypertension via Highly Selective and Subnanomolar Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 3707-3721. | 2.9 | 26 |
| 6 | Star-shaped ladder-type ter(p-phenylene)s for efficient multiphoton absorption. Chemical Communications, 2013, 49, 3597. | 2.2 | 21 |
| 7 | Optimization of Chromeno[2,3-c]pyrrol-9(2H)-ones as Highly Potent, Selective, and Orally Bioavailable PDE5 Inhibitors: Structureâ€“Activity Relationship, X-ray Crystal Structure, and Pharmacodynamic Effect on Pulmonary Arterial Hypertension. Journal of Medicinal Chemistry, 2018, 61, 8468-8473. | 2.9 | 21 |
| 8 | Discovery of highly selective and orally available benzimidazole-based phosphodiesterase 10 inhibitors with improved solubility and pharmacokinetic properties for treatment of pulmonary arterial hypertension. Acta Pharmaceutica Sinica B, 2020, 10, 2339-2347. | 5.7 | 17 |
| 9 | Highly Efficient Multiphotonâ€Pumped Frequencyâ€Upconversion Stimulated Blue Emission with Ultralow Threshold from Highly Extended Ladderâ€Type Oligo(pâ€phenylene)s. Angewandte Chemie - International Edition, 2016, 55, 10639-10644. | 7.2 | 15 |
| 10 | Naphthodithieno[3,2-b]thiophene-based semiconductors: synthesis, characterization, and device performance of field-effect transistors. Organic Chemistry Frontiers, 2014, 1, 333-337. | 2.3 | 12 |
| 11 | Î³-Glutamyl transpeptidaseâ€“activated indole-quinolinium based cyanine as a fluorescence turn-on nucleolus-targeting probe for cancer cell detection and inhibition. Talanta, 2022, 237, 122898. | 2.9 | 11 |
| 12 | Differentiation of Intracellular Hyaluronidase Isoform by Degradable Nanoassembly Coupled with RNA-Binding Fluorescence Amplification. Analytical Chemistry, 2019, 91, 6887-6893. | 3.2 | 9 |
| 13 | Rational Design of 2-Chloroadenine Derivatives as Highly Selective Phosphodiesterase 8A Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 15852-15863. | 2.9 | 9 |
| 14 | Synthesis and Characterization of Oxadisiloleâ€Fused 1Hâ€Benzo[f]indazoles and 1Hâ€Naphtho[2,3â€f]indazoles. European Journal of Organic Chemistry, 2013, 2013, 3005-3012. | 1.2 | 8 |
| 15 | Naphtho[2,1-b:3,4-bâ€²]bisthieno[3,2-b][1]benzothiophene-based semiconductors for organic field-effect transistors. Journal of Materials Chemistry C, 2015, 3, 8024-8029. | 2.7 | 8 |
| 16 | Discovery and Optimization of Chromone Derivatives as Novel Selective Phosphodiesterase 10 Inhibitors. ACS Chemical Neuroscience, 2020, 11, 1058-1071. | 1.7 | 7 |
| 17 | Highly Efficient Multiphotonâ€Pumped Frequencyâ€Upconversion Stimulated Blue Emission with Ultralow Threshold from Highly Extended Ladderâ€Type Oligo(pâ€phenylene)s. Angewandte Chemie, 2016, 128, 10797-10802. | 1.6 | 6 |
| 18 | Efficient Semisynthesis of (â^')-Pseudoirroratin A from (â^')-Flexicaulin A and Assessment of Their Antitumor Activities. ACS Medicinal Chemistry Letters, 2017, 8, 372-376. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Discovery of Highly Specific Catalytic-Site-Targeting Fluorescent Probes for Detecting Lysosomal PDE10A in Living Cells. ACS Chemical Biology, 2021, 16, 857-863. | 1.6 | 1 |
| 20 | Discovery of catalytic-site-fluorescent probes for tracing phosphodiesterase 5 in living cells. RSC Advances, 2021, 11, 31967-31971. | 1.7 | 1 |