

Tetsuya Nakagawa

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,817
citations

257101

24
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377514

34
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docs citations

38
times ranked

3470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fluorescent Hydrogel Based on Self-assembling Acridonylalanine-phenylalanine. <i>Chemistry Letters</i> , 2022, 51, 687-689. | 0.7 | 0 |
| 2 | On-Demand Chirality Transfer of Human Serum Albumin to Bis(thiophen-2-yl)hexafluorocyclopentenes through Their Photochromic Ring Closure. <i>Journal of Organic Chemistry</i> , 2021, 86, 12549-12558. | 1.7 | 8 |
| 3 | A thermoresponsive fluorophore based on a photochromic diarylethene having donor-acceptor moieties. <i>Chemical Communications</i> , 2020, 56, 6492-6494. | 2.2 | 10 |
| 4 | Photochromism of a spiro-functionalized diarylethene derivative: multi-colour fluorescence modulation with a photon-quantitative photocyclization reactivity. <i>Chemical Communications</i> , 2018, 54, 3207-3210. | 2.2 | 22 |
| 5 | Chirality and stereoselectivity in photochromic reactions. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2018, 34, 152-191. | 5.6 | 28 |
| 6 | All-Optical Fine-Tuning of Absorption Band of Diarylethene with Photochromic Acid-Generating Spiropyran. <i>Advanced Optical Materials</i> , 2016, 4, 1350-1353. | 3.6 | 16 |
| 7 | Gated Photochromic System of Diarylethene with a Photon-Working Key. <i>Organic Letters</i> , 2016, 18, 5042-5045. | 2.4 | 31 |
| 8 | Photochromism: All-Optical Fine-Tuning of Absorption Band of Diarylethene with Photochromic Acid-Generating Spiropyran (<i>Advanced Optical Materials</i> 9/2016). <i>Advanced Optical Materials</i> , 2016, 4, 1314-1314. | 3.6 | 0 |
| 9 | A photon-working on/off switch for intramolecular donor-acceptor interactions and invisible modulation of the fluorescence. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 325-328. | 1.6 | 6 |
| 10 | Organic Light-Emitting Diodes (OLEDs): Materials, Photophysics, and Device Physics. , 2015, , 43-73. | | 5 |
| 11 | High-efficiency deep-blue organic light-emitting diodes based on a thermally activated delayed fluorescence emitter. <i>Journal of Materials Chemistry C</i> , 2014, 2, 421-424. | 2.7 | 259 |
| 12 | Thermally Activated Delayed Fluorescence from a Spiro-diazafluorene Derivative. <i>Chemistry Letters</i> , 2014, 43, 1017-1019. | 0.7 | 62 |
| 13 | Enhanced electroluminescence based on thermally activated delayed fluorescence from a carbazole-triazine derivative. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 15850. | 1.3 | 115 |
| 14 | Computational Prediction for Singlet- and Triplet-Transition Energies of Charge-Transfer Compounds. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 3872-3877. | 2.3 | 312 |
| 15 | Systematic Conversion of Single Walled Carbon Nanotubes into n-type Thermoelectric Materials by Molecular Dopants. <i>Scientific Reports</i> , 2013, 3, 3344. | 1.6 | 320 |
| 16 | A highly luminescent spiro-anthracenone-based organic light-emitting diode exhibiting thermally activated delayed fluorescence. <i>Chemical Communications</i> , 2013, 49, 10385-10387. | 2.2 | 198 |
| 17 | Photo-patternable electroluminescence based on one-way photoisomerization reaction of tetraoxidized triangle terarylenes. <i>Chemical Communications</i> , 2013, 49, 6373. | 2.2 | 20 |
| 18 | Highly Efficient Organic Light-Emitting Diode Based on a Hidden Thermally Activated Delayed Fluorescence Channel in a Heptazine Derivative. <i>Advanced Materials</i> , 2013, 25, 3319-3323. | 11.1 | 436 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Enhanced Electroluminescence Efficiency in a Spiroacridine Derivative through Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11311-11315. | 7.2 | 495 |
| 20 | Eu(III) emission band changes caused by peripheral H/O hydrogen bonding. <i>Dalton Transactions</i> , 2012, 41, 6634. | 1.6 | 25 |
| 21 | A dicarbazole-triazine hybrid bipolar host material for highly efficient green phosphorescent OLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 3832. | 6.7 | 116 |
| 22 | Electroluminescence based on thermally activated delayed fluorescence generated by a spirofluorene donor-acceptor structure. <i>Chemical Communications</i> , 2012, 48, 9580. | 2.2 | 409 |
| 23 | Photochromic and fluorescence switching properties of oxidized triangle terarylenes in solution and in amorphous solid states. <i>Journal of Materials Chemistry</i> , 2011, 21, 17425. | 6.7 | 60 |
| 24 | Enhanced Near-Infrared Luminescence of Yb(III) Complexes with Phosphine Oxide and Hexafluoroacetylacetonate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 148-154. | 2.0 | 41 |
| 25 | Brilliant Triboluminescence of a Lanthanide Coordination Polymer with Low-Vibrational-Frequency and Non-Centrosymmetric Structural Networks. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4978-4984. | 1.0 | 54 |
| 26 | Remarkable Luminescence Properties of Lanthanide Complexes with Asymmetric Dodecahedron Structures. <i>Chemistry - A European Journal</i> , 2011, 17, 521-528. | 1.7 | 137 |
| 27 | Substrate induced catalysis: Deciphering the weak acid triggered bleaching of an angular terthiazole photochromic dye. <i>Dyes and Pigments</i> , 2011, 89, 271-277. | 2.0 | 5 |
| 28 | Syntheses and photochromic properties of diaryl acenaphthylene derivatives. <i>Dyes and Pigments</i> , 2011, 89, 297-304. | 2.0 | 19 |
| 29 | Recent progress of luminescent metal complexes with photochromic units. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2643-2651. | 9.5 | 185 |
| 30 | Metal-Ion Sensing Europium(III) Complexes with Bidentate Phosphine Oxide Ligands Containing a 2,2'-Bipyridine Framework. <i>Helvetica Chimica Acta</i> , 2009, 92, 2238-2248. | 1.0 | 19 |
| 31 | Characteristic Structures and Photophysical Properties of Nine-Coordinate Europium(III) Complexes with Tandem-Connected Tridentate Phosphane Oxide Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4777-4785. | 1.0 | 55 |
| 32 | Nondestructive luminescence intensity readout of a photochromic lanthanide(III) complex. <i>Chemical Communications</i> , 2009, , 5630. | 2.2 | 67 |
| 33 | Weak acid triggers the ring opening of an otherwise long-lived triangle terthiazole closed isomer. <i>New Journal of Chemistry</i> , 2009, 33, 1386. | 1.4 | 10 |
| 34 | Photoresponsive Europium(III) Complex Based on Photochromic Reaction. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5096-5103. | 1.1 | 66 |
| 35 | Reversible Luminescence Modulation in Photochromic Europium(III) Complex Having Triangle Terthiazole Ligands. <i>Chemistry Letters</i> , 2007, 36, 372-373. | 0.7 | 53 |
| 36 | Photochromism of Thiazole-Containing Triangle Terarylenes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3212-3218. | 1.2 | 89 |