

Yuichi Hirai

List of Publications by Year in descending order

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25
papers

459
citations

759233

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27
all docs

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docs citations

27
times ranked

517
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mechanofluorochromism of pyrenyl acrylates with different substitutional position and steric hindrance. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112972. | 3.9 | 3 |
| 2 | Multi-Directional Mechanofluorochromism of Acetyl Pyrenes and Pyrenyl Ynones. <i>ChemPhysChem</i> , 2021, 22, 1638-1644. | 2.1 | 6 |
| 3 | Mechanofluorochromism of pyrene-derived amidophosphonates. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 229-234. | 2.9 | 13 |
| 4 | Lifetimes of Lanthanide(III) Triboluminescence Excited by Aerodynamic Shock Waves. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27251-27256. | 3.1 | 10 |
| 5 | Thermal and Crystallographic Investigation of Luminescent Eu(III) Coordination Polymers with Dithiane and Dioxane Hexyl Rings. <i>Chemistry Letters</i> , 2019, 48, 1544-1546. | 1.3 | 2 |
| 6 | Visualization of icing of supercooled water using Tb(III)-based temperature-sensitive paint. <i>Sensors and Actuators A: Physical</i> , 2019, 285, 599-602. | 4.1 | 6 |
| 7 | Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses. <i>Springer Theses</i> , 2018, , 69-80. | 0.1 | 0 |
| 8 | Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 545-545. | 2.0 | 0 |
| 9 | Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 561-567. | 2.0 | 10 |
| 10 | Structural Manipulation of Triboluminescent Lanthanide Coordination Polymers by Side-Group Alteration. <i>Inorganic Chemistry</i> , 2018, 57, 14653-14659. | 4.0 | 22 |
| 11 | Surface Temperature Mapping Using Luminescent Imaging for Super-Cooled Large Droplet Icing. , 2018, , . | | 0 |
| 12 | Luminescent Lanthanide Coordination Zippers with Dense-Packed Structures for High Energy Transfer Efficiencies. <i>Springer Theses</i> , 2018, , 15-33. | 0.1 | 0 |
| 13 | Red Luminescent Eu(III) Coordination Bricks Excited on Blue LED Chip. <i>Inorganic Chemistry</i> , 2018, 57, 7097-7103. | 4.0 | 17 |
| 14 | Triboluminescence of Lanthanide Coordination Polymers. <i>Springer Theses</i> , 2018, , 81-100. | 0.1 | 0 |
| 15 | Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses Linked by Thienyl, Naphthyl, and Phenyl Bridges with Ethynyl Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 322-326. | 3.2 | 10 |
| 16 | Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7171-7175. | 13.8 | 54 |
| 17 | Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie</i> , 2017, 129, 7277-7281. | 2.0 | 15 |
| 18 | Organic linkers control the thermosensitivity of the emission intensities from Tb(III) and Eu(III) in a chameleon polymer. <i>Chemical Science</i> , 2017, 8, 423-429. | 7.4 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12059-12062. | 13.8 | 46 |
| 20 | Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie</i> , 2016, 128, 12238-12241. | 2.0 | 7 |
| 21 | Organo-lanthanide luminophores bridged by phosphine oxide ligands. <i>Journal of Luminescence</i> , 2016, 170, 801-807. | 3.1 | 18 |
| 22 | Enhanced Electric Dipole Transition in Lanthanide Complex with Organometallic Ruthenocene Units. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4825-4833. | 2.5 | 21 |
| 23 | Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4364-4370. | 4.0 | 42 |
| 24 | Photo- and thermo-stable luminescent beads composed of Eu(III) complexes and PMMA for enhancement of silicon solar cell efficiency. <i>Journal of Alloys and Compounds</i> , 2014, 601, 293-297. | 5.5 | 58 |
| 25 | Thermo-sensitive luminescent materials composed of Tb(III) and Eu(III) complexes. <i>Materials Letters</i> , 2014, 130, 91-93. | 2.6 | 37 |