Yuichi Hirai

List of Publications by Year
in descending order

25	459	759233 12	713466 21
papers	citations	h-index	g-index

27	27	27	517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organic linkers control the thermosensitivity of the emission intensities from Tb(<scp>iii</scp>) and Eu(<scp>iii</scp>) in a chameleon polymer. Chemical Science, 2017, 8, 423-429.	7.4	60
2	Photo- and thermo-stable luminescent beads composed of Eu(III) complexes and PMMA for enhancement of silicon solar cell efficiency. Journal of Alloys and Compounds, 2014, 601, 293-297.	5.5	58
3	Triboluminescence of Lanthanide Coordination Polymers with Faceâ€toâ€Face Arranged Substituents. Angewandte Chemie - International Edition, 2017, 56, 7171-7175.	13.8	54
4	Luminescent Europium(III) Coordination Zippers Linked with Thiopheneâ€Based Bridges. Angewandte Chemie - International Edition, 2016, 55, 12059-12062.	13.8	46
5	Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. Inorganic Chemistry, 2015, 54, 4364-4370.	4.0	42
6	Thermo-sensitive luminescent materials composed of Tb(III) and Eu(III) complexes. Materials Letters, 2014, 130, 91-93.	2.6	37
7	Structural Manipulation of Triboluminescent Lanthanide Coordination Polymers by Side-Group Alteration. Inorganic Chemistry, 2018, 57, 14653-14659.	4.0	22
8	Enhanced Electric Dipole Transition in Lanthanide Complex with Organometallic Ruthenocene Units. Journal of Physical Chemistry A, 2015, 119, 4825-4833.	2.5	21
9	Organo-lanthanide luminophores bridged by phosphine oxide ligands. Journal of Luminescence, 2016, 170, 801-807.	3.1	18
10	Red Luminescent Eu(III) Coordination Bricks Excited on Blue LED Chip. Inorganic Chemistry, 2018, 57, 7097-7103.	4.0	17
11	Triboluminescence of Lanthanide Coordination Polymers with Faceâ€toâ€Face Arranged Substituents. Angewandte Chemie, 2017, 129, 7277-7281.	2.0	15
12	Mechanofluorochromism of pyrene-derived amidophosphonates. Photochemical and Photobiological Sciences, 2020, 19, 229-234.	2.9	13
13	Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses Linked by Thienyl, Naphthyl, and Phenyl Bridges with Ethynyl Groups. Bulletin of the Chemical Society of Japan, 2017, 90, 322-326.	3.2	10
14	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. European Journal of Inorganic Chemistry, 2018, 2018, 561-567.	2.0	10
15	Lifetimes of Lanthanide(III) Triboluminescence Excited by Aerodynamic Shock Waves. Journal of Physical Chemistry C, 2019, 123, 27251-27256.	3.1	10
16	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. Angewandte Chemie, 2016, 128, 12238-12241.	2.0	7
17	Visualization of icing of supercooled water using Tb(III)-based temperature-sensitive paint. Sensors and Actuators A: Physical, 2019, 285, 599-602.	4.1	6
18	Multiâ€Directional Mechanofluorochromism of Acetyl Pyrenes and Pyrenyl Ynones. ChemPhysChem, 2021, 22, 1638-1644.	2.1	6

#	Article	IF	Citations
19	Mechanofluorochromism of pyrenyl acrylates with different substitutional position and steric hindrance. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 405, 112972.	3.9	3
20	Thermal and Crystallographic Investigation of Luminescent Eu(III) Coordination Polymers with Dithiane and Dioxane Hexyl Rings. Chemistry Letters, 2019, 48, 1544-1546.	1.3	2
21	Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses. Springer Theses, 2018, , 69-80.	0.1	0
22	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phononâ€Assisted Energy Transfer. European Journal of Inorganic Chemistry, 2018, 2018, 545-545.	2.0	0
23	Surface Temperature Mapping Using Luminescent Imaging for Super-Cooled Large Droplet Icing. , 2018, , .		0
24	Luminescent Lanthanide Coordination Zippers with Dense-Packed Structures for High Energy Transfer Efficiencies. Springer Theses, 2018, , 15-33.	0.1	0
25	Triboluminescence of Lanthanide Coordination Polymers. Springer Theses, 2018, , 81-100.	0.1	0