

# Yohei Hattori

## List of Publications by Year in descending order

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26  
papers

733  
citations

623734

14  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplification of luminescence of stable radicals by coordination to NHC-gold complex. <i>Chemical Communications</i> , 2022, 58, 2560-2563.	4.1	10
2	Autopolymerization of 2-bromo-3-methoxythiophene, analysis of reaction products and estimation of polymer structure. <i>Polymer Journal</i> , 2021, 53, 429-438.	2.7	1
3	Molecular crystalline capsules that release their contents by light. <i>Chemical Science</i> , 2021, 12, 11585-11592.	7.4	11
4	Spontaneous Combustion of 2-Bromo-3-Methoxythiophene: A Study on Reaction Pathways and Energetics by Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5615-5625.	2.5	0
5	Expansion of Photostable Luminescent Radicals by <i>Meta</i> -Substitution. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2538-2544.	3.3	13
6	Photoinduced topographical surface changes and photoresponse of the crystals of 7-methoxycoumarin. <i>CrystEngComm</i> , 2021, 23, 5780-5787.	2.6	3
7	First demonstration of the use of open-shell derivatives as organic luminophores for transparent luminescent solar concentrators. <i>Materials Advances</i> , 2021, 2, 7369-7378.	5.4	12
8	Frontispiece: Cyclization from Higher Excited States of Diarylethenes Having a Substituted Azulene Ring. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
9	Photoinduced swing of a diarylethene thin broad sword shaped crystal: a study on the detailed mechanism. <i>Chemical Science</i> , 2020, 11, 12307-12315.	7.4	29
10	Cyclization from Higher Excited States of Diarylethenes Having a Substituted Azulene Ring. <i>Chemistry - A European Journal</i> , 2020, 26, 11441-11450.	3.3	3
11	Aggregation-induced emission effect on turn-off fluorescent switching of a photochromic diarylethene. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2204-2212.	2.2	7
12	Luminescent Mono-, Di-, and Triradicals: Bridging Polychlorinated Triarylmethyl Radicals by Triarylaminos and Triarylboranes. <i>Chemistry - A European Journal</i> , 2019, 25, 15463-15471.	3.3	33
13	Cation-responsive turn-on fluorescence and absence of heavy atom effects of pyridyl-substituted triarylmethyl radicals. <i>Chemical Communications</i> , 2018, 54, 615-618.	4.1	38
14	A simple zinc complex that features multi-functional luminochromism induced by reversible ligand dissociation. <i>Chemical Communications</i> , 2017, 53, 3657-3660.	4.1	23
15	Solvent-Controlled Doublet Emission of an Organometallic Gold(I) Complex with a Polychlorinated Diphenyl(4-pyridyl)methyl Radical Ligand: Dual Fluorescence and Enhanced Emission Efficiency. <i>Inorganic Chemistry</i> , 2017, 56, 3909-3915.	4.0	20
16	Mechano-, thermo-, solvato-, and vapochromism in bis(acetato) <sub>2</sub> [4-(4-(diphenylamino)phenyl)](2,2',6',2'-terpyridine) <sub>3</sub> Ni(II) and its polymer. <i>Chemical Communications</i> , 2017, 53, 9805-9808.	4.1	23
17	Synergistic luminescence enhancement of a pyridyl-substituted triarylmethyl radical based on fluorine substitution and coordination to gold. <i>Chemical Communications</i> , 2016, 52, 13393-13396.	4.1	43
18	Bis(dipyrinato)zinc(II) Complexes: Emission in the Solid State. <i>Inorganic Chemistry</i> , 2016, 55, 5732-5734.	4.0	40

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19	Enhanced Luminescent Properties of an Open-shell (3,5-Dichloro-4-pyridyl)bis(2,4,6-trichlorophenyl)methyl Radical by Coordination to Gold. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3731-3734.	13.8	78
20	Highly photostable luminescent open-shell (3,5-dihalo-4-pyridyl)bis(2,4,6-trichlorophenyl)methyl radicals: significant effects of halogen atoms on their photophysical and photochemical properties. <i>RSC Advances</i> , 2015, 5, 64802-64805.	3.6	52
21	Synthesis, characterization, and physical properties of oligo(1-(N,N-dimethylamino)pyrrole)s and their doped forms, precursors of candidates for molecular flat-band ferromagnets. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4316-4320.	5.5	2
22	Intramolecular Ferromagnetic Radical-CuII Coupling in a CuII Complex Ligated with Pyridyl-Substituted Triarylmethyl Radicals. <i>Inorganic Chemistry</i> , 2015, 54, 4186-4188.	4.0	23
23	Spin-Reconstructed Proton-Coupled Electron Transfer in a Ferrocene-Nickeladithiolene Hybrid. <i>Journal of the American Chemical Society</i> , 2015, 137, 6448-6451.	13.7	9
24	Luminescence, Stability, and Proton Response of an Open-shell (3,5-Dichloro-4-pyridyl)bis(2,4,6-trichlorophenyl)methyl Radical. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11845-11848.	13.8	176
25	Regulation of the Rate of Dinucleation of a Monocopper(I) Complex Containing Bipyrimidine Rotary Units by Restricted Double Pyrimidine Rotation. <i>Inorganic Chemistry</i> , 2014, 53, 2831-2840.	4.0	14
26	Steric Interference on the Redox-conjugated Pyrimidine Ring Rotation of Mono- and Dinuclear Copper Complexes with (4-Methyl-2-pyrimidinyl)imine Ligands. <i>Chemistry Letters</i> , 2014, 43, 1037-1039.	1.3	3