

# Takuya Ogaki

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

366  
citations

1040056

9  
h-index

794594

19  
g-index

39  
all docs

39  
docs citations

39  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of microflow reactors to carry out synthetically useful organic photochemical reactions. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 29, 107-147.	11.6	71
2	Exergonic Intramolecular Singlet Fission of an Adamantane-Linked Tetracene Dyad via Twin Quintet Multiexcitons. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18813-18823.	3.1	39
3	Manipulation of Crystal Structure by Methylthiolation Enabling Ultrahigh Mobility in a Pyrene-Based Molecular Semiconductor. <i>Advanced Materials</i> , 2021, 33, e2102914.	21.0	39
4	Selenium-Substituted 1,2,4,5-dithiophenes: Synthesis, Packing Structure, and Transport Properties. <i>Chemistry of Materials</i> , 2019, 31, 6696-6705.	6.7	36
5	Disrupt and induce intermolecular interactions to rationally design organic semiconductor crystals: from herringbone to rubrene-like pitched $\pi$ -stacking. <i>Chemical Science</i> , 2020, 11, 1573-1580.	7.4	36
6	Remarkable Solvatofluorochromism of a [2.2]Paracyclophane-Containing Organoboron Complex: A Large Stokes Shift Promoted by Excited State Intramolecular Charge Transfer. <i>ChemPhotoChem</i> , 2017, 1, 188-197.	3.0	15
7	Intramolecular Triple Cyclization Strategy for Sila- and Oxa-Analogues of Truxene with Long-Lived Phosphorescence. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 290-296.	2.7	14
8	A Design Principle for Polar Assemblies with C <sub>3</sub> -Sym Bowl-Shaped $\pi$ -Conjugated Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3261-3267.	13.8	12
9	Development and Elucidation of a Novel Fluorescent Boron-Sensor for the Analysis of Boronic Acid-Containing Compounds. <i>Sensors</i> , 2017, 17, 2436.	3.8	10
10	Crystal Structures of Dimethoxyanthracenes: A Clue to a Rational Design of Packing Structures of $\pi$ -Conjugated Molecules. <i>Chemistry - an Asian Journal</i> , 2020, 15, 915-919.	3.3	10
11	Elongation of Triplet Lifetime Caused by Intramolecular Energy Hopping in Diphenylanthracene Dyads Oriented to Undergo Efficient Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4831-4837.	2.6	10
12	1,3,6,8-Tetrakis(methylchalcogeno)pyrenes: Effects of Chalcogen Atoms on the Crystal Structure and Transport Properties. <i>Chemistry of Materials</i> , 2022, 34, 6606-6616.	6.7	10
13	Triplet-Triplet Annihilation-Photon Upconversion Employing an Adamantane-linked Diphenylanthracene Dyad Strategy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112107.	3.9	9
14	One-pot photochemical synthesis of novel thienobis[1]benzothiophene with an angularly-fused structure that promotes unique intermolecular S $\cdots$ S contacts in the crystalline state. <i>Tetrahedron Letters</i> , 2014, 55, 4269-4273.	1.4	7
15	Theoretical Study Demonstrating that Silylene Bridging Brings about LUMO Energy Lowering without Increasing the Reorganization Energy for Single Electron Transfer. <i>Chemistry Letters</i> , 2014, 43, 755-757.	1.3	7
16	Formation of a trithia[5]helicene in an unexpected photoreaction of a methyl-substituted bis(dithienylethenyl)thiophene through a double sequence of 6 $\pi$ -electrocyclization/aromatization (dehydrogenation/demethylation). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 48-55.	3.9	6
17	A leaning amine-ketone dyad with a nonconjugated linker: solvatofluorochromism and dual fluorescence associated with intramolecular charge transfer. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1157-1168.	2.9	6
18	Azacalix[3]triazines: A Substructure of Triazine-Based Graphitic Carbon Nitride Featuring Anion-Anion Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16377-16381.	13.8	6

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19	Cooperative effects of o - and m -methyl groups on the intramolecular charge-transfer emission properties of dibenzoylmethanoboron difluorides. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 845-853.	2.9	4
20	Electronâ€Transfer Reactions Triggered by Uncharged or Cationic Photosensitizer: Methodology for Generation of o â€Quinodimethane and Analysis of Back Electronâ€Transfer Process. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 458-468.	2.7	4
21	A Design Principle for Polar Assemblies with C 3 â€Sym Bowlâ€Shaped Î€â€Conjugated Molecules. <i>Angewandte Chemie</i> , 2021, 133, 3298-3304.	2.0	3
22	Aggregation-induced emission active thermally-activated delayed fluorescence materials possessing N-heterocycle and sulfonyl groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4607-4613.	5.5	3
23	Rates of Ring Opening of Radical Cation Intermediates Govern Differences in Thermoluminescence between 1â€and 2â€Naphthylâ€Substituted Methylenecyclopropanes. <i>ChemPhotoChem</i> , 2020, 4, 168-172.	3.0	2
24	Highly-efficient terahertz emission from hydrogen-bonded single molecular crystal 4-nitro-2,5-bis(phenylethynyl)aniline. <i>Optics Express</i> , 2021, 29, 10048.	3.4	2
25	Remarkable Piezofluorochromism of an Organoboron Complex Containing [2.2]Paracyclophane. <i>Tetrahedron Letters</i> , 2022, 101, 153913.	1.4	2
26	Spectroscopic and electrical characterization of 1,3-bisdiphenylene-1,2-phenylallyl radical as an organic semiconductor. <i>Research on Chemical Intermediates</i> , 2018, 44, 4765-4774.	2.7	1
27	Azacalix[3]triazines: A Substructure of Triazineâ€Based Graphitic Carbon Nitride Featuring Anionâ€Interactions. <i>Angewandte Chemie</i> , 2021, 133, 16513-16517.	2.0	1
28	Theoretical investigation on structure and electronic properties of Si-bridged Î€-conjugated systems. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
29	Remarkable Solvatofluorochromism of a [2.2]Paracyclophane-Containing Organoboron Complex: A Large Stokes Shift Promoted by Excited State Intramolecular Charge Transfer. <i>ChemPhotoChem</i> , 2017, 1, 135-135.	3.0	0
30	Rates of Ring Opening of Radical Cation Intermediates Govern Differences in Thermoluminescence between 1â€and 2â€Naphthylâ€Substituted Methylenecyclopropanes. <i>ChemPhotoChem</i> , 2020, 4, 156-156.	3.0	0
31	Effects of the Alkyl Substituents on the Organic Thin Film Transistor Characteristics of Thiophene-fused Naphthalenes. <i>Journal of the Japan Society of Colour Material</i> , 2017, 90, 233-237.	0.1	0