

# Daisuke Sakamaki

## List of Publications by Citations

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72  
papers

1,466  
citations

23  
h-index

36  
g-index

82  
ext. papers

1,675  
ext. citations

6.4  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
72	Nitrogen-embedded buckybowl and its assembly with C60. <i>Nature Communications</i> , <b>2015</b> , 6, 8215	17.4	158
71	Charge carrier mobility in organic molecular materials probed by electromagnetic waves. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 11093-113	3.6	108
70	Fusion of phosphole and 1,1'-biacenaphthene: phosphorus(V)-containing extended $\pi$ systems with high electron affinity and electron mobility. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8016-20	16.4	106
69	A facile and versatile approach to double N-heterohelicenes: tandem oxidative C-N couplings of N-Heteroacenes via cruciform dimers. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5404-7	16.4	70
68	N-Substituted Dicyanomethylphenyl Radicals: Dynamic Covalent Properties and Formation of Stimuli-Responsive Cyclophanes by Self-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8634-8	16.4	55
67	Effects of carbon-metal-carbon linkages on the optical, photophysical, and electrochemical properties of phosphametallacycle-linked coplanar porphyrin dimers. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1825-39	16.4	49
66	A triphenylamine double-decker: from a delocalized radical cation to a diradical dication with an excited triplet state. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9403-6	16.4	39
65	Fusion of Phosphole and 1,1'-Biacenaphthene: Phosphorus(V)-Containing Extended $\pi$ Systems with High Electron Affinity and Electron Mobility. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8166-8170	3.6	39
64	A double hetero[4]helicene composed of two phenothiazines: synthesis, structural properties, and cationic states. <i>Chemical Communications</i> , <b>2015</b> , 51, 17237-40	5.8	38
63	Diversity-oriented synthesis of tetrathia[8]circulenes by sequential C-H borylation and annulation. <i>Chemical Communications</i> , <b>2015</b> , 51, 16944-7	5.8	34
62	Fabrication of enzyme-degradable and size-controlled protein nanowires using single particle nano-fabrication technique. <i>Nature Communications</i> , <b>2014</b> , 5, 3718	17.4	34
61	The Divergent Dimerization Behavior of N-Substituted Dicyanomethyl Radicals: Dynamically Stabilized versus Stable Radicals. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16597-16601	16.4	32
60	Spin-Delocalization in Charged States of para-Phenylene-Linked Dendritic Oligoarylamines. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 841-850	9.6	30
59	Supramolecular assemblies of a nitrogen-embedded buckybowl dimer with C. <i>Chemical Science</i> , <b>2018</b> , 9, 819-824	9.4	30
58	Highly emissive excited-state intramolecular proton transfer (ESIPT) inspired 2-(2'-hydroxy)benzothiazolefluorene motifs: spectroscopic and photophysical properties investigation. <i>RSC Advances</i> , <b>2015</b> , 5, 80283-80296	3.7	29
57	AIE active triphenylaminebenzothiazole based motifs: ESIPT or ICT emission. <i>RSC Advances</i> , <b>2016</b> , 6, 26941-26949	3.7	29
56	N-Substituted Dicyanomethylphenyl Radicals: Dynamic Covalent Properties and Formation of Stimuli-Responsive Cyclophanes by Self-Assembly. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8776-8780	3.6	28

55	Dynamic covalent bonds: approaches from stable radical species. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 2270-2282	7.8	26
54	1,3,5-Benzenetriamine double- and triple-decker molecules. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8281-5	16.4	26
53	Optical and Structural Properties of ESIPT Inspired HBT-Fluorene Molecular Aggregates and Liquid Crystals. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 10407-10416	3.4	25
52	π Interactions: Influence on Molecular Packing and Solid-State Emission of ESIPT and non-ESIPT Motifs. <i>Asian Journal of Organic Chemistry</i> , <b>2016</b> , 5, 938-945	3	25
51	Recognizing Through-Bond and Through-Space Self-Exchange Charge/Spin Transfer Pathways in Bis(triarylamine) Radical Cations with Similar Geometrical Arrangements. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15712-15717	16.4	24
50	Enhancing the low-energy absorption band and charge mobility of antiaromatic Ni porphyrins by their substituent effects. <i>Chemical Communications</i> , <b>2017</b> , 53, 1112-1115	5.8	23
49	A polymacrocyclic oligoarylamine with a pseudobeltane motif: towards a cylindrical multispin system. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12776-81	16.4	22
48	Polycationic States of Oligoanilines Based on Wurster's Blue. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 4441-4450	3.2	22
47	A Facile and Versatile Approach to Double N-Heterohelicenes: Tandem Oxidative C-N Couplings of N-Heteroacenes via Cruciform Dimers. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5494-5497	3.6	21
46	Hash-Mark-Shaped Azaacene Tetramers with Axial Chirality. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7152-7158	16.4	21
45	Unique cohesive nature of the isomer of [70]PCBM fullerene on structures and photovoltaic performances of bulk heterojunction films with PffBT4T-2OD polymers. <i>Chemical Communications</i> , <b>2018</b> , 54, 405-408	5.8	20
44	The Divergent Dimerization Behavior of N-Substituted Dicyanomethyl Radicals: Dynamically Stabilized versus Stable Radicals. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16824-16828	3.6	19
43	Highly Fluorescent Liquid Crystals from Excited-State Intramolecular Proton Transfer Molecules. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801349	8.1	19
42	Meta-para-linked octaaza[1(8)]cyclophanes and their polycationic states. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 2947-56	4.2	18
41	High-spin polycationic states of an alternate meta-para-linked oligoarylamine incorporating two macrocycles. <i>Chemical Communications</i> , <b>2009</b> , 4524-6	5.8	17
40	Dicyanomethyl Radical-Based Near-Infrared Thermochromic Dyes with High Transparency in the Visible Region <b>2019</b> , 1, 25-29		16
39	Recognizing Through-Bond and Through-Space Self-Exchange Charge/Spin Transfer Pathways in Bis(triarylamine) Radical Cations with Similar Geometrical Arrangements. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15918-15923	3.6	15
38	Tetraaza[1.1.1]m,p,m,p-cyclophane Diradical Dications Revisited: Tuning Spin States by Confronted Arenes. <i>Organic Letters</i> , <b>2017</b> , 19, 3115-3118	6.2	14

37	Formation of Cyclophane Macrocycles in Carbazole-Based Biradicaloids: Impact of the Dicyanomethylene Substitution Position. <i>ACS Omega</i> , <b>2019</b> , 4, 4761-4769	3.9	14
36	Redox modulation of para-phenylenediamine by substituted nitronyl nitroxide groups and their spin states. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 12858-67	2.8	14
35	Tetraaza[1]- and Octaaza[1]paracyclophane: Synthesis and Characterization of Their Neutral and Cationic States. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 13348-13358	4.2	14
34	AIE Active Carbazole-Benzothiazole Based ESIPT Motifs: Positional Isomers Directing the Optical and Electronic Properties. <i>ChemistrySelect</i> , <b>2017</b> , 2, 1959-1966	1.8	13
33	Reversible Control of Radius and Morphology of Fluorene-Azobenzene Copolymer Nanowires by Light Exposure. <i>Advanced Materials Interfaces</i> , <b>2015</b> , 2, 1400450	4.6	12
32	A Triphenylamine Double-Decker: From a Delocalized Radical Cation to a Diradical Dication with an Excited Triplet State. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9537-9540	3.6	12
31	Ferrocene-Substituted Naphthalenediimide with Broad Absorption and Electron-Transport Properties in the Segregated-Stack Structure. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7385-8	4.8	11
30	A Polymacrocyclic Oligoarylamine with a Pseudobeltane Motif: Towards a Cylindrical Multispin System. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12948-12953	3.6	10
29	Electronic structure of tetraaza[1.1.1]o,p,o,p-cyclophane and its oxidized states. <i>RSC Advances</i> , <b>2014</b> , 4, 39476-39483	3.7	9
28	Isolable Triradical Trication of Hexaaza[1]paracyclophane with Embedded 9,10-Anthrylenes: A Frustrated Three-Spin System. <i>Organic Letters</i> , <b>2017</b> , 19, 4371-4374	6.2	9
27	Fabrication of Clickable Polyfluorene Nanowires with High Aspect Ratio as Biological Sensing Platforms. <i>ACS Sensors</i> , <b>2016</b> , 1, 766-774	9.2	8
26	A Triphenylamine with Two Phenoxy Radicals Having Unusual Bonding Patterns and a Closed-Shell Electronic State. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8267-70	16.4	7
25	Synthesis and Characterization of 6,13-Diamino-Substituted Pentacenes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2165-2170	4.8	7
24	Landscape of Charge Carrier Transport in Doped Poly(3-hexylthiophene): Noncontact Approach Using Ternary Combined Dielectric, Paramagnetic, and Optical Spectroscopies. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3639-3645	6.4	7
23	A Triphenylamine with Two Phenoxy Radicals Having Unusual Bonding Patterns and a Closed-Shell Electronic State. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8385-8388	3.6	5
22	1,3,5-Benzenetriamine Double- and Triple-Decker Molecules. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 8406-8410	3.6	5
21	Synthesis and properties of a twin donor molecule composed of cofacially stacked dihydrodiazapentacenes. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 530-536	7.8	4
20	Modulation of Open-shell Characters of Amine-inserted Diphenylquinones via Structural Modification. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 1889-1894	4.5	3

19	Fabrication of Fluorescent Nanowires via High-Energy Particles-Triggered Polymerization Reactions. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2016</b> , 29, 373-377	0.7	3
18	Electronic and Photophysical Properties of 9,10-Anthrylene-Bridged B-N Donor-Acceptor Molecules with Solid-State Emission in the Yellow to Red Region. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1305-1313	2.8	3
17	Comparison of radical generation efficiencies of the oxime-based initiator radicals using galvinoxyl radical as an indicator. <i>Japanese Journal of Applied Physics</i> , <b>2018</b> , 57, 086504	1.4	3
16	Double Heterohelicenes Composed of Benzo[ <i>b</i> ]- and Dibenzo[ <i>b</i> ]phenoxazine: A Comprehensive Comparison of Their Electronic and Chiroptical Properties. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 9283-9292	6.4	2
15	Tuning of Open-shell Characters of a Terphenoquinone by Introducing a Benzodithiophene Unit. <i>Chemistry Letters</i> , <b>2017</b> , 46, 805-807	1.7	1
14	Extreme multi-point van der Waals interactions: isolable dimers of phthalocyanines substituted with pillar-like azaacenes. <i>Chemical Science</i> , <b>2019</b> , 10, 8939-8945	9.4	1
13	Liquid Crystals: Highly Fluorescent Liquid Crystals from Excited-State Intramolecular Proton Transfer Molecules (Advanced Optical Materials 2/2019). <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1970008	8.1	1
12	Tetrathiafulvalene-Inserted Diphenoquinone: Synthesis, Structure, and Dynamic Redox Property. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14144-14151	4.8	1
11	Fully-substituted 1,3-Butadienes as $\pi$ -Conjugated Linkers between Pyrenes. <i>Chemistry Letters</i> , <b>2016</b> , 45, 403-405	1.7	1
10	A simple and rapid method for high-resolution visualization of single-ion tracks. <i>AIP Advances</i> , <b>2014</b> , 4, 117128	1.5	1
9	A Particle with High Energy: A Versatile Tool for Nanomaterials. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> , 19-26	0.6	1
8	Synthesis and Electronic Properties of Directly Linked Dihydrodiazatetracene Dimers. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4430-4438	4.8	1
7	A dicyanomethyl radical stabilized by ferrocene: a new building block for radical-based dynamic covalent chemistry with redox activity.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
6	Nanowires for Renewable Energy. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> , 53-67	0.6	
5	High Pressure Synthesis of Hydride-fluoride Pyrochlore NaCaMg <sub>2</sub> F <sub>7</sub> H <sub>x</sub> . <i>Chemistry Letters</i> , <b>2018</b> , 47, 829-832	1.7	
4	Rücktitelbild: A Facile and Versatile Approach to Double N-Heterohelicenes: Tandem Oxidative C-N Couplings of N-Heteroacenes via Cruciform Dimers (Angew. Chem. 18/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5620-5620	3.6	
3	Bio-compatible Nanomaterials. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> , 27-39	0.6	
2	Stimuli-Responsive Nanomaterials. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> , 41-52	0.6	

1 Single-Particle Triggered Polymerization. *Springer Briefs in Molecular Science*, **2015**, 69-74

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