

Ryo Sekiya

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3405042/ryo-sekiya-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79 papers	1,443 citations	21 h-index	35 g-index
95 ext. papers	1,718 ext. citations	5.9 avg, IF	5.08 L-index

#	Paper	IF	Citations
79	A quadruply stranded metallohelicate and its spontaneous dimerization into an interlocked metallohelicate. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 706-10	16.4	161
78	White-light-emitting edge-functionalized graphene quantum dots. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5619-23	16.4	156
77	Anion-directed formation and degradation of an interlocked metallohelicate. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10987-97	16.4	101
76	Design and structural extension of a supramolecular inclusion-compound host made by the formation of dimers of isonicotinic acid and thiocyanato coordinating bridges. <i>Chemistry - A European Journal</i> , 2002 , 8, 4803-10	4.8	56
75	Crystalline inclusion compounds constructed through self-assembly of isonicotinic acid and thiocyanato coordination bridges. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16587-600	16.4	48
74	Chemical Functionalisation and Photoluminescence of Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2016 , 22, 8198-206	4.8	47
73	High diastereoselection of a dissymmetric capsule by chiral guest complexation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7243-7	16.4	42
72	Synthesis, characterization, X-ray crystal structure, DFT calculations, and catalytic properties of a dioxidovanadium(V) complex derived from oxamohydrazide and pyridoxal: a model complex of vanadate-dependent bromoperoxidase. <i>Inorganic Chemistry</i> , 2014 , 53, 11426-37	5.1	41
71	White-Light-Emitting Edge-Functionalized Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2014 , 126, 5725-5729	3.6	40
70	Pd ₂ +O ₃ SR- interaction encourages anion encapsulation of a quadruply-stranded Pd complex to achieve chirality or high solubility. <i>Chemical Communications</i> , 2011 , 47, 12346-8	5.8	40
69	Development of Ultraviolet-Ultraviolet Hole-Burning Spectroscopy for Cold Gas-Phase Ions. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1236-40	6.4	39
68	Coordination framework hosts consisting of 4-pyridyl-substituted carboxylic acid (PCA) dimers and 1D chains of Ni ²⁺ and SCN ⁻ : a rational structural extension toward coordination framework hosts with large rectangular cavities. <i>Inorganic Chemistry</i> , 2006 , 45, 9233-44	5.1	39
67	A Supramolecular Polymer Network of Graphene Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4960-4964	16.4	31
66	Frozen Dissymmetric Cavities in Resorcinarene-Based Coordination Capsules. <i>Chemistry - A European Journal</i> , 2016 , 22, 3250-3254	4.8	28
65	A preparative strategy for supramolecular inclusion compounds by combination of dimer formation of isonicotinic acid and coordination bonding. <i>Chemical Communications</i> , 2001 , 2612-2613	5.8	28
64	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9022-9026	16.4	26
63	Cooperative Self-Assembly of Carbazole Derivatives Driven by Multiple Dipole-Dipole Interactions. <i>Journal of Organic Chemistry</i> , 2016 , 81, 6832-7	4.2	26

62	Majority-Rules Effect and Allostery in Molecular Recognition of Calix[4]arene-Based Triple-Stranded Metallohelicates. <i>Chemistry - A European Journal</i> , 2018 , 24, 8558-8568	4.8	23
61	Ion-based assemblies of planar anion complexes and cationic Pt(II) complexes. <i>Chemical Communications</i> , 2014 , 50, 10615-8	5.8	23
60	Supramolecular Graft Copolymerization of a Polyester by Guest-Selective Encapsulation of a Self-Assembled Capsule. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2613-2618	16.4	22
59	Controlling stereoselectivity of solid-state photoreactions by co-crystal formation. <i>Chemical Communications</i> , 2011 , 47, 10097-9	5.8	21
58	Vanadium(V) complexes of some bidentate hydrazone ligands and their bromoperoxidase activity. <i>Polyhedron</i> , 2017 , 127, 135-143	2.7	19
57	Intramolecular Migration of Bulky Substituents in the Solid State: π -Vinyllogous Pinacol Rearrangements Induced Thermally and by Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10282-10288	16.4	19
56	Decelerated chirality interconversion of an optically inactive 3(10)-helical peptide by metal chelation. <i>Chemical Communications</i> , 2008 , 2894-6	5.8	18
55	High Diastereoselection of a Dissymmetric Capsule by Chiral Guest Complexation. <i>Angewandte Chemie</i> , 2014 , 126, 7371-7375	3.6	17
54	Allostery in Guest Binding of Rim-to-Rim-Connected Homoditopic Biscavitands. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3300-3303	3.2	17
53	A Supramolecular Polymer Network of Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2018 , 130, 5054-5068	16.4	16
52	Adsorption and separation of poly-aromatic hydrocarbons by a hydrogen-bonded coordination polymer. <i>Chemical Communications</i> , 2012 , 48, 5022-4	5.8	15
51	Combination between metal-ligand coordination and hydrogen bond interaction: a facile route for the construction of 3D coordination networks with the ability to include relatively large aromatic molecules. <i>CrystEngComm</i> , 2009 , 11, 2251	3.3	14
50	Chirality-Embedded Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 669-673	16.4	14
49	Synthesis and Structure of Feet-to-Feet Connected Bisresorcinarenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13220-13230	4.2	13
48	Synthesis, X-ray crystal structures and inclusion properties of a hydrogen-bonded coordination polymer [Ni(SCN) ₂ (pppeH) ₂](guest) _x . <i>CrystEngComm</i> , 2011 , 13, 6405	3.3	12
47	Structural Extension from an Isonicotinic Acid Dimer to 4-(4-Pyridyl)benzoic Acid (pybenH) Dimer: X-ray Crystal Structure Analysis and Inclusion Properties of a Hydrogen-Bonded Coordination Polymer [Ni(SCN) ₂ (pybenH) ₂]. <i>Crystal Growth and Design</i> , 2011 , 11, 5574-5591	3.5	11
46	Facile Synthesis of an Eight-Armed Star-Shaped Polymer via Coordination-Driven Self-Assembly of a Four-Armed Cavitand. <i>ACS Macro Letters</i> , 2018 , 7, 1308-1311	6.6	11
45	UV photodissociation spectroscopy of cryogenically cooled gas phase host-guest complex ions of crown ethers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25925-34	3.6	10

44	Chemically Functionalized Two-Dimensional Carbon Materials. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2316-2328	4.5	10
43	Heteroleptic Ru(II) complexes containing aroyl hydrazone and 2,2'-bipyridyl: Synthesis, X-ray crystal structures, electrochemical and DFT studies. <i>Polyhedron</i> , 2014 , 72, 115-121	2.7	10
42	Site-selective anion recognition of an interlocked dimer. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4328-4335	3.9	9
41	4-(4-Pyridyl)benzoic Acid (PybenH) Dimer: An Efficient and Reasonable Design for a Long Linear Bidentate Building Block Employed in Metal-Organic Coordination Framework. <i>Chemistry Letters</i> , 2006 , 35, 614-615	1.7	9
40	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie</i> , 2019 , 131, 9120-9124	3.6	8
39	Intrinsic Emission from Nanographenes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3213-3220	4.5	8
38	Guest induced head-to-tail columnar assembly of 5,17-difunctionalized calix[4]arene. <i>CrystEngComm</i> , 2014 , 16, 6023-6032	3.3	8
37	Molecular recognition of upper rim functionalized cavitand and its unique dimeric capsule in the solid state. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1647-53	3.9	8
36	A protocol for size separation of nanographenes.. <i>RSC Advances</i> , 2019 , 9, 33843-33846	3.7	8
35	Supramolecular Graft Copolymerization of a Polyester by Guest-Selective Encapsulation of a Self-Assembled Capsule. <i>Angewandte Chemie</i> , 2017 , 129, 2657-2662	3.6	7
34	Photoluminescence responses of graphene quantum dots toward organic bases and an acid. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 623-626	4.2	7
33	A New Inclusion Compound Consisting of 2D Coordination Layers of [Cd(SCN) ₂] and Pillars of Isonicotinamide Dimers. <i>Chemistry Letters</i> , 2005 , 34, 1076-1077	1.7	7
32	Self-Assembly of Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12706-12711	16.4	7
31	Separation of Spectroscopically Uniform Nanographenes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1786-1794	4.5	7
30	Synthesis and Dimerization Studies of a Lipophilic Photoresponsive Aryl-Extended Tetraurea-Calix[4]pyrrole. <i>Chemistry - A European Journal</i> , 2018 , 24, 2182-2191	4.8	7
29	Cu ₃ (CN) ₄ (NH ₃) ₂ Hg(CN) ₂ : a novel interpenetrating framework formed from Cu(I), Cu(II), Hg(II) and cyanide bridges. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, i32-4		6
28	Chirality-Embedded Nanographenes. <i>Angewandte Chemie</i> , 2020 , 132, 679-683	3.6	6
27	Feet-to-Feet Connected Trisresorcinarenes. <i>Organic Letters</i> , 2020 , 22, 352-356	6.2	6

26	Edge-Functionalized Nanographenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 187-199	4.8	6
25	A Regulable Internal Cavity inside a Resorcinarene-Based Hemicarcerand. <i>Chemistry - A European Journal</i> , 2020 , 26, 5810-5817	4.8	6
24	Tunable enforced cavities inside self-assembled capsules. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1561-1566	5.2	5
23	Induced-Fit Molecular Recognition of Alkyl Chains in p-tert-Butylcalix[5]arene in the Solid State. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 220-225	5.1	5
22	Head-to-tail polymeric columnar structure of calix[4]arene possessing catechol arms in the solid state. <i>CrystEngComm</i> , 2013 , 15, 8404	3.3	5
21	Microwave spectroscopic and ab initio studies of pyrolysis products of 2-nitrosopropene (syn form) and its pyrolysis mechanism. <i>Journal of Analytical and Applied Pyrolysis</i> , 2001 , 60, 131-144	6	5
20	Upper-rim functionalization and supramolecular polymerization of a feet-to-feet-connected biscavitand. <i>Chemical Communications</i> , 2020 , 56, 3733-3736	5.8	4
19	Nanographenes from Distinct Carbon Sources. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 1394-1399	5.9	4
18	Pseudorotaxanes in the gas phase: structure and energetics of protonated dibenzylamine-crown ether complexes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 18678-18687	3.6	3
17	Organogelators of 5,17-Difunctionalized Calix[4]arenes. <i>Chemistry Letters</i> , 2019 , 48, 43-46	1.7	2
16	Substituent-controlled racemization of dissymmetric coordination capsules. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4729-4735	3.9	2
15	One-dimensional arrangement of NORIA in the solid-state. <i>CrystEngComm</i> , 2020 , 22, 4740-4747	3.3	2
14	Hexameric assembly of 5,17-di-substituted calix[4]arene in the solid state. <i>CrystEngComm</i> , 2017 , 19, 6744-6751	3.5	2
13	A Hofmann pyridine complex: poly[tetra-cyano-dipyridinemanganese(II)nickel(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1627-m1629		2
12	Mass and microwave spectroscopic studies of pyrolysates and pyrolysis mechanism of 1,1,2-trichloronitrosoethane. <i>Journal of Analytical and Applied Pyrolysis</i> , 2000 , 53, 177-184	6	2
11	Blueish-white-light-emitting Nanographenes Developed by Pd-catalyzed Suzuki-Miyaura Cross Coupling Reactions. <i>Chemistry Letters</i> , 2021 , 50, 664-667	1.7	2
10	Absorption of chemicals in amorphous trisresorcinarene. <i>Chemical Communications</i> , 2020 , 56, 12582-12588	5.8	1
9	Self-Assembly of Nanographenes. <i>Angewandte Chemie</i> , 2021 , 133, 12816-12821	3.6	1

8	Programmed Dynamic Covalent Chemistry System of Addition-condensation Reaction of Phenols and Aldehydes. <i>Chemistry Letters</i> , 2021 , 50, 825-831	1.7	1
7	Folding and Unfolding of Acetoxy Group-Terminated Alkyl Chains Inside a Size-Regulable Hemicarcerand. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4440-4447	4.2	1
6	Calix[4]arene-Based Triple-Stranded Metallohelicate in Water. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 49-55	4.5	0
5	Nanographene - A Scaffold of Two-Dimensional Materials.. <i>Chemical Record</i> , 2021 , e202100257	6.6	0
4	Front Cover: Allosteric in Guest Binding of Rim-to-Rim-Connected Homoditopic Biscavitands (Eur. J. Org. Chem. 20/2016). <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3259-3259	3.2	
3	Hydrogen-bonded hexameric cluster of benzyl alcohol in the solid state polymeric organization of p-tert-Butylcalix[5]arene. <i>Supramolecular Chemistry</i> , 2016 , 28, 444-449	1.8	
2	Translational isomers of -sulfonylated [3]catenane: synthesis and isomerization. <i>Chemical Communications</i> , 2021 , 57, 1915-1918	5.8	
1	Chemical Modification of Nanographenes and Their Functions. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2021 , 79, 743-754	0.2	