

Ryo Sekiya

List of Publications by Year in Descending Order

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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	Self-Assembly of Nanographenes. <i>Angewandte Chemie</i> , 2021 , 133, 12816-12821	3.6	1
78	Programmed Dynamic Covalent Chemistry System of Addition-condensation Reaction of Phenols and Aldehydes. <i>Chemistry Letters</i> , 2021 , 50, 825-831	1.7	1
77	Nanographenes from Distinct Carbon Sources. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 1394-1399	3.9	4
76	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
75	Self-Assembly of Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12706-12711	16.4	7
74	Calix[4]arene-Based Triple-Stranded Metallohelicate in Water. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 49-55	4.5	0
73	Edge-Functionalized Nanographenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 187-199	4.8	6
72	Translational isomers of -sulfonylated [3]catenane: synthesis and isomerization. <i>Chemical Communications</i> , 2021 , 57, 1915-1918	5.8	
71	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
70	Chemical Modification of Nanographenes and Their Functions. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2021 , 79, 743-754	0.2	
69	Nanographene - A Scaffold of Two-Dimensional Materials.. <i>Chemical Record</i> , 2021 , e202100257	6.6	0
68	Chemically Functionalized Two-Dimensional Carbon Materials. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2316-2328	4.5	10
67	Upper-rim functionalization and supramolecular polymerization of a feet-to-feet-connected biscavitand. <i>Chemical Communications</i> , 2020 , 56, 3733-3736	5.8	4
66	One-dimensional arrangement of NORIA in the solid-state. <i>CrystEngComm</i> , 2020 , 22, 4740-4747	3.3	2
65	Chirality-Embedded Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 669-673	16.4	14
64	Chirality-Embedded Nanographenes. <i>Angewandte Chemie</i> , 2020 , 132, 679-683	3.6	6
63	Feet-to-Feet Connected Trisresorcinarenes. <i>Organic Letters</i> , 2020 , 22, 352-356	6.2	6

62	Absorption of chemicals in amorphous trisresorcinarene. <i>Chemical Communications</i> , 2020 , 56, 12582-12588	5.8	1
61	A Regulable Internal Cavity inside a Resorcinarene-Based Hemisarcocend. <i>Chemistry - A European Journal</i> , 2020 , 26, 5810-5817	4.8	6
60	Organogelators of 5,17-Difunctionalized Calix[4]arenes. <i>Chemistry Letters</i> , 2019 , 48, 43-46	1.7	2
59	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie</i> , 2019 , 131, 9120-9124	3.6	8
58	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9022-9026	16.4	26
57	Substituent-controlled racemization of dissymmetric coordination capsules. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4729-4735	3.9	2
56	Tunable enforced cavities inside self-assembled capsules. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1561-1566	5.2	5
55	Intrinsic Emission from Nanographenes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3213-3220	4.5	8
54	A protocol for size separation of nanographenes.. <i>RSC Advances</i> , 2019 , 9, 33843-33846	3.7	8
53	Separation of Spectroscopically Uniform Nanographenes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1786-1791	4.5	7
52	A Supramolecular Polymer Network of Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2018 , 130, 5054-5058	16.8	16
51	A Supramolecular Polymer Network of Graphene Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4960-4964	16.4	31
50	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
49	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
48	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
47	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
46	Vanadium(V) complexes of some bidentate hydrazone ligands and their bromoperoxidase activity. <i>Polyhedron</i> , 2017 , 127, 135-143	2.7	19
45	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

44	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
43	Site-selective anion recognition of an interlocked dimer. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4328-4335	3.9	9
42	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
41	Synthesis and Structure of Feet-to-Foot Connected Bisresorcinarenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13220-13230	4.2	13
40	Hexameric assembly of 5,17-di-substituted calix[4]arene in the solid state. <i>CrystEngComm</i> , 2017 , 19, 6744-6751	3.5	12
39	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
38	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
37	Front Cover: Allosteric 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	
36	Chemical Functionalisation and Photoluminescence of Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2016 , 22, 8198-206	4.8	47
35	Frozen Dissymmetric Cavities in Resorcinarene-Based Coordination Capsules. <i>Chemistry - A European Journal</i> , 2016 , 22, 3250-3254	4.8	28
34	Allosteric Guest Binding of Rim-to-Rim-Connected Homoditopic Biscavitands. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3300-3303	3.2	17
33	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	
32	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
31	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
30	White-light-emitting edge-functionalized graphene quantum dots. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5619-23	16.4	156
29	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
28	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
27	Guest induced head-to-tail columnar assembly of 5,17-difunctionalized calix[4]arene. <i>CrystEngComm</i> , 2014 , 16, 6023-6032	3.3	8

26	Ion-based assemblies of planar anion complexes and cationic Pt(II) complexes. <i>Chemical Communications</i> , 2014 , 50, 10615-8	5.8	23
25	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
24	High diastereoselection of a dissymmetric capsule by chiral guest complexation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7243-7	16.4	42
23	White-Light-Emitting Edge-Functionalized Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2014 , 126, 5725-5729	3.6	40
22	High Diastereoselection of a Dissymmetric Capsule by Chiral Guest Complexation. <i>Angewandte Chemie</i> , 2014 , 126, 7371-7375	3.6	17
21	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
20	Adsorption and separation of poly-aromatic hydrocarbons by a hydrogen-bonded coordination polymer. <i>Chemical Communications</i> , 2012 , 48, 5022-4	5.8	15
19	Anion-directed formation and degradation of an interlocked metallohelicate. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10987-97	16.4	101
18	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]·Cryst Growth and Design, 2011 , 11, 5574-5591	3.5	11
17	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
16	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
15	Controlling stereoselectivity of solid-state photoreactions by co-crystal formation. <i>Chemical Communications</i> , 2011 , 47, 10097-9	5.8	21
14	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
13	Decelerated chirality interconversion of an optically inactive 3(10)-helical peptide by metal chelation. <i>Chemical Communications</i> , 2008 , 2894-6	5.8	18
12	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
11	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
10	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
9	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

8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	Intramolecular Migration of Bulky Substituents in the Solid State: Vinylogous Pinacol Rearrangements Induced Thermally and by Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10282-10288	16.4	19