Shunsuke Kuwahara

List of Publications by Year
in descending order

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54	1,090	430874	434195
papers	citations	18 h-index	31 g-index

56	56	56	877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pentacyclic Nanoâ€Trefoil. Angewandte Chemie, 2021, 133, 660-664.	2.0	0
2	Pentacyclic Nanoâ€Trefoil. Angewandte Chemie - International Edition, 2021, 60, 650-654.	13.8	10
3	Cosmosen: Octa-Armed 24-Membered Cyclic Octaamine Synthesized from a Byproduct in the Preparation of 4-Benzyl-2,6-dioxocyclen. Journal of Organic Chemistry, 2021, 86, 9847-9853.	3.2	2
4	Argentivorous Molecules with Chromophores in Side Arms: Silver Ion-Induced Turn On and Turn Off of Fluorescence. Inorganic Chemistry, 2021, 60, 9141-9147.	4.0	7
5	Argentivorous Molecules with Oxyethylene Chains in Side-Arms: Silver Ion-Induced Selectivity Changes toward Alkali Metal Ions. Inorganic Chemistry, 2021, 60, 11320-11327.	4.0	2
6	Bis-Argentivorous Molecules Bridged by Phenyl and 4,4â€²-Biphenyl Groups: Structural and Dynamic Behavior of Silver Complexes. Inorganic Chemistry, 2021, 60, 15159-15168.	4.0	3
7	Mole-Ratio-Dependent Reversible Transformation between 2:2 and Cyclic 3:6 Silver(I) Complexes with an Argentivorous Molecule. Inorganic Chemistry, 2021, 60, 1738-1745.	4.0	4
8	Influence of the Molar Ratio and Solvent on the Coordination Modes of 1,7-Dibenzyl-4,10-bis(pyridin-4-ylmethyl)cyclen. Inorganic Chemistry, 2020, 59, 11166-11173.	4.0	9
9	Argentivorous Molecules Exhibiting Highly Selective Silver(I) Chiral Enhancement. Inorganic Chemistry, 2020, 59, 13435-13441.	4.0	6
10	Chiral Argentivorous Molecules Having Biphenyl Groups as Side-arms: Drastic Enhancements in CD Intensities. Chemistry Letters, 2020, 49, 1178-1180.	1.3	2
11	1H NMR Study of a Chiral Argentivorous Molecule/Ag+ Complex: Assignment of Proton Signals of Four Aromatic Rings with Slightly Different Environments. Inorganic Chemistry, 2020, 59, 18444-18451.	4.0	3
12	Inclusion of alkyl nitriles by tetra-armed cyclens with styrylmethyl groups. Dalton Transactions, 2020, 49, 3112-3119.	3.3	12
13	Silver ion-induced chiral enhancement by argentivorous molecules. Chemical Communications, 2020, 56, 3373-3376.	4.1	10
14	A Thiacalix Basket and Its Anionâ€Dependent 2â€D and 3â€D Silver(I) Coordination Polymers via Exoâ€Coordination. European Journal of Inorganic Chemistry, 2020, 2020, 356-360.	2.0	6
15	Solvent-Dependent Formations of Supramolecular Isomers and a Single-Crystal to Single-Crystal Transformation from a Cyclic Dimer Complex to a One-Dimensional Coordination Polymer. Crystal Growth and Design, 2020, 20, 3284-3292.	3.0	12
16	Ten-Membered Rings or Larger With One or More Oxygen and Sulfur Atoms. , 2020, , 833-833.		0
17	Synthesis and Aldose Reductase Inhibitory Activity of Botryllazine A Derivatives. Chemical and Pharmaceutical Bulletin, 2019, 67, 556-565.	1.3	1
18	Pillar[5]â€bisâ€thiacrown: An Adaptive Tricyclic Host Selectively Recognizing an Organic Guest by Dimetalation. Chemistry - A European Journal, 2019, 25, 949-953.	3.3	9

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19	Enhancing Photostability of Fluorescent Dye-Attached Molecular Machines at Airâ€“Glass Interface Using Cyclooctatetraene. Journal of Physical Chemistry C, 2019, 123, 3011-3018.	3.1	5
20	Thermal E/Z Isomerization in First Generation Molecular Motors. Journal of Organic Chemistry, 2018, 83, 4800-4804.	3.2	12
21	pseudo[1]Catenane-Type Pillar[5]thiacrown Whose Planar Chiral Inversion is Triggered by Metal Cation and Controlled by Anion. Journal of the American Chemical Society, 2018, 140, 9669-9677.	13.7	94
22	Diffusion of Nanocars on an Airâ€“Glass Interface. Journal of Physical Chemistry C, 2018, 122, 19025-19036.	3.1	15
23	Câ€“Hâ‹¯Cl^{â‹} hydrogen bonds in solution and in the solid-state: HgCl₂ complexes with cyclen-based cryptands. Dalton Transactions, 2017, 46, 3800-3804.	3.3	13
24	3-Menthoxybiphenyl-4-carboxylic acid: a versatile resolving agent and reagent for determination of the absolute configuration of benzylic alcohols. Tetrahedron: Asymmetry, 2017, 28, 945-953.	1.8	3
25	Double-armed and tetra-armed cyclen-based cryptands. Supramolecular Chemistry, 2017, 29, 370-377.	1.2	7
26	Synthesis and Photostability of Unimolecular Submersible Nanomachines: Toward Single-Molecule Tracking in Solution. Organic Letters, 2016, 18, 2343-2346.	4.6	11
27	Coordination Networks of a Ditopic Macrocycle Exhibiting Anion-Controlled Dimensional Changes and Crystal-to-Crystal Anion Exchange. Inorganic Chemistry, 2015, 54, 5372-5383.	4.0	38
28	Argentivorous molecules bearing three aromatic side arms: synthesis of triple-armed cyclens and their complexing property towards Ag⁺. Dalton Transactions, 2015, 44, 1170-1177.	3.3	21
29	Construction of an M₃L₂A₆ Cage with Small Windows from a Flexible Tripodal Ligand and Cu(hfac)₃. Inorganic Chemistry, 2014, 53, 24-26.	4.0	10
30	A general method for the synthesis of enantiopure aliphatic chain alcohols with established absolute configurations. Part 2, via catalytic reduction of acetylene alcohol MÎ±NP esters. Tetrahedron: Asymmetry, 2014, 25, 1466-1477.	1.8	9
31	A general method for the synthesis of enantiopure aliphatic chain alcohols with established absolute configurations. Part 1. Application of the MÎ±NP acid method to acetylene alcohols. Tetrahedron: Asymmetry, 2014, 25, 1456-1465.	1.8	8
32	Tetra-Armed Cyclen Bearing Two Benzo-15-Crown-5 Ethers in the Side Arms. Inorganic Chemistry, 2014, 53, 10514-10519.	4.0	14
33	Synthesis of peptide-conjugated light-driven molecular motors and evaluation of their DNA-binding properties. Molecular BioSystems, 2013, 9, 969.	2.9	14
34	Chirality transcription and amplification by [2]pseudorotaxanes. Chemical Communications, 2013, 49, 2186.	4.1	20
35	Effects of structures of HgX2 complexes (X = CF3SO3 and Cl) with chiral bidentate ligands on circular dichroism spectra. Dalton Transactions, 2013, 42, 3009.	3.3	2
36	Argentivorous Molecules Bearing Two Aromatic Side-Arms: Ag⁺â€Ï€ and CHâ‹¯Ï€ Interactions in the Solid State and in Solution. Inorganic Chemistry, 2013, 52, 2542-2549.	4.0	58

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37	Argentivorous molecules with two kinds of aromatic side-arms: intramolecular competition between side-arms. Dalton Transactions, 2013, 42, 8212.	3.3	26
38	The water-soluble argentivorous molecule: Ag+â€“Ï€ interactions in water. Organic and Biomolecular Chemistry, 2013, 11, 4265.	2.8	22
39	Combination of a New Chiroptical Probe and Theoretical Calculations for Chirality Detection of Primary Amines. Organic Letters, 2013, 15, 5738-5741.	4.6	21
40	Hg²⁺-Sensing System Based on Structures of Complexes. Organic Letters, 2012, 14, 1564-1567.	4.6	11
41	Argentivorous Molecules: Structural Evidence for Ag⁺â€“Ï€ Interactions in Solution. Organic Letters, 2012, 14, 4576-4579.	4.6	53
42	Anion-Controlled Circular Dichroism Spectral Changes in Hg²⁺ Complexes with a Chiral Bidentate Ligand. Inorganic Chemistry, 2012, 51, 7022-7024.	4.0	10
43	(R)â€(+)â€[VCD(â€“)984]â€4â€Ethylâ€4â€methyloctane: A Cryptochiral Hydrocarbon with a Quaternary Chiral Center. (1) Synthesis of the Enantiopure Compound and Unambiguous Determination of Absolute Configuration. European Journal of Organic Chemistry, 2010, 2010, 6372-6384.	2.4	18
44	(R)-(+)-[VCD(-)984]-4-Ethyl-4-methyloctane: A Cryptochiral Hydrocarbon with a Quaternary Chiral Center. (2) Vibrational CD Spectra of Both Enantiomers and Absolute Configurational Assignment. European Journal of Organic Chemistry, 2010, 2010, 6385-6392.	2.4	19
45	Synthesis of Enantiopure Aliphatic Acetylene Alcohols and Determination of Their Absolute Configurations by ¹H NMR Anisotropy and/or Xâ€ray Crystallography. European Journal of Organic Chemistry, 2008, 2008, 2313-2324.	2.4	18
46	Conformational Analysis of MÎ±NP Esters, Powerful Chiral Resolution and1H NMR Anisotropy Tools â€“ Aromatic Geometry and Solvent Effects on Î”Î´ Values. European Journal of Organic Chemistry, 2007, 2007, 1811-1826.	2.4	41
47	Crystalline-State Conformational Analysis of MÎ±NP Esters, Powerful Resolution and Chiral1H NMR Anisotropy Tools. European Journal of Organic Chemistry, 2007, 2007, 1827-1840.	2.4	31
48	A New Model of Light-Powered Chiral Molecular Motor with Higher Speed of Rotation, Part 1 - Synthesis and Absolute Stereostructure. European Journal of Organic Chemistry, 2005, 2005, 4533-4543.	2.4	34
49	A New Model of Light-Powered Chiral Molecular Motor with Higher Speed of Rotation, Part 2 - Dynamics of Motor Rotation. European Journal of Organic Chemistry, 2005, 2005, 4544-4556.	2.4	23
50	Concise Total Synthesis and Structure Assignment of TAN-1085. Angewandte Chemie - International Edition, 2004, 43, 3167-3171.	13.8	78
51	M?NP acid, a powerful chiral molecular tool for preparation of enantiopure alcohols by resolution and determination of their absolute configurations by the1H NMR anisotropy method. Chirality, 2004, 16, 569-585.	2.6	52
52	Crystalline State Conformation of 2-Methoxy-2-(1-naphthyl)propionic Acid Ester. Enantiomer, 2002, 7, 219-223.	0.5	17
53	Practical enantioresolution of alcohols with 2-methoxy-2-(1-naphthyl)propionic acid and determination of their absolute configurations by the1H NMR anisotropy method. Chirality, 2002, 14, 81-84.	2.6	55
54	2-Methoxy-2-(1-naphthyl)propionic acid, a powerful chiral auxiliary for enantioresolution of alcohols and determination of their absolute configurations by the 1H NMR anisotropy method. Tetrahedron: Asymmetry, 2000, 11, 1249-1253.	1.8	104