Ken-ichi Sugiura

List of Publications by Year
in descending order

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58	857	567281	501196
papers	citations	15	28
		h-index	g-index

59	59	59	857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A porphyrin square: synthesis of a square-shaped Ï€-conjugated porphyrin tetramer connected by diacetylene linkages. Chemical Communications, 2000, , 1105-1106.	4.1	97
2	Pyrene-Fused Porphyrins: Annulation Reactions ofmeso-Pyrenylporphyrins. Chemistry Letters, 2004, 33, 40-41.	1.3	87
3	AMandala-PatternedBandanna-Shaped Porphyrin Oligomer, C1244H1350N84Ni20O88, Having a Unique Size and Geometry. Chemistry Letters, 1999, 28, 1193-1194.	1.3	86
4	A Square Cyclic Porphyrin Dodecamer: Synthesis and Single-Molecule Characterization. Chemistry Letters, 2004, 33, 578-579.	1.3	58
5	Synthesis of the porphyrin-fused porphyrin, [2]porphyracene. Chemical Communications, 1999, , 1957-1958.	4.1	52
6	[2.2]Paracyclophane-Based Chiral Platforms for Circularly Polarized Luminescence Fluorophores and Their Chiroptical Properties: Past and Future. Frontiers in Chemistry, 2020, 8, 700.	3.6	37
7	Controlled Adsorption Orientation for Double-Decker Complexes. Journal of Physical Chemistry C, 2007, 111, 2077-2080.	3.1	35
8	Catalyst-Free Aromatic Nucleophilic Substitution of meso-Bromoporphyrins with Azide Anion: Efficient Synthesis and Structural Analyses of meso-Azidoporphyrins. Organic Letters, 2012, 14, 190-193.	4.6	32
9	Ï€-Expanded Axially Chiral Biaryls and Their Emissions: Molecular Design, Syntheses, Optical Resolution, Absolute Configuration, and Circularly Polarized Luminescence of 1,1â€²-Bipyrene-2,2â€²-diols. Chemistry Letters, 2015, 44, 1607-1609.	1.3	32
10	Systematic Synthesis of Porphyrin Dimers Linked by Conjugated Oligoacetylene Bridges. Chemistry Letters, 2003, 32, 694-695.	1.3	29
11	Fullerene C60 exhibiting a strong intermolecular interaction in a cocrystallite with C4 symmetrical cobalt tetrakis(di-tert-butylphenyl)porphyrin. Dalton Transactions RSC, 2001, , 2975-2980.	2.3	23
12	Selective meso-monobromination of 5,15-diarylporphyrins via organopalladium porphyrins. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1222-1227.	0.8	22
13	Facile Aromatic Finkelstein Iodination (AFI) Reaction in 1,3-Dimethyl-2-imidazolidinone (DMI). Synthetic Communications, 2012, 42, 170-175.	2.1	22
14	An Adventure in Macromolecular Chemistry Based on the Achievements of Dendrimer Science: Molecular Design, Synthesis, and Some Basic Properties of Cyclic Porphyrin Oligomers to Create a Functional Nano-Sized Space. Topics in Current Chemistry, 2003, 228, 65-85.	4.0	21
15	Unusual regioselective mercuration of metalloporphyrins and its potential applications. Chemical Communications, 2007, , 2046.	4.1	16
16	Synthesis, properties, molecular structure and electron transfer salts of 13,13,14,14-tetracyano-1,6- and -1,8-pyrenoquinodimethanes (1,6-TCNP and 1,8-TCNP). Journal of Materials Chemistry, 2000, 10, 315-319.	6.7	14
17	Molecular Design and Syntheses of Tetracyanoâ€5,10â€porphyrinquinodimethane Showing Stabilized LUMO. Chemistry - an Asian Journal, 2016, 11, 1004-1007.	3.3	13
18	Out-of-plane Dimer Structures and Magnetic Properties of Mn(III) Quadridentate Schiff Base Compounds with N , N â€²-(1, 1, 2, 2-Tetramethylethylene)bis(5-chlorosalicylideneiminato). Molecular Crystals and Liquid Crystals, 2002, 379, 171-178.	0.9	12

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19	Facile and Practical Synthesis of Platinum(II) Porphyrins under Mild Conditions. Chemistry Letters, 2015, 44, 492-494.	1.3	12
20	An Alternative Synthesis of Bipyrenol: A High-Yield Oxidative Coupling Reaction of a Pyrene Derivative with Cu(BF4)2Â·nH2O. Synthesis, 2017, 49, 3145-3148.	2.3	12
21	Oxidative Intramolecular Câ€“C Bond Formation Reaction of 1,2-Bis(pyren-2-yl)benzene: Synthesis and Characterization of Benzodinaphthopentaphene. Bulletin of the Chemical Society of Japan, 2015, 88, 1083-1085.	3.2	11
22	Synthesis, Optical Resolution, and Circularly Polarized Luminescence of an Axially Chiral Porphyrin Dimer. ChemistrySelect, 2018, 3, 3576-3581.	1.5	11
23	Oxo(porphyrinato)vanadium(IV) as a standard for geoporphyrins. Inorganica Chimica Acta, 2016, 439, 173-177.	2.4	10
24	Reactions of Mn(III) Quadridentate Schiff Base Compounds with TCNQ Anion to Form Unusual TCNQ Derivatives by Alcoholysis. Molecular Crystals and Liquid Crystals, 2002, 379, 197-204.	0.9	9
25	Synthesis and Structural Determination of a Porphyrinatoplatinum(II):meso-Tetrakis(4-t-butylphenyl)porphyrinatoplatinum(II). Bulletin of the Chemical Society of Japan, 2003, 76, 2123-2127.	3.2	9
26	Regioselective Oxidative Oligomerization Reaction of 2-tert-Alkylpyrene and Isolation of Structurally Well-defined 1,3-Pyrenylenes. Chemistry Letters, 2015, 44, 303-305.	1.3	9
27	Metal-Free Synthesis of meso-Aminoporphyrins through Reduction of meso-Azidoporphyrins Generated in Situ by Nucleophilic Substitution Reactions of meso-Bromoporphyrins. Journal of Organic Chemistry, 2016, 81, 11176-11184.	3.2	9
28	Oxidation of meso-Diarylporphyrins by a Hypervalent Iodine Compound: Facile Synthesis of meso-Acyloxyporphyrins and Dioxoporphodimethenes. Chemistry Letters, 2014, 43, 1049-1051.	1.3	8
29	Metal Complexes of 5,15â€Porphyrinquinones: Systematic Study of Crystal Structure, Electronic Structure, and Lewis Acidity. European Journal of Inorganic Chemistry, 2020, 2020, 3507-3516.	2.0	8
30	A proposal for a new porphine substitution motif aimed at advanced materials: introduction of 4-alkoxy-3,5-diisopropylphenyl groups on porphine. Journal of Porphyrins and Phthalocyanines, 2010, 14, 1040-1051.	0.8	7
31	Synthesis of Porphyrinquinone and Doublyâ€Fused Diporphyrin Quinone Through Oxidation of Diarylporphyrins Using a Hypervalent Iodine Compound. Chemistry - an Asian Journal, 2020, 15, 3037-3043.	3.3	7
32	Versatile and Catalystâ€Free Methods for the Introduction of Groupâ€16 Elements at themesoâ€Positions of Diarylporphyrins. Asian Journal of Organic Chemistry, 2018, 7, 2468-2478.	2.7	6
33	Syntheses of a pyrene-based Ï€-expanded ligand and the corresponding platinum(II) complex, bis[2-[(octylimino)methyl]-1-pyrenolato-N,O] platinum(II). Inorganica Chimica Acta, 2015, 432, 103-108.	2.4	5
34	Photochemical reaction of anthracene with dioxygen catalyzed by platinum(II) porphyrin. Tetrahedron Letters, 2019, 60, 151081.	1.4	5
35	Thermal reductive disproportionation of 3,3â€²,5,5â€²-tetraphenyldiphenoquinone with drastic color change: Potential prototype of data storage advanced materials. ChemistrySelect, 2016, 1, 3784-3790.	1.5	4
36	Functionalization of Bipyrenol: Potential Precursors for Advanced Chiral Molecules. Synthesis, 2020, 52, 3452-3460.	2.3	4

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37	Nuclear Magnetic Shielding and Aromaticity of [18]Annulene and Its Quasi-MÃ¶bius-Type Analogues. Bulletin of the Chemical Society of Japan, 2011, 84, 845-854.	3.2	3
38	Oligomerization Reactions of Bis(ethynyl)tetraphenylporphyrin Derivatives by Glaserâ€“Hay Coupling Reaction: Isolation and Characterization of Dimer, Trimer, and Tetramer. Synthesis, 2016, 48, 2461-2465.	2.3	3
39	Unexpected phenyl group rearrangement of Thieleâ€™s hydrocarbon derivative under polycyclic aromatic hydrocarbon synthesis. Tetrahedron Letters, 2018, 59, 4251-4254.	1.4	3
40	Efficient Synthesis of Arylenedioxyâ€Bridged Porphyrin Dimers through Catalystâ€Free Nucleophilic Aromatic Substitution. ChemPlusChem, 2020, 85, 217-226.	2.8	3
41	Metal complexes of Iâ€expanded ligands (2): Synthesis and characterizations of bis[2-[(octylimino)methyl]-1-pyrenolato-N,O] palladium(II) and the stabilized vacant <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>d</mml:mi></mml:mrow><mml:mrow><mml:msup><mml:mrow><mml:mi> Polyhedron, 2015, 102, 69-74.	2.2	2
42	Crystal Structure of Dinaphtho[2,1,1â€²,2â€²]furan Picrate. X-ray Structure Analysis Online, 2019, 35, 69-71.	0.2	2
43	Stepwise Synthesis of Structurally Well-defined Porphyrin Wires Connected by Platinum Acetylides. Chemistry Letters, 2015, 44, 1226-1228.	1.3	1
44	Pyrenâ€2â€ylâ€Substituted Biphenoquinone and pâ€Benzoquinone: Pyrenâ€2â€yl as a Weak Electronâ€Withdrawing Substituent. ChemistrySelect, 2016, 1, 6859-6865.	1.5	1
45	Synthesis of 3,3â€²â€²,5,5â€²â€²-Tetraphenyl-4,4â€²â€²-terphenoquinone and Its Reductive Disproportionation Reaction. ChemistrySelect, 2016, 1, 4137-4142.	1.5	1
46	Syntheses, structural characterization, and basic properties of unsymmetrically substituted biphenoquinones. Journal of Molecular Structure, 2018, 1156, 559-563.	3.6	1
47	Syntheses and characterization of 1- and 2-hydroxypyren-coordinated Sn(IV) porphyrins: Transmission-like motion of alcoholato-coordinated Sn(IV) porphyrin. Polyhedron, 2019, 171, 128-136.	2.2	1
48	butterfly-shaped Thiele's hydrocarbon derivative. Tetrahedron, 2019, 75, 357-362.	1.9	1
49	Remote Steric Effect Propagation through Naphthalene Hydrogens and/or Molecular Skeleton: Structural Determination of Brominated Product of Dinaphtho[2,1â€b:1â€²,2â€²â€d]furan. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	1
50	Nuclear Magnetic Shielding and Aromaticity of [18]Annulene and Its Quasi-MÃ¶bius-Type Analogues. Bulletin of the Chemical Society of Japan, 2012, 85, 1244-1244.	3.2	0
51	Basic Photophysical Properties of meso-Bis(pyren-2-yl)porphyrin: An Isomer of Pyrene-Substituted Porphyrins. Synthesis, 2017, 49, 2182-2186.	2.3	0
52	Synthesis of Tetra(3â€thienyl)biphenoquinone and its Charge Transfer Complex with Perylene. Asian Journal of Organic Chemistry, 2018, 7, 171-178.	2.7	0
53	Unexpected Oxidation Reaction of 1,6â€Diarylpyrene withCu(BF₄)₂â‹…nH₂O Affording Pyrenequinones. ChemistrySelect, 2019, 4, 279-284.	1.5	0
54	Crystal Structure of 3-(3-Methyl-1<i>H</i>-indole-1-yl)phthalonitrile. X-ray Structure Analysis Online, 2020, 36, 11-13.	0.2	0

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55	Oxidative Intramolecular Câ€“C Bond Formation Reactions of 1,2-Diarylbenzenes: Syntheses of Highly Conjugated Double-Bridged Polycyclic Aromatic Hydrocarbons. Synthesis, 0, , .	2.3	0
56	Crystal Structure Refinement of 1,4,5,8-Tetrabromonaphthalene: A Twisted Chiral Naphthalene Induced by Steric Repulsion. X-ray Structure Analysis Online, 2020, 36, 35-37.	0.2	0
57	Conductive gold nanoparticle assembly linked through interactions between the radical cations of ethylene- and propylene-3,4-dioxythiophene mixed tetramer thiolate. Materials Advances, 2022, 3, 2056-2062.	5.4	0
58	Pyreneâ€Fused Furan: Simple Synthesis of Ï€â€Expanded Heterohelicene. ChemistrySelect, 2022, 7, .	1.5	0