

Soichiro Kyushin

List of Publications by Year in descending order

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64
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331670

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#	ARTICLE	IF	CITATIONS
1	Ruthenium-catalyzed hydrosilylation of alkynes with preservation of the Si-Si bond of hydrooligosilanes: Regio- and stereoselective synthesis of (Z)-alkenyloligosilanes and carbonyl-functionalized alkenyldisilanes. <i>Journal of Organometallic Chemistry</i> , 2022, 961, 122234.	1.8	3
2	Improvement of the fluorescence quantum yield of triphenylene by the rotational effect of 4-(trimethylsilyl)phenyl groups. <i>Mendeleev Communications</i> , 2022, 32, 87-90.	1.6	3
3	Cooperation of π - π^* Conjugation in the UV/Vis and Fluorescence Spectra of 9,10-Disilylanthracene. <i>Molecules</i> , 2022, 27, 2241.	3.8	2
4	Transition Metal-Catalyzed Selective Functionalization of Oligosilanes without Si-Si Bond Cleavage. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 574-582.	0.1	0
5	Reply to: A double bond with weak π - and strong π -interactions is still a double bond. <i>Nature Communications</i> , 2021, 12, 4036.	12.8	4
6	Clusterization Effect on the ^{29}Si NMR Signal of a Spiro Silicon Atom. <i>Organometallics</i> , 2021, 40, 2852-2858.	2.3	3
7	Ruthenium-catalyzed hydrosilylation of alkynes by using hydrooligosilanes without Si-Si bond cleavage. <i>Tetrahedron Letters</i> , 2020, 61, 152274.	1.4	7
8	Silicon-silicon single bond. <i>Nature Communications</i> , 2020, 11, 4009.	12.8	40
9	Oxygen-Free Poly(dimethylsilylene). <i>Organometallics</i> , 2020, 39, 4651-4656.	2.3	1
10	A Six-coordinate Silicon Dihydride Embedded in a Porphyrin: Enhanced Hydride Donor Properties and the Catalyst-free Hydrosilylation of CO ₂ . <i>Chemistry - A European Journal</i> , 2020, 26, 15811-15815.	3.3	5
11	Effects of Perpendicular Aryl Groups on Electronic Properties and Complexation of 4,4-Dihydrodithienosilole. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1039-1046.	3.2	0
12	Synthesis, structures, and reactivity of 9,9-dialkoxy-9-silaflorenes. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.7	0
13	Stepwise Introduction of Different Substituents to β -Chloro- γ -hydrooligosilanes: Convenient Synthesis of Unsymmetrically Substituted Oligosilanes. <i>Inorganics</i> , 2018, 6, 99.	2.7	8
14	Synthesis, Structures, and Electronic Properties of Dithienosiloles Bearing Bulky Aryl Groups: Conjugation between a π -Electron System and π -Perpendicular Aryl Groups. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 737-745.	2.7	7
15	Decasilahexahydrotriquinacene and Decasilaisotwistane: π Conjugation on a Bowl Surface. <i>Journal of the American Chemical Society</i> , 2017, 139, 3982-3985.	13.7	19
16	Synthesis and structures of lithium alkoxytris(dimethylphenylsilyl)borates. <i>Dalton Transactions</i> , 2017, 46, 8705-8708.	3.3	4
17	Ruthenium-catalyzed alkoxylation of a hydrodisilane without Si-Si bond cleavage. <i>Tetrahedron Letters</i> , 2017, 58, 9-12.	1.4	7
18	Organosilicon Clusters. , 2017, , 69-144.		9

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19	Construction of a Planar Tetrapalladium Cluster by the Reaction of Palladium(0) Bis(isocyanide) with Cyclic Tetrasilane. <i>Inorganics</i> , 2017, 5, 84.	2.7	13
20	The Radical Anion of Cyclopentasilane-Fused Hexasilabenzvalene. <i>Chemistry - A European Journal</i> , 2016, 22, 134-137.	3.3	12
21	An Isolable Radical Anion of an Organosilicon Cluster Containing Only σ Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7833-7836.	13.8	8
22	An Isolable Radical Anion of an Organosilicon Cluster Containing Only σ Bonds. <i>Angewandte Chemie</i> , 2015, 127, 7944-7947.	2.0	6
23	Synthesis and Properties of 5,10,15,20-Tetrakis(4-trimethylsilylphenyl)chlorin. <i>Heteroatom Chemistry</i> , 2014, 25, 514-517.	0.7	6
24	Studies on the Detailed Structure of Poly(dimethylsilylene). <i>Organometallics</i> , 2014, 33, 6298-6304.	2.3	12
25	Tetrasilane-Bridged Bicyclo[4.1.0]heptasil-1(6)-ene. <i>Journal of the American Chemical Society</i> , 2014, 136, 12896-12898.	13.7	35
26	Silylation Improves the Photodynamic Activity of Tetraphenylporphyrin Derivatives In Vitro and In Vivo. <i>Chemistry - A European Journal</i> , 2014, 20, 6054-6060.	3.3	26
27	Two Pentasilahousanes Fused Together. <i>Chemistry - A European Journal</i> , 2014, 20, 9263-9266.	3.3	10
28	Effect of Ring Sizes of Cyclooligosilanes on Construction of Organosilicon Clusters. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1290-1297.	0.1	6
29	Selective catalytic monoreduction of dichlorooligosilanes with Grignard reagents. <i>Tetrahedron Letters</i> , 2013, 54, 6940-6943.	1.4	6
30	Cyclopentasilane-Fused Hexasilabenzvalene. <i>Journal of the American Chemical Society</i> , 2013, 135, 16340-16343.	13.7	64
31	An Organosilicon Cluster with an Octasilacuneane Core: A Missing Silicon Cage Motif. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2507-2510.	13.8	43
32	A ladder polysilane as a template for folding palladium nanosheets. <i>Nature Communications</i> , 2013, 4, 2014.	12.8	36
33	1,1,3,3-Tetra- <i>tert</i> -butyl-2,2-diisopropyl-4,4-diphenylcyclo-tetrasilane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o149-o149.	0.2	2
34	Synthesis of Silyl-substituted Anthracene Derivatives via Birch-type Silylation. <i>Chemistry Letters</i> , 2013, 42, 112-114.	1.3	5
35	Synthesis, Structure, and Electronic Properties of Benzohexasilabicyclo[2.2.2]octene. <i>Chemistry Letters</i> , 2013, 42, 250-252.	1.3	6
36	A Light-emitting Liquid Crystal Containing <i>p</i> -Terphenyl and an Alkylsilyl Group. <i>Chemistry Letters</i> , 2012, 41, 307-309.	1.3	7

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37	Hyperchromic Effect of Silyl Groups on the UV-Visible Spectrum of 5,10,15,20-Tetraphenylporphyrin. <i>Chemistry Letters</i> , 2009, 38, 324-325.	1.3	21
38	Selective Si-C Bond Cleavage on a Diorganosilicon Porphyrin Complex Bearing Different Axial Ligands. <i>Chemistry Letters</i> , 2009, 38, 362-363.	1.3	11
39	Excited-state Property of 1-(4-Cyanophenyl)-2-(4-methoxyphenyl)-1,1,2,2-tetramethyldisilane. <i>Chemistry Letters</i> , 2007, 36, 1168-1169.	1.3	12
40	2,3,4,5-Tetrakis(dimethylsilyl)thiophene: The First 2,3,4,5-Tetrasilylthiophene. <i>Organometallics</i> , 2006, 25, 2761-2765.	2.3	36
41	Hexa-, Hepta-, and Octacyclic Ladder Polysilanes. <i>Chemistry Letters</i> , 2006, 35, 182-183.	1.3	11
42	Yellow-green Fluorescence of 5,11- and 5,12-Bis(diisopropylsilyl)naphthalenes. <i>Chemistry Letters</i> , 2006, 35, 64-65.	1.3	40
43	(trans-1,2,2,3,4,4-Hexa-tert-butyl-1,3-cyclotetrasilanediy)- dipotassium: Supramolecular Structure of the Silylpotassium-Benzene Complex. <i>Organometallics</i> , 2004, 23, 311-313.	2.3	19
44	Ladder Polysilanes. <i>Advances in Organometallic Chemistry</i> , 2003, 49, 133-166.	1.0	27
45	2,3,6,7,10,11-Hexakis(dimethylsilyl)triphenylene. <i>Chemistry Letters</i> , 2003, 32, 1048-1049.	1.3	39
46	1,2,9,10,17,18,25,26,27,28,35,36,37,38,39,40-Hexadecasil[28](1,2,4,5)-cyclophane and its open-chain homologs. <i>Chemical Communications</i> , 2001, , 2714-2715.	4.1	11
47	Observation of Highly Stable Radical Anions of Ladder Oligosilanes. <i>Chemistry Letters</i> , 2000, 29, 1420-1421.	1.3	12
48	Syntheses, structures, and properties of ladder oligosilanes and ladder oligogermanes. <i>Journal of Organometallic Chemistry</i> , 2000, 611, 52-63.	1.8	37
49	Highly Planar Silane [(i-Pr) ₃ Si] ₃ SiH and Silyl Radical [(i-Pr) ₃ Si] ₃ Si·. <i>Chemistry Letters</i> , 1998, 27, 107-108.	1.3	31
50	Benzo[1,2:4,5]bis(1,1,2,2-tetraisopropylidisilacyclobutene). <i>Chemistry Letters</i> , 1998, 27, 471-472.	1.3	23
51	Synthesis, Structures, and Isomerization of 9,10-Di-tert-butyl-9,10-dihydro-9,10-disilanthracenes. <i>Organometallics</i> , 1997, 16, 3800-3804.	2.3	22
52	Highly Stable Silyl Radicals (EtnMe _{3-n} Si) ₃ Si· (n= 1~3). <i>Organometallics</i> , 1997, 16, 5386-5388.	2.3	38
53	Synthesis and Electronic Properties of 9,10-Disilanthracenes. <i>Organometallics</i> , 1996, 15, 1067-1070.	2.3	120
54	Hepta-tert-butylcyclotetrasilane: a highly crowded cyclotetrasilane. <i>Journal of Organometallic Chemistry</i> , 1995, 499, 235-240.	1.8	18

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55	Luminescence properties of a cubic silicon cluster octasilacubane. <i>Physical Review B</i> , 1995, 51, 10666-10670.	3.2	34
56	Optical Properties of Silicon-Based Polymers with Different Backbone Structures. <i>ACS Symposium Series</i> , 1995, , 425-432.	0.5	2
57	Ring-opening reaction of octakis(1,1,2-trimethylpropyl)octasilacubane Chlorination with PCl_5 leading to stereoisomeric 4,8-dichlorooctakis(1,1,2-trimethylpropyl)tetracyclo[3.3.0.0.2,7.03,6]octasilanes. <i>Organometallics</i> , 1994, 13, 4633-4640.	2.3	37
58	Synthesis and Structure of all-trans-1,2,3,4-Tetra-tert-butyl-1,2,3,4-tetrachlorocyclotetrasilane. <i>Organometallics</i> , 1994, 13, 795-801.	2.3	16
59	anti-1,2,5,6-Tetra-tert-butyl-3,3,4,4,7,7,8,8-octaisopropyltricyclo[4.2.0.02,5]octasilane. <i>Chemistry Letters</i> , 1994, 23, 997-1000.	1.3	18
60	Optical Properties of Porous Silicon and Small Silicon Clusters: Search for the Origin of Visible Photoluminescence of Porous Silicon. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 408-410.	1.5	12
61	Visible photoluminescence of silicon-based nanostructures: Porous silicon and small silicon-based clusters. <i>Applied Physics Letters</i> , 1992, 61, 2446-2448.	3.3	82
62	Octakis(1,1,2-trimethylpropyl)octasilacubane: Synthesis, Molecular Structure, and Unusual Properties. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1354-1356.	4.4	109
63	Octakis(1,1,2-trimethylpropyl)octasilacuban: Synthese, Struktur und ungewöhnliche Eigenschaften. <i>Angewandte Chemie</i> , 1992, 104, 1410-1412.	2.0	35
64	Electron spin resonance study on radicals stabilized by the captodative effect. <i>Journal of Physical Organic Chemistry</i> , 1988, 1, 197-207.	1.9	5