Soji Shimizu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3441467/publications.pdf

Version: 2024-02-01

99 papers	4,228 citations	81900 39 h-index	118850 62 g-index
115 all docs	115 docs citations	115 times ranked	2510 citing authors

#	Article	IF	Citations
1	Gramâ€Scale Synthesis of Nickel(II) Norcorrole: The Smallest Antiaromatic Porphyrinoid. Angewandte Chemie - International Edition, 2012, 51, 8542-8545.	13.8	201
2	Nonlinear Optical Properties and Excited-State Dynamics of Highly Symmetric Expanded Porphyrins. Journal of the American Chemical Society, 2006, 128, 14128-14134.	13.7	171
3	Comparative Photophysics of [26]- and [28]Hexaphyrins(1.1.1.1.1.1):Â Large Two-Photon Absorption Cross Section of Aromatic [26]Hexaphyrins(1.1.1.1.1.1). Journal of the American Chemical Society, 2005, 127, 12856-12861.	13.7	142
4	Recent Advances in Subporphyrins and Triphyrin Analogues: Contracted Porphyrins Comprising Three Pyrrole Rings. Chemical Reviews, 2017, 117, 2730-2784.	47.7	134
5	meso-Trifluoromethyl-Substituted Expanded Porphyrins. Chemistry - A European Journal, 2006, 12, 4909-4918.	3.3	132
6	Metalation Chemistry of meso â€Arylâ€Substituted Expanded Porphyrins. European Journal of Inorganic Chemistry, 2006, 2006, 1319-1335.	2.0	127
7	Pyrrolopyrrole aza-BODIPY analogues: a facile synthesis and intense fluorescence. Chemical Communications, 2013, 49, 1621.	4.1	123
8	Synthesis and Spectroscopic Properties of Fusedâ€Ringâ€Expanded Azaâ€Boradiazaindacenes. Chemistry - an Asian Journal, 2011, 6, 1026-1037.	3.3	116
9	Perfluorinatedmeso-Aryl-Substituted Expanded Porphyrins. Angewandte Chemie - International Edition, 2003, 42, 78-82.	13.8	106
10	Stacked antiaromatic porphyrins. Nature Communications, 2016, 7, 13620.	12.8	105
11	Thermal Splitting of Bis-Cu(II) Octaphyrin(1.1.1.1.1.1.1.1) into Two Cu(II) Porphyrins. Journal of the American Chemical Society, 2004, 126, 3046-3047.	13.7	101
12	Rational Molecular Design towards Vis/NIR Absorption and Fluorescence by using Pyrrolopyrrole azaâ€BODIPY and its Highly Conjugated Structures for Organic Photovoltaics. Chemistry - A European Journal, 2015, 21, 2893-2904.	3.3	88
13	Biscopper Complexes ofmeso-Aryl-Substituted Hexaphyrin:Â Gable Structures and Varying Antiferromagnetic Coupling. Journal of the American Chemical Society, 2004, 126, 12280-12281.	13.7	85
14	Ring size selective synthesis of meso-aryl expanded porphyrins. Tetrahedron Letters, 2003, 44, 2505-2507.	1.4	84
15	Group 10 Metal Complexes ofmeso-Aryl-Substituted [26]Hexaphyrins with a Metalâ^'Carbon Bond. Inorganic Chemistry, 2005, 44, 4127-4129.	4.0	84
16	Synthesis of N,N-difluoroboryl complexes of 3,3â€²-diarylazadiisoindolylmethenes. Tetrahedron Letters, 2008, 49, 6152-6154.	1.4	82
17	Internally 1,4-Phenylene-Bridgedmeso Aryl-Substituted Expanded Porphyrins: The Decaphyrin and Octaphyrin Cases. Angewandte Chemie - International Edition, 2005, 44, 7244-7248.	13.8	77
18	Three-dimensional aromaticity in an antiaromatic cyclophane. Nature Communications, 2019, 10, 3576.	12.8	73

#	Article	IF	Citations
19	N-Fused Pentaphyrins and Their Rhodium Complexes: Oxidation-Induced Rhodium Rearrangement. Chemistry - A European Journal, 2005, 11, 2417-2425.	3.3	70
20	meso-Aryl-Substituted [26]Hexaphyrin(1.1.0.1.1.0) and [38]Nonaphyrin(1.1.0.1.1.0.1.1.0) from Oxidative Coupling of a Tripyrrane. Angewandte Chemie - International Edition, 2005, 44, 2225-2229.	13.8	68
21	Asymmetric core-expanded aza-BODIPY analogues: facile synthesis and optical properties. Chemical Communications, 2015, 51, 1713-1716.	4.1	68
22	Pyrene-fused subphthalocyanine. Chemical Communications, 2011, 47, 316-318.	4.1	67
23	Perfluorinated meso-Aryl-Substituted Expanded Porphyrins. Angewandte Chemie, 2003, 115, 82-86.	2.0	59
24	Chiral 1,2-Subnaphthalocyanines. Journal of the American Chemical Society, 2011, 133, 17322-17328.	13.7	57
25	Benzo[c,d]indoleâ€Containing Azaâ€BODIPY Dyes: Asymmetrizationâ€Induced Solidâ€State Emission and Aggregationâ€Induced Emission Enhancement as New Properties of a Wellâ€Known Chromophore. Chemistry - A European Journal, 2015, 21, 12996-13003.	3.3	56
26	aza-BODIPY synthesis towards vis/NIR functional chromophores based on a Schiff base forming reaction protocol using lactams and heteroaromatic amines. Chemical Communications, 2019, 55, 8722-8743.	4.1	56
27	Structurally-modified subphthalocyanines: molecular design towards realization of expected properties from the electronic structure and structural features of subphthalocyanine. Chemical Communications, 2014, 50, 6949-6966.	4.1	55
28	Regioselective nucleophilic substitution reaction of meso-hexakis(pentafluorophenyl) substituted [26]hexaphyrin. Tetrahedron Letters, 2003, 44, 4597-4601.	1.4	54
29	[40]Nonaphyrin(1.1.1.1.1.1.1.1.1) and Its Heterometallic Complexes with Palladiumâ€“Carbon Bonds. Chemistry - A European Journal, 2007, 13, 1620-1628.	3.3	53
30	mesoâ€Aryl Substituted Rubyrin and Its Higher Homologues: Structural Characterization and Chemical Properties. Chemistry - A European Journal, 2008, 14, 2668-2678.	3.3	53
31	Rectangular-Shaped Expanded Phthalocyanines with Two Central Metal Atoms. Journal of the American Chemical Society, 2012, 134, 3411-3418.	13.7	52
32	Effects of Carbonâ€“Metalâ€“Carbon Linkages on the Optical, Photophysical, and Electrochemical Properties of Phosphametallacycle-Linked Coplanar Porphyrin Dimers. Journal of the American Chemical Society, 2012, 134, 1825-1839.	13.7	50
33	Group 12 Metal Complexes of [26]Hexaphyrin(1.1.1.1.1.1). Inorganic Chemistry, 2007, 46, 4374-4376.	4.0	48
34	Solvent- and Temperature-Dependent Conformational Changes between HÃ¼ckel Antiaromatic and MÃ¶bius Aromatic Species in meso-Trifluoromethyl Substituted [28]Hexaphyrins. Journal of Physical Chemistry B, 2011, 115, 14928-14937.	2.6	47
35	meso-Aryl tribenzosubporphyrinâ€”a totally substituted subporphyrin species. Chemical Communications, 2008, , 2109.	4.1	43
36	Dearomatization-Induced Transannular Cyclization: Synthesis of Electron-Accepting Thiophene-S,S-Dioxide-Fused Biphenylene. Journal of the American Chemical Society, 2014, 136, 8738-8745.	13.7	43

#	Article	IF	Citations
37	Dicopper and Disilver Complexes of Octaphyrin(1.1.1.1.1.1.1.1): Reversible Hydrolytic Cleavage of the Pyrrolic Ring to a Keto-Imine. Angewandte Chemie - International Edition, 2005, 44, 3726-3729.	13.8	41
38	Ring-fused porphyrins: extension of Ï€-conjugation significantly affects the aromaticity and optical properties of the porphyrin Ï€-systems and the Lewis acidity of the central metal ions. Physical Chemistry Chemical Physics, 2015, 17, 15001-15011.	2.8	41
39	Axial Ligand Exchange Reactions ofmeso-Aryl Subporphyrinsâ€"Axially Fluoro-Substituted Subporphyrin and a Ï¼-Oxo Dimer and Trimer of Subporphyrins. Inorganic Chemistry, 2009, 48, 7885-7890.	4.0	40
40	Blackening of aza-BODIPY analogues by simple dimerization: panchromatic absorption of a pyrrolopyrrole aza-BODIPY dimer. Materials Chemistry Frontiers, 2018, 2, 112-120.	5.9	40
41	Rational Synthesis of Antiaromatic 5,15â€Dioxaporphyrin and Oxidation into Î²,Î²â€Linked Dimers. Angewandte Chemie - International Edition, 2018, 57, 9728-9733.	13.8	37
42	Rational design of pyrrolopyrrole-aza-BODIPY-based acceptorâ€"donorâ€"acceptor triads for organic photovoltaics application. Chemical Communications, 2020, 56, 2975-2978.	4.1	35
43	Efficient Electrogenerated Chemiluminescence of Pyrrolopyrrole Aza-BODIPYs in the Near-Infrared Region with Tripropylamine: Involving Formation of S₂ and T₂ States. Journal of the American Chemical Society, 2019, 141, 11791-11795.	13.7	34
44	Conformational Changes of meso-Aryl Substituted Expanded Porphyrins upon Protonation: Effects on Photophysical Properties and Aromaticity. Journal of Physical Chemistry B, 2009, 113, 5794-5802.	2.6	33
45	meso-Trifluoromethyl-substituted Subporphyrin from Ring-splitting Reaction of meso-Trifluoromethyl-substituted [32]Heptaphyrin(1.1.1.1.1.1.1). Chemistry Letters, 2010, 39, 439-441.	1.3	33
46	Polymeric Self-Assemblies with Boron-Containing Near-Infrared Dye Dimers for Photoacoustic Imaging Probes. Biomacromolecules, 2017, 18, 249-256.	5.4	33
47	An Electronâ€Accepting azaâ€BODIPYâ€Based Donorâ€"Acceptorâ€"Donor Architecture for Bright NIR Emission. Chemistry - A European Journal, 2021, 27, 5259-5267.	3.3	33
48	A Coreâ€Expanded Subphthalocyanine Analogue with a Significantly Distorted Conjugated Surface and Unprecedented Properties. Angewandte Chemie - International Edition, 2014, 53, 2408-2412.	13.8	29
49	meso-aryl expanded porphyrins: synthesis, structures, and coordination chemistry. Journal of Porphyrins and Phthalocyanines, 2004, 08, 175-181.	0.8	28
50	Subazaphenalenephthalocyanine: A Subphthalocyanine Analogue Bearing a Sixâ€Membered Ring Unit. Angewandte Chemie - International Edition, 2010, 49, 8000-8003.	13.8	28
51	Coreâ€Modified Rubyrins Containing Dithienylethene Moieties. Angewandte Chemie - International Edition, 2014, 53, 6563-6567.	13.8	27
52	Pyreneâ€Bridged Boron Subphthalocyanine Dimers: Combination of Planar and Bowlâ€Shaped Ïâ€Conjugated Systems for Creating Uniquely Curved Ïâ€Conjugated Systems. Chemistry - A European Journal, 2016, 22, 7706-7710.	3.3	25
53	Tetrathiafulvaleneâ€Annulated Subphthalocyanines. Chemistry - A European Journal, 2013, 19, 7324-7327.	3.3	24
54	Synthesis and properties of Î²,Î²-sp3-hybridized subphthalocyanine analogues. Chemical Communications, 2012, 48, 4100.	4.1	23

#	Article	IF	Citations
55	Sizeable red-shift of absorption and fluorescence of subporphyrazine induced by peripheral push and pull substitution. Chemical Communications, 2014, 50, 13781-13784.	4.1	21
56	Near-infrared absorbing pyrrolopyrrole aza-BODIPY-based donorâ€“acceptor polymers with reasonable photoresponse. Journal of Materials Chemistry C, 2020, 8, 8770-8776.	5.5	19
57	Azaphenalene Phthalocyanines: Phthalocyanine Analogues with Sixâ€Memberedâ€Ring Units Instead of Fiveâ€Memberedâ€Ring Units. Chemistry - A European Journal, 2010, 16, 11151-11159.	3.3	18
58	Pyrrolopyrrole Azaâ€BODIPY Analogues as Nearâ€Infrared Chromophores and Fluorophores: Redâ€Shift Effects of Substituents on Absorption and Emission Spectra. ChemPlusChem, 2019, 84, 1648-1652.	2.8	18
59	Gold(II) Phthalocyanine Revisited: Synthesis and Spectroscopic Properties of Gold(III) Phthalocyanine and an Unprecedented Ring-Contracted Phthalocyanine Analogue. Chemistry - A European Journal, 2012, 18, 12404-12410.	3.3	17
60	Facile synthesis of dimeric aza-BODIPY analogues from electron-deficient bislactams and their intriguing optical and electrochemical properties. Tetrahedron Letters, 2017, 58, 3151-3154.	1.4	17
61	1,3-Dithiole-2-one-Fused Subphthalocyanine and Subporphyrazine: Synthesis and Properties Arising from the 1,3-Dithiole-2-one Units. Organic Letters, 2019, 21, 3103-3107.	4.6	17
62	Nâ€Confused Porphyrinâ€azaâ€Dipyrrin Chimera: A Versatile Metal Coordination Ligand Using its Unique NH Tautomerism. Chemistry - an Asian Journal, 2019, 14, 1697-1702.	3.3	16
63	Synthesis of 5,10,15-triazaporphyrinsâ€”effect of benzo-annulation on the electronic structures. Chemical Communications, 2012, 48, 3851.	4.1	14
64	The First Silicon(IV) Corrole Complexes: Synthesis, Structures, Properties, and Formation of a Î¼â€Oxo Dimer. Chemistry - A European Journal, 2018, 24, 7637-7646.	3.3	14
65	A Î¼-oxo hetero dimer of silicon phthalocyanine and naphthalocyanine. Chemical Communications, 2013, 49, 8341.	4.1	13
66	Cyclophanes Containing Bowlâ€Shaped Aromatic Chromophores: Three Isomers of antiâ€[2.2](1,4)Subphthalocyaninophane. Angewandte Chemie - International Edition, 2015, 54, 5187-5191.	13.8	13
67	Azepiphthalocyanineâ€”an unprecedented large twist of a Ï€-conjugation system upon core-modification with a seven-membered ring unit. Chemical Communications, 2011, 47, 3072.	4.1	12
68	Rational Synthesis of Antiaromatic 5,15â€Dioxaporphyrin and Oxidation into Î²,Î²â€Linked Dimers. Angewandte Chemie, 2018, 130, 9876-9881.	2.0	12
69	Control of Chromophore Symmetry by Positional Isomerism of Peripheral Substituents. Chemistry - A European Journal, 2014, 20, 4822-4828.	3.3	11
70	Oxidative nitration reaction of antiaromatic 5,15-dioxaporphyrin. Journal of Porphyrins and Phthalocyanines, 2020, 24, 355-361.	0.8	11
71	Copper 1,19â€Diazaâ€21,24â€dicarbacorrole: A Corrole Analogue with an Nâˆ’N Linkage Stabilizes a Groundâ€State Singlet Organocopper Species. Angewandte Chemie - International Edition, 2020, 59, 15897-15901.	13.8	11
72	Supramolecular dimeric structures of pyrazole-containing meso-oxo carbaphlorin analogues. Supramolecular Chemistry, 2017, 29, 8-16.	1.2	10

#	Article	IF	Citations
73	Bis(1,3â€dithiolâ€2â€ylidene)â€Substituted Subtriazachlorin: Aâ€‰Subphthalocyanine Analogue with Redox Properties. Angewandte Chemie - International Edition, 2019, 58, 10975-10979.	13.8	10
74	Synthesis and properties of redoxâ€switchable zinc complexes of 10,15,20â€triarylâ€15â€azaâ€5â€oxaporphyrin. Heteroatom Chemistry, 2018, 29, .	0.7	9
75	Core-modified phthalocyanine analogues with a seven-membered ring unit in place of a five-membered ring unit. Tetrahedron Letters, 2012, 53, 579-581.	1.4	8
76	Tungsten(VI) Complex of Nâ€Fused Porphyrin Absorbing Nearâ€Infrared Light beyond 1000â€‰nm. Chemistry - an Asian Journal, 2020, 15, 748-752.	3.3	8
77	Core-Modified Phthalocyanines and Subphthalocyanines: a Synthetic Strategy towards Core-Modification and Novel Properties Arising from the Inner Ring-Expansion. Macroheterocycles, 2015, 8, 332-342.	0.5	8
78	Highly deformed phthalocyanine as a suitable scaffold for pristine fullerenes. CrystEngComm, 2013, 15, 3759.	2.6	7
79	TTFâ€Annulated Silicon Phthalocyanine Oligomers and Their Externalâ€Stimuliâ€Responsive Orientational Ordering. Angewandte Chemie - International Edition, 2020, 59, 22721-22730.	13.8	7
80	5,15-Diheteroporphyrins Synthesized from Î±,Î±'-Dihalodipyrrin as a Key Building Block. Heterocycles, 2020, 100, 1123.	0.7	7
81	Phenyleneâ€Bridged Expanded Porphyrazines. ChemPlusChem, 2017, 82, 1021-1024.	2.8	6
82	Subphthalocyanine-Stoppered [2]Rotaxanes: Synthesis and Size/Energy Threshold of Slippage. Organic Letters, 2020, 22, 1096-1101.	4.6	6
83	Effect of peripheral fused ring substitution on the optical spectroscopy and electronic structure of metal phthalocyanine complexes. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1053-1062.	0.8	5
84	para-Benzihemiporphyrazine and Its Expanded [3 + 3]-type Analogue. Chemistry Letters, 2012, 41, 702-704.	1.3	5
85	Expanded dipyrrins with electron-withdrawing substituents: broad range of absorption in the visible region. Tetrahedron Letters, 2014, 55, 256-258.	1.4	5
86	A novel isoindole-containing polyaromatic hydrocarbon unexpectedly formed during the synthesis of meso-2,6-dichlorophenyl-substituted tribenzosubporphyrin. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1049-1054.	0.8	5
87	Bis(1,3â€dithiolâ€2â€ylidene)â€Substituted Subtriazachlorin: Aâ€‰Subphthalocyanine Analogue with Redox Properties. Angewandte Chemie, 2019, 131, 11091-11095.	2.0	4
88	Nickel and palladium complexes of seco-tribenzoporphyrazines derived from one-pot condensation of 1,3-diiminoisoindoline. Tetrahedron Letters, 2013, 54, 1599-1601.	1.4	3
89	Periphery-Fused Chiral A2B-Type Subporphyrin. Molecules, 2021, 26, 1140.	3.8	3
90	Unexpected formation of a triphyrin in the reaction of dibromodipyrromethene and N,N-dimethylaminoethanol. Journal of Porphyrins and Phthalocyanines, 2014, 18, 721-726.	0.8	2

#	Article	IF	Citations
91	TTFâ€Annulated Silicon Phthalocyanine Oligomers and Their Externalâ€Stimuliâ€Responsive Orientational Ordering. Angewandte Chemie, 2020, 132, 22910-22918.	2.0	2
92	Janus Pyrrolopyrrole Azaâ€dipyrrin: Hydrogenâ€Bonded Assemblies and Slow Magnetic Relaxation of the Cobalt(II) Complex in the Solid State. Chemistry - A European Journal, 2021, 27, 12686-12692.	3.3	2
93	Phthalocyanine and Related Analogues. , 2021, , 85-118.		1
94	Recent Advances in the Chemistry of Phthalocyanines as Functional Chromophores. , 2015, , 273-291.		1
95	Creation of Novel Functional Molecules Based on Structural Modification of Phthalocyanine. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 1012-1022.	0.1	1
96	A Highly Fluorescent Ïƒâ€Bonded Platinum(II) Diketopyrrolopyrrole Complex. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
97	meso-Aryl-Expanded Porphyrins: Synthesis, Structures, and Coordination Chemistry. ChemInform, 2005, 36, no.	0.0	0
98	Frontispiece: The First Silicon(IV) Corrole Complexes: Synthesis, Structures, Properties, and Formation of a Î¼-Oxo Dimer. Chemistry - A European Journal, 2018, 24, .	3.3	0
99	Copper 1,19â€Diazaâ€21,24â€dicarbacorrole: A Corrole Analogue with an Nâ€“N Linkage Stabilizes a Groundâ€State Singlet Organocopper Species. Angewandte Chemie, 2020, 132, 16031-16035.	2.0	0