

Norihito Fukui

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,082
citations

361045

20
h-index

454577

30
g-index

62
all docs

62
docs citations

62
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732.	7.2	84
2	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. <i>Chemical Science</i> , 2017, 8, 189-199.	3.7	64
3	Porphyrin Arch-Tapes: Synthesis, Contorted Structures, and Full Conjugation. <i>Journal of the American Chemical Society</i> , 2017, 139, 9075-9088.	6.6	61
4	meso,Î²-Oligohaloporphyrins as Useful Synthetic Intermediates of Diphenylamine-Fused Porphyrin and meso-tetra-meso-Î²-Doubly Butadiyne-Bridged Diporphyrin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6311-6314.	7.2	45
5	Embedding heteroatoms: an effective approach to create porphyrin-based functional materials. <i>Dalton Transactions</i> , 2017, 46, 13322-13341.	1.6	42
6	Aromatic Metamorphosis of Dibenzofurans into Triphenylenes Starting with Nickel-Catalyzed Ring-Opening C=O Arylation. <i>Organic Letters</i> , 2017, 19, 1274-1277.	2.4	40
7	Inserting Nitrogen: An Effective Concept To Create Nonplanar and Stimuli-Responsive Perylene Bisimide Analogues. <i>Journal of the American Chemical Society</i> , 2019, 141, 19807-19816.	6.6	40
8	Determinant Factors of Three-Dimensional Aromaticity in Antiaromatic Cyclophanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 10676-10685.	6.6	38
9	Dinaphthothiepine Bisimide and Its Sulfoxide; Soluble Precursors for Perylene Bisimide. <i>Journal of the American Chemical Society</i> , 2020, 142, 11663-11668.	6.6	37
10	Regioselective phenylene-fusion reactions of Ni-porphyrins controlled by an electron-withdrawing meso-substituent. <i>Chemical Science</i> , 2016, 7, 4059-4066.	3.7	36
11	Aggregation-Induced Emission of Nitrogen-Bridged Naphthalene Monoimide Dimers. <i>Organic Letters</i> , 2019, 21, 9516-9520.	2.4	35
12	Acridino[2,1,9,8- <i>ijklmna</i>]acridine Bisimides: An Electron-Deficient Î-system for Robust Radical Anions and n-type Organic Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14060-14067.	7.2	33
13	Pictet-Spengler Synthesis of Quinoline-Fused Porphyrins and Phenanthroline-Fused Diporphyrins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13038-13042.	7.2	32
14	Singly and Doubly 1,2-Phenylene-Inserted Porphyrin Arch-Tape Dimers: Synthesis and Highly Contorted Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6304-6308.	7.2	30
15	as-Indaceno[3,2,1,8,7,6- <i>ghijklm</i>]terrylene as a near-infrared absorbing C70-fragment. <i>Nature Communications</i> , 2020, 11, 3873.	5.8	26
16	Amination of meso-Bromoporphyrins and 9-Haloanthracenes with Diarylamines Catalyzed by a Palladium-PEPPSI Complex. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 1066-1071.	1.3	23
17	Synthesis of 7,8-Dehydropurpurin Dimers and Their Conversion into Conformationally Constrained Î-Vinylene-Bridged Porphyrin Dimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4395-4398.	7.2	23
18	Metalation Control of Open-Shell Character in meso-meso Linked Porphyrin meso-Oxy Radical Dimers. <i>Chemistry - A European Journal</i> , 2018, 24, 1528-1532.	1.7	20

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19	Diphenylphosphineâ€Oxideâ€Fused and Diphenylphosphineâ€Fused Porphyrins: Synthesis, Tunable Electronic Properties, and Formation of Cofacial Dimers. <i>Chemistry - A European Journal</i> , 2017, 23, 6741-6745.	1.7	19
20	Control of the conformational dynamics of mesoâ€meso vinylene-bridged Zn(ii) porphyrin dimers through diamine coordination. <i>Chemical Communications</i> , 2014, 50, 3078-3080.	2.2	18
21	<i>meso</i> - <i>meso</i> -Linked Diarylamineâ€Fused Porphyrin Dimers. <i>Chemistry - A European Journal</i> , 2016, 22, 18476-18483.	1.7	18
22	A <i>meso</i> - <i>meso</i> -Triply Linked Subporphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12317-12321.	7.2	18
23	Dual Emission of a Freeâ€Base 5â€Oxaporphyrinium Cation from its <i>cis</i> -and <i>trans</i> -NH Tautomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2915-2919.	7.2	17
24	Antiaromatic 1,5â€Diazaâ€indacenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20765-20770.	7.2	16
25	Diarylamineâ€Fused Subporphyrins: Proof of Twisted Intramolecular Charge Transfer (TICT) Mechanism. <i>Chemistry - A European Journal</i> , 2018, 24, 8306-8310.	1.7	15
26	Synthesis and electron-transport properties of a stable antiaromatic Ni ^{II} norcorrole with the smallest <i>meso</i> -substituent. <i>Dalton Transactions</i> , 2020, 49, 14383-14387.	1.6	14
27	Synthesis of meso-alkyl-substituted Norcorroleâ€Ni II Complexes and Conversion to 5â€Oxaporphyrins(2.0.1.0). <i>Chemistry - A European Journal</i> , 2019, 25, 7618-7622.	1.7	12
28	Acridino[2,1,9,8-klmna]acridine Bisimides: An Electronâ€Deficient Î€System for Robust Radical Anions and nâ€Type Organic Semiconductors. <i>Angewandte Chemie</i> , 2021, 133, 14179-14186.	1.6	11
29	A Supramolecular Polymer Constituted of Antiaromatic Ni ^{II} Norcorroles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
30	Singly and Doubly 1,2â€Phenyleneâ€Inserted Porphyrin Archâ€Tape Dimers: Synthesis and Highly Contorted Structures. <i>Angewandte Chemie</i> , 2018, 130, 6412-6416.	1.6	10
31	Singly and Doubly Sulfone-Inserted Porphyrin Arch-Tape Dimers. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1131-1137.	2.0	10
32	Macroscopically Anisotropic Structures Produced by Light-induced Solvothermal Assembly of Porphyrin Dimers. <i>Scientific Reports</i> , 2018, 8, 11108.	1.6	10
33	Reactions of Antiaromatic Norcorrole Ni(II) Complex with Carbenes. <i>Organic Letters</i> , 2020, 22, 4400-4403.	2.4	10
34	meso-to-meso Pt ^{II} -bridged Ni ^{II} -porphyrin dimers. <i>Organic Chemistry Frontiers</i> , 2017, 4, 767-772.	2.3	9
35	A <i>meso</i> - <i>meso</i> -Triply Linked Subporphyrin Dimer. <i>Angewandte Chemie</i> , 2017, 129, 12485-12489.	1.6	8
36	Synthesis and Properties of an 18â€Aromatic Norcorrole P(V) Complex. <i>Organic Letters</i> , 2021, 23, 2826-2830.	2.4	8

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37	Symmetry-breaking charge separation in a nitrogen-bridged naphthalene monoimide dimer. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 14007-14015.	1.3	8
38	Palladium-Catalyzed [3+2] Annulation of meso-Bromoporphyrin with Silylacetylenes and Desilylation of 8a-Silyl-7,8-dehydropurpurin. <i>Heterocycles</i> , 2015, 90, 252.	0.4	7
39	Pictet-Spengler Synthesis of Quinoline-Fused Porphyrins and Phenanthroline-Fused Diporphyrins. <i>Angewandte Chemie</i> , 2016, 128, 13232-13236.	1.6	7
40	5,5,15,15-Tetraoxo-5,15-Dithiaporphyrin as a Highly Electron-Deficient Porphyrinic Ligand. <i>Chemistry - A European Journal</i> , 2019, 25, 15580-15585.	1.7	7
41	Antiaromatic 1,5-Diazaindacenes. <i>Angewandte Chemie</i> , 2021, 133, 20933-20938.	1.6	7
42	A 2-to-2-18-to-18 doubly linked Ni(norcorrole) dimer: an effectively conjugated antiaromatic dyad. <i>Chemical Communications</i> , 2020, 56, 6846-6849.	2.2	6
43	Synthesis of Hydroxyisooxophlorins by Oxidative Degradation of meso-Hydroxyporphyrins. <i>Organic Letters</i> , 2019, 21, 3950-3953.	2.4	5
44	Isolation and Structure Analysis of a Ni(II) Norcorrole Radical Anion. <i>Chemistry Letters</i> , 2022, 51, 182-184.	0.7	5
45	Dual Emission of a Free-Base 5-Oxaporphyrinium Cation from its cis- and trans-NH Tautomers. <i>Angewandte Chemie</i> , 2021, 133, 2951-2955.	1.6	4
46	Dinaphtho[1,8-bc:1,8-fg][1,5]dithiocine Bisimide. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 541-544.	1.4	4
47	Non-Planar Perylene Bisimide Analogues with Inserted Carbonyl and Methylene Subunits. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15838-15843.	7.2	4
48	Synthesis and properties of 5-aza-15-thiaporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 84-89.	0.4	3
49	Redox-induced reversible [2 + 2] cycloaddition of an etheno-fused diporphyrin. <i>Chemical Science</i> , 2021, 12, 5224-5229.	3.7	3
50	A Supramolecular Polymer Constituted of Antiaromatic Ni(II) Norcorroles. <i>Angewandte Chemie</i> , 2022, 134, e202114230.	1.6	2
51	Synthesis of Dibenzo[<i>h</i> , <i>t</i>]rubicene through Its Internally Dimethoxy-substituted Precursor. <i>Chemistry Letters</i> , 2022, 51, 288-291.	0.7	2
52	Nitrogen Extrusion of Diazacorrphycenes to Azacorroles and Synthesis of Two Types of Copper 10-Azacorrole Complexes. <i>Chemistry Letters</i> , 2022, 51, 321-324.	0.7	2
53	Indeno[1,2,3,4- <i>pqr</i>]perylene: A Medium-Sized Aromatic Hydrocarbon Exhibiting Full-Range Visible-Light Absorption. <i>Chemistry - A European Journal</i> , 2021, , .	1.7	1
54	Organic Transformations by the Hydrosilane-Alkoxide System. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2019, 77, 512-513.	0.0	0

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55	Non-Planar Perylene Bisimide Analogues with Inserted Carbonyl and Methylene Subunits. <i>Angewandte Chemie</i> , 2021, 133, 15972-15977.	1.6	0