Chihiro Maeda

List of Publications by Year
in descending order

51 papers	2,656 citations	257357 24 h-index	206029 48 g-index
59 all docs	59 docs citations	59 times ranked	2609 citing authors

#	Article	IF	Citations
1	Synthesis of Chiral Carbazole-Based Porphyrins and Bodipys. ECS Meeting Abstracts, 2021, MA2021-01, 743-743.	0.0	0
2	Facile Synthesis of Azahelicenes and Diaza[8]circulenes through the Intramolecular Scholl Reaction. Chemistry - A European Journal, 2021, 27, 15699-15705.	1.7	15
3	Chiral carbazole-based porphyrins showing absorption and circular dichroism in the near-infrared region. Journal of Porphyrins and Phthalocyanines, 2020, 24, 247-251.	0.4	2
4	Synthesis and Chiroptical Properties of Chiral Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2020, 26, 4261-4268.	1.7	23
5	Synthesis and electronic properties of carbazole-based core-modified diporphyrins showing near infrared absorption. Chemical Communications, 2020, 56, 15048-15051.	2.2	5
6	Tetrameric and Hexameric Porphyrin Nanorings: Template Synthesis and Photophysical Properties. Journal of the American Chemical Society, 2020, 142, 15661-15666.	6.6	37
7	Aluminum porphyrins with quaternary ammonium halides as catalysts for copolymerization of cyclohexene oxide and CO₂: metalâ€“ligand cooperative catalysis. Chemical Science, 2020, 11, 5669-5675.	3.7	54
8	Azaheliceneâ€Fused BODIPY Analogues Showing Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2020, 59, 7813-7817.	7.2	102
9	Azaheliceneâ€Fused BODIPY Analogues Showing Circularly Polarized Luminescence. Angewandte Chemie, 2020, 132, 7887-7891.	1.6	36
10	Aggregationâ€Induced Circularly Polarized Luminescence from Boron Complexes with a Carbazolyl Schiff Base. Chemistry - A European Journal, 2020, 26, 13016-13021.	1.7	23
11	Frontispiece: Synthesis and Chiroptical Properties of Chiral Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2020, 26, .	1.7	0
12	Synthesis of Chiral Carbazole-Based Porphyrins and BODIPYs. ECS Meeting Abstracts, 2020, MA2020-01, 905-905.	0.0	0
13	Synthesis and electronic properties of Ï€-expanded carbazole-based porphyrins. Chemical Communications, 2019, 55, 10162-10165.	2.2	12
14	Chiroptical and catalytic properties of doubly binaphthyl-strapped chiral porphyrins. Chemical Communications, 2019, 55, 1064-1067.	2.2	45
15	Chiral Bifunctional Metalloporphyrin Catalysts for Kinetic Resolution of Epoxides with Carbon Dioxide. Organic Letters, 2019, 21, 1853-1856.	2.4	26
16	Synthesis of chiral carbazole-based BODIPYs showing circularly polarized luminescence. Chemical Communications, 2019, 55, 3136-3139.	2.2	42
17	Peripheral Ï€-Extention of Carbazole-Based Porphyrins. ECS Meeting Abstracts, 2019, , .	0.0	0
18	Calix[4]pyrroles as macrocyclic organocatalysts for the synthesis of cyclic carbonates from epoxides and carbon dioxide. Catalysis Science and Technology, 2018, 8, 4193-4198.	2.1	40

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19	Electronic Tuning of Zinc Porphyrin Catalysts for the Conversion of Epoxides and Carbon Dioxide into Cyclic Carbonates. ChemCatChem, 2017, 9, 946-949.	1.8	54
20	Synthesis of carbazole-based BODIPY dimers showing red fluorescence in the solid state. Organic and Biomolecular Chemistry, 2017, 15, 9283-9287.	1.5	24
21	Palladium Complexes of Carbazoleâ€Based Chalcogenaisophlorins: Synthesis, Structure, and Solidâ€State NIR Absorption Spectra. ChemPlusChem, 2017, 82, 1368-1371.	1.3	9
22	Carbazole-based BODIPYs with ethynyl substituents at the boron center: solid-state excimer fluorescence in the VIS/NIR region. Organic and Biomolecular Chemistry, 2017, 15, 7783-7788.	1.5	22
23	Palladium Complexes of Carbazole-Based Chalcogenaisophlorins: Synthesis, Structure, and Solid-State NIR Absorption Spectra. ChemPlusChem, 2017, 82, 1367-1367.	1.3	0
24	Theoretical Study on Highly Active Bifunctional Metalloporphyrin Catalysts for the Coupling Reaction of Epoxides with Carbon Dioxide. Chemical Record, 2016, 16, 2260-2267.	2.9	29
25	Colorâ€Tunable Solidâ€State Fluorescence Emission from Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2016, 22, 7508-7513.	1.7	44
26	Frontispiece: Highly Active and Robust Metalloporphyrin Catalysts for the Synthesis of Cyclic Carbonates from a Broad Range of Epoxides and Carbon Dioxide. Chemistry - A European Journal, 2016, 22, .	1.7	0
27	Intramolecular Electronic Coupling in the Thiophene-Bridged Carbazole-Based Diporphyrin. Organic Letters, 2016, 18, 6070-6073.	2.4	16
28	Highly Active and Robust Metalloporphyrin Catalysts for the Synthesis of Cyclic Carbonates from a Broad Range of Epoxides and Carbon Dioxide. Chemistry - A European Journal, 2016, 22, 6556-6563.	1.7	176
29	Bifunctional Catalysts for the CO₂ Fixation: Structural Optimization to Maximize the Synergetic Effect. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 814-823.	0.0	2
30	Carbazole-Based Boron Dipyrromethenes (BODIPYs): Facile Synthesis, Structures, and Fine-Tunable Optical Properties. Organic Letters, 2015, 17, 3090-3093.	2.4	53
31	Effects of cyano, ethynyl and ethylenedioxy groups on the photophysical properties of carbazole-based porphyrins. Organic and Biomolecular Chemistry, 2015, 13, 11286-11291.	1.5	17
32	Bifunctional Catalysts Based on mâ€Phenyleneâ€Bridged Porphyrin Dimer and Trimer Platforms: Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides. Angewandte Chemie - International Edition, 2015, 54, 134-138.	7.2	273
33	Synthesis of carbazole-based hetero-core-modified porphyrins. Organic and Biomolecular Chemistry, 2014, 12, 2656-2662.	1.5	21
34	Recent progress in catalytic conversions of carbon dioxide. Catalysis Science and Technology, 2014, 4, 1482.	2.1	463
35	Bifunctional Porphyrin Catalysts for the Synthesis of Cyclic Carbonates from Epoxides and CO₂: Structural Optimization and Mechanistic Study. Journal of the American Chemical Society, 2014, 136, 15270-15279.	6.6	404
36	Synthesis and Characterization of Carbazoleâ€Based Expanded Thiaporphyrins. Chemistry - A European Journal, 2013, 19, 2971-2975.	1.7	29

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37	Effective Ï€-Extension of Carbazole-Based Thiaporphyrins by Peripheral Phenylethynyl Substituents. Organic Letters, 2013, 15, 3566-3569.	2.4	23
38	Synthesis of Carbazole-Based Selenaporphyrin via Annulation. Organic Letters, 2013, 15, 578-581.	2.4	34
39	Peripherally ethynylated carbazole-based core-modified porphyrins. Organic and Biomolecular Chemistry, 2012, 10, 5182.	1.5	20
40	Molecular engineering and solvent dependence of excitation energy hopping in self-assembled porphyrin boxes. Chemical Communications, 2012, 48, 4181.	2.2	11
41	Synthesis and Characterization of Novel Fused Porphyrinoids Based on Cyclic Carbazole[2]indolones. Organic Letters, 2012, 14, 2122-2125.	2.4	31
42	Synthesis of Carbazoleâ€Containing Porphyrinoids by a Multiple Annulation Strategy: A Coreâ€Modified and Ï€â€Expanded Porphyrin. Angewandte Chemie - International Edition, 2011, 50, 5691-5694.	7.2	79
43	New Synthetic Strategy for Diporphyrins: Pinacol Couplingâ€“Rearrangement. Chemistry - A European Journal, 2011, 17, 7154-7157.	1.7	12
44	Large Porphyrin Squares from the Selfâ€Assembly of mesoâ€Triazoleâ€Appended <scp>L</scp>â€Shaped mesoâ€“mesoâ€Linked Zn^{II}â€“Triporphyrins: Synthesis and Efficient Energy Transfer. Chemistry - A European Journal, 2010, 16, 5052-5061.	1.7	45
45	Synthesis of meso,mesoâ€²-Pyrrole-Bridged Diporphyrins by Cu(I)-Mediated Annulation. Organic Letters, 2010, 12, 1820-1823.	2.4	23
46	Selective Formation of a Single Atropisomer of mesoâ€“mesoâ€Linked Zn^{II} Diporphyrin through Supramolecular Selfâ€Assembly. Chemistry - A European Journal, 2009, 15, 9681-9684.	1.7	14
47	meso,mesoâ€²-Bis(5-azaindol-2-yl)-Appended mesoâ€meso-Linked Zn(II) Diporphyrin: A Discrete Fluorescent Assembly. Organic Letters, 2009, 11, 5322-5325.	2.4	23
48	Dimeric Assemblies from 1,2,3-Triazole-Appended Zn(II) Porphyrins with Control of NH-Tautomerism in 1,2,3-Triazole. Organic Letters, 2008, 10, 549-552.	2.4	65
49	Synthesis ofmeso-5-Azaindolyl-Appended Zn(II) Porphyrins via Pd-Catalyzed Annulation. Organic Letters, 2007, 9, 2493-2496.	2.4	22
50	Chiral self-discriminative self-assembling of mesoâ€“meso linked diporphyrins. Coordination Chemistry Reviews, 2007, 251, 2743-2752.	9.5	75
51	Oxidation of hydroquinones with meso-hexakispentafluorophenyl [26]hexaphyrin(1.1.1.1.1.1). Organic and Biomolecular Chemistry, 2006, 4, 200-202.	1.5	10