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	Recent progress in catalytic conversions of carbon dioxide. Catalysis Science and Technology, 2014, 4, 1482.	2.1	463
2	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
3	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
4	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
5	Azaheliceneâ€Fused BODIPY Analogues Showing Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2020, 59, 7813-7817.	7.2	102
6	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
7	Chiral self-discriminative self-assembling of mesoâ€“meso linked diporphyrins. Coordination Chemistry Reviews, 2007, 251, 2743-2752.	9.5	75
8	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
9	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
10	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
11	Carbazole-Based Boron Dipyrromethenes (BODIPYs): Facile Synthesis, Structures, and Fine-Tunable Optical Properties. Organic Letters, 2015, 17, 3090-3093.	2.4	53
12	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
13	Chiroptical and catalytic properties of doubly binaphthyl-strapped chiral porphyrins. Chemical Communications, 2019, 55, 1064-1067.	2.2	45
14	Colorâ€Tunable Solidâ€State Fluorescence Emission from Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2016, 22, 7508-7513.	1.7	44
15	Synthesis of chiral carbazole-based BODIPYs showing circularly polarized luminescence. Chemical Communications, 2019, 55, 3136-3139.	2.2	42
16	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
17	Tetrameric and Hexameric Porphyrin Nanorings: Template Synthesis and Photophysical Properties. Journal of the American Chemical Society, 2020, 142, 15661-15666.	6.6	37
18	Azaheliceneâ€Fused BODIPY Analogues Showing Circularly Polarized Luminescence. Angewandte Chemie, 2020, 132, 7887-7891.	1.6	36

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19	Synthesis of Carbazole-Based Selenaporphyrin via Annulation. Organic Letters, 2013, 15, 578-581.	2.4	34
20	Synthesis and Characterization of Novel Fused Porphyrinoids Based on Cyclic Carbazole[2]indolones. Organic Letters, 2012, 14, 2122-2125.	2.4	31
21	Synthesis and Characterization of Carbazoleâ€Based Expanded Thiaporphyrins. Chemistry - A European Journal, 2013, 19, 2971-2975.	1.7	29
22	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
23	Chiral Bifunctional Metalloporphyrin Catalysts for Kinetic Resolution of Epoxides with Carbon Dioxide. Organic Letters, 2019, 21, 1853-1856.	2.4	26
24	Synthesis of carbazole-based BODIPY dimers showing red fluorescence in the solid state. Organic and Biomolecular Chemistry, 2017, 15, 9283-9287.	1.5	24
25	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
26	Synthesis of meso,mesoâ€²-Pyrrole-Bridged Diporphyrins by Cu(I)-Mediated Annulation. Organic Letters, 2010, 12, 1820-1823.	2.4	23
27	Effective Ï€-Extension of Carbazole-Based Thiaporphyrins by Peripheral Phenylethynyl Substituents. Organic Letters, 2013, 15, 3566-3569.	2.4	23
28	Synthesis and Chiroptical Properties of Chiral Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2020, 26, 4261-4268.	1.7	23
29	Aggregationâ€Induced Circularly Polarized Luminescence from Boron Complexes with a Carbazolyl Schiff Base. Chemistry - A European Journal, 2020, 26, 13016-13021.	1.7	23
30	Synthesis ofmeso-5-Azaindolyl-Appended Zn(II) Porphyrins via Pd-Catalyzed Annulation. Organic Letters, 2007, 9, 2493-2496.	2.4	22
31	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
32	Synthesis of carbazole-based hetero-core-modified porphyrins. Organic and Biomolecular Chemistry, 2014, 12, 2656-2662.	1.5	21
33	Peripherally ethynylated carbazole-based core-modified porphyrins. Organic and Biomolecular Chemistry, 2012, 10, 5182.	1.5	20
34	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
35	Intramolecular Electronic Coupling in the Thiophene-Bridged Carbazole-Based Diporphyrin. Organic Letters, 2016, 18, 6070-6073.	2.4	16
36	Facile Synthesis of Azahelicenes and Diaza[8]circulenes through the Intramolecular Scholl Reaction. Chemistry - A European Journal, 2021, 27, 15699-15705.	1.7	15

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37	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
38	New Synthetic Strategy for Diporphyrins: Pinacol Couplingâ€“Rearrangement. Chemistry - A European Journal, 2011, 17, 7154-7157.	1.7	12
39	Synthesis and electronic properties of Ï€-expanded carbazole-based porphyrins. Chemical Communications, 2019, 55, 10162-10165.	2.2	12
40	Molecular engineering and solvent dependence of excitation energy hopping in self-assembled porphyrin boxes. Chemical Communications, 2012, 48, 4181.	2.2	11
41	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
42	Palladium Complexes of Carbazoleâ€Based Chalcogenaisophlorins: Synthesis, Structure, and Solidâ€State NIR Absorption Spectra. ChemPlusChem, 2017, 82, 1368-1371.	1.3	9
43	Synthesis and electronic properties of carbazole-based core-modified diporphyrins showing near infrared absorption. Chemical Communications, 2020, 56, 15048-15051.	2.2	5
44	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
45	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
46	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
47	Palladium Complexes of Carbazole-Based Chalcogenaisophlorins: Synthesis, Structure, and Solid-State NIR Absorption Spectra. ChemPlusChem, 2017, 82, 1367-1367.	1.3	0
48	Frontispiece: Synthesis and Chiroptical Properties of Chiral Carbazoleâ€Based BODIPYs. Chemistry - A European Journal, 2020, 26, .	1.7	0
49	Synthesis of Chiral Carbazole-Based Porphyrins and Bodipys. ECS Meeting Abstracts, 2021, MA2021-01, 743-743.	0.0	0
50	Peripheral Ï€-Extention of Carbazole-Based Porphyrins. ECS Meeting Abstracts, 2019, , .	0.0	0
51	Synthesis of Chiral Carbazole-Based Porphyrins and BODIPYs. ECS Meeting Abstracts, 2020, MA2020-01, 905-905.	0.0	0