Keith J Flanagan

List of Publications by Year
in descending order

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48	945	567281	454955
papers	citations	15 h-index	30 g-index

56	56	56	1119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of Triplet Excited States via Photoinduced Electron Transfer in meso-anthra-BODIPY: Fluorogenic Response toward Singlet Oxygen in Solution and in Vitro. Journal of the American Chemical Society, 2017, 139, 6282-6285.	13.7	248
2	Control of triplet state generation in heavy atom-free BODIPYâ€“anthracene dyads by media polarity and structural factors. Physical Chemistry Chemical Physics, 2018, 20, 8016-8031.	2.8	96
3	BODIPYâ€Pyrene and Perylene Dyads as Heavyâ€Atomâ€Free Singlet Oxygen Sensitizers. ChemPhotoChem, 2018, 2, 606-615.	3.0	66
4	Cubane Crossâ€Coupling and Cubaneâ€“Porphyrin Arrays. Chemistry - A European Journal, 2018, 24, 1026-1030.	3.3	38
5	Sterically induced distortions of nickel(II) porphyrins â€“ Comprehensive investigation by DFT calculations and resonance Raman spectroscopy. Coordination Chemistry Reviews, 2018, 360, 1-16.	18.8	35
6	Dipyrrinatoâ€Iridium(III) Complexes for Application in Photodynamic Therapy and Antimicrobial Photodynamic Inactivation. Chemistry - A European Journal, 2021, 27, 6440-6459.	3.3	35
7	Conformational Reâ€engineering of Porphyrins as Receptors with Switchable Nâ”Hâ‹…â‹…â‹…Xâ€Type Binding Modes. Angewandte Chemie - International Edition, 2019, 58, 16553-16557.	13.8	31
8	Targeting Receptor Tyrosine Kinase VEGFR-2 in Hepatocellular Cancer: Rational Design, Synthesis and Biological Evaluation of 1,2-Disubstituted Benzimidazoles. Molecules, 2020, 25, 770.	3.8	31
9	Synthesis of a Family of Highly Substituted Porphyrin Thioethers via Nitro Displacement in 2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetranitroporphyrin. Journal of Organic Chemistry, 2017, 82, 5122-5134.	3.2	29
10	Highly Strained Tertiary sp³ Scaffolds: Synthesis of Functionalized Cubanes and Exploration of Their Reactivity under Pd(II) Catalysis. Organometallics, 2015, 34, 1408-1414.	2.3	27
11	Nucleophilic Aromatic Substitution on Pentafluorophenylâ€Substituted Dipyrranes and Tetrapyrroles as a Route to Multifunctionalized Chromophores for Potential Application in Photodynamic Therapy. Chemistry - A European Journal, 2016, 22, 13953-13964.	3.3	23
12	Nonplanar Porphyrins by Nâ€Substitution: A Neglected Pathway. European Journal of Organic Chemistry, 2018, 2018, 6432-6446.	2.4	22
13	Pre-/post-functionalization in dipyrrin metal complexes â€“ antitumor and antibacterial activity of their glycosylated derivatives. Dalton Transactions, 2018, 47, 12373-12384.	3.3	19
14	Delayed release singlet oxygen sensitizers based on pyridone-appended porphyrins. Photochemical and Photobiological Sciences, 2017, 16, 1371-1374.	2.9	18
15	Not Your Usual Bioisostere: Solid State Study of 3D Interactions in Cubanes. Chemistry - A European Journal, 2019, 25, 6941-6954.	3.3	17
16	Synthesis of Porphyrinoids, BODIPYs, and (Dipyrrinato)ruthenium(II) Complexes from Prefunctionalized Dipyrromethanes. European Journal of Organic Chemistry, 2019, 2019, 4020-4033.	2.4	16
17	Synthesis, crystal structure, and ADME prediction studies of novel imidazopyrimidines as antibacterial and cytotoxic agents. Archiv Der Pharmazie, 2020, 353, e1900271.	4.1	15
18	Sequential Nucleophilic Substitution of the Î±â€Pyrrole and pâ€Aryl Positions of mesoâ€Pentafluorophenylâ€Substituted BODIPYs. European Journal of Organic Chemistry, 2017, 2017, 3187-3196.	2.4	14

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19	Comparative Synthetic Strategies for the Generation of 5,10â€•and 5,15â€Substituted Pushâ€Pull Porphyrins. European Journal of Organic Chemistry, 2017, 2017, 3565-3583.	2.4	13
20	Functionalization of Deutero- and Protoporphyrin IX Dimethyl Esters via Palladium-Catalyzed Coupling Reactions. Journal of Organic Chemistry, 2019, 84, 6158-6173.	3.2	13
21	The role of Ï€â€“Ï€ stacking and hydrogen-bonding interactions in the assembly of a series of isostructural group IIB coordination compounds. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 178-188.	0.5	13
22	Konformativer Umbau von Porphyrinen als Rezeptoren mit schaltbaren Nâ€Hâ‹…â‹…â‹…Xâ€Bindungsmodi. Angewandte Chemie, 2019, 131, 16705-16709.	2.0	12
23	Exploring the relationship between structure and activity in BODIPYs designed for antimicrobial phototherapy. Organic and Biomolecular Chemistry, 2020, 18, 2416-2431.	2.8	12
24	Investigating the Impact of Conformational Molecular Engineering on the Crystal Packing of Cavity Forming Porphyrins. Inorganic Chemistry, 2019, 58, 15769-15787.	4.0	10
25	Weak Interactions and Conformational Changes in Core-Protonated A2- and Ax-Type Porphyrin Dications. Molecules, 2020, 25, 3195.	3.8	10
26	Shortâ€Chained Anthracene Strapped Porphyrins and their Endoperoxides. European Journal of Organic Chemistry, 2020, 2020, 2735-2744.	2.4	10
27	Solid-state supramolecular architectures of a series of Hg(<scp>ii</scp>) halide coordination compounds based on hydroxyl-substituted Schiff base ligands. CrystEngComm, 2019, 21, 6301-6312.	2.6	9
28	Conformational and structural studies of meso monosubstituted metalloporphyrinsâ€”Edge-on molecular interactions of porphyrins in crystals. Tetrahedron, 2016, 72, 105-115.	1.9	8
29	Structural, Photophysical, and Photobiological Studies on BODIPYâ€Anthracene Dyads. ChemPhotoChem, 2021, 5, 131-141.	3.0	8
30	An Insight into Nonâ€Covalent Interactions on the Bicyclo[1.1.1]pentane Scaffold. European Journal of Organic Chemistry, 2021, 2021, 1113-1122.	2.4	8
31	Bridging and Conformational Control of Porphyrin Units through Nonâ€Traditional Rigid Scaffolds. Chemistry - A European Journal, 2020, 26, 2405-2416.	3.3	7
32	Structure and conformation of photosynthetic pigments and related compounds. 15. Conformational analysis of chlorophyll derivatives - implications for hydroporphyrins in vivo. Photochemical and Photobiological Sciences, 2019, 18, 1479-1494.	2.9	5
33	Crystal structure of 4-(methoxycarbonyl)phenylboronic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1151-1154.	0.5	4
34	Merging Triptycene, BODIPY and Porphyrin Chemistry: Synthesis and Properties of Monoâ€•and Trisubstituted Triptycene Dye Arrays. European Journal of Organic Chemistry, 2017, 2017, 6680-6692.	2.4	4
35	Crystal Structures of 2-Furylbenzimidazoles with Antiangiogenic Inhibition of VEGF in Cell Line MCF-7. Heterocycles, 2015, 91, 1603.	0.7	3
36	Towards triptycene functionalization and triptycene-linked porphyrin arrays. Beilstein Journal of Organic Chemistry, 2020, 16, 763-777.	2.2	3

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37	Synthesis of Long-Wavelength Absorbing Porphyrin m-Benzoic Acids as Molecular Tectons for Surface Studies. Heterocycles, 2017, 94, 1518.	0.7	2
38	Lactones and Flavonoids isolated from the Leaves of Globimetula braunii. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	2
39	Targeted Synthesis of Regioisomerically Pure Dodecasubstituted Type I Porphyrins through the Exploitation of Peri-interactions. Journal of Organic Chemistry, 2020, 85, 7603-7610.	3.2	2
40	Synthesis, characterization, and crystal structure analysis of Zn(II) and Cd(II) coordination compounds containing 4-((pyridin-4-ylmethylene)amino)phenol Schiff-base ligand. Journal of Molecular Structure, 2020, 1221, 128846.	3.6	2
41	Structural effects of meso-halogenation on porphyrins. Beilstein Journal of Organic Chemistry, 2021, 17, 1149-1170.	2.2	2
42	Crystal structure of [5-n-butyl-10-(2,5-dimethoxyphenyl)-2,3,7,8,13,12,17,18-octaethylporphyrinato]nickel(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1397-1400.	0.5	2
43	Crystal structures of 2,3,7,8,12,13,17,18-octabromo-5,10,15,20-tetrakis(pentafluorophenyl)porphyrin as the chloroform monosolvate and tetrahydrofuran monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 214-220.	0.5	1
44	Crystal structure of 5-tert-butyl-10,15,20-triphenylporphyrin. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 128-132.	0.5	0
45	Front Cover: Comparative Synthetic Strategies for the Generation of 5,10â€•and 5,15â€Substituted Pushâ€Pull Porphyrins (Eur. J. Org. Chem. 25/2017). European Journal of Organic Chemistry, 2017, 2017, 3516-3516.	2.4	0
46	Cubane Cross-Coupling and Cubane-Porphyrin Arrays. Chemistry - A European Journal, 2018, 24, 1001-1001.	3.3	0
47	Innentitelbild: Konformativer Umbau von Porphyrinen als Rezeptoren mit schaltbaren Nâ€Hâ‹…â‹…â‹…Xâ€Bindungsmodi (Angew. Chem. 46/2019). Angewandte Chemie, 2019, 131, 16482-16482.	2.0	0
48	Influence of meso-linker attachment on the formation of coreÂ·Â·Â·Ï€ interactions in urea-functionalized porphyrins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 755-764.	0.7	0