Paul A Karr

List of Publications by Year
in descending order

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40	605	759055 12	642610 23
papers	citations	h-index	g-index

42	42	42	663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phenothiazineâ€“BODIPYâ€“Fullerene Triads as Photosynthetic Reaction Center Models: Substitution and Solvent Polarity Effects on Photoinduced Charge Separation and Recombination. Chemistry - A European Journal, 2014, 20, 17100-17112.	1.7	76
2	Pyrazinacenes: Aza Analogues of Acenes. Journal of Organic Chemistry, 2009, 74, 8914-8923.	1.7	66
3	Highly Nonplanar, Electron Deficient, N-Substituted tetra-Oxocyclohexadienylidene Porphyrinogens:Â Structural, Computational, and Electrochemical Investigations. Journal of Organic Chemistry, 2004, 69, 5861-5869.	1.7	62
4	Axially assembled photosynthetic reaction center mimics composed of tetrathiafulvalene, aluminum(<scp>iii</scp>) porphyrin and fullerene entities. Nanoscale, 2015, 7, 12151-12165.	2.8	47
5	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. Journal of Physical Chemistry C, 2008, 112, 10559-10572.	1.5	34
6	Directly Attached Bisdonorâ€BF₂ Chelated Azadipyrromethaneâ€Fullerene Tetrads for Promoting Ground and Excited State Charge Transfer. Chemistry - A European Journal, 2017, 23, 4450-4461.	1.7	31
7	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrinâ€“Copper Corrole Donorâ€“Acceptor Conjugates. Chemistry - A European Journal, 2016, 22, 1301-1312.	1.7	25
8	A charge transfer state induced by strong exciton coupling in a cofacial Î¼-oxo-bridged porphyrin heterodimer. Physical Chemistry Chemical Physics, 2021, 23, 960-970.	1.3	25
9	Photosensitizer Encryption with Aggregation Enhanced Singlet Oxygen Production. Journal of the American Chemical Society, 2022, 144, 10830-10843.	6.6	19
10	Ultrafast Photoinduced Charge Separation in Wide-Band-Capturing Self-Assembled Supramolecular Bis(donor styryl)BODIPY-Fullerene Conjugates. Chemistry - A European Journal, 2015, 21, 16005-16016.	1.7	18
11	â€œTwoâ€Pointâ€•Selfâ€Assembly and Photoinduced Electron Transfer in meso â€Donorâ€Carrying Bis(styryl) Tj ETQq1 1 0.784314 gBT /Overlock 10 Tf 50 667 Td (Journal, 2017, 12, 2258-2270.	1.7	13
12	Amphiprotism-Coupled Near-Infrared Emission in Extended Pyrazinacenes Containing Seven Linearly Fused Pyrazine Units. Journal of the American Chemical Society, 2019, 141, 19570-19574.	6.6	13
13	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. Dalton Transactions, 2019, 48, 15583-15596.	1.6	12
14	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. Communications Chemistry, 2021, 4, .	2.0	12
15	Electron spin polarization in an Al(III) porphyrin complex with an axially bound nitroxide radical. Journal of Chemical Physics, 2019, 151, 204303.	1.2	11
16	Sequential, Ultrafast Energy Transfer and Electron Transfer in a Fused Zinc Phthalocyanineâ€freeâ€base Porphyrinâ€C₆₀ Supramolecular Triad. ChemPhysChem, 2019, 20, 163-172.	1.0	11
17	Distance Matters: Effect of the Spacer Length on the Photophysical Properties of Multimodular Perylenediimideâ€“Silicon Phthalocyanineâ€“Fullerene Triads. Chemistry - A European Journal, 2020, 26, 4822-4832.	1.7	11
18	Anion-enhanced excited state charge separation in a spiro-locked N-heterocycle-fused push-pull zinc porphyrin. Chemical Science, 2021, 12, 4925-4930.	3.7	11

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19	Paddle-Wheel BODIPYâ€“Hexaoxatriphenylene Conjugates: Participation of Redox-Active Hexaoxatriphenylene in Excited-State Charge Separation to Yield High-Energy Charge-Separated States. Journal of Physical Chemistry A, 2018, 122, 3780-3786.	1.1	10
20	High singlet oxygen production and negative solvatochromism of octabrominated 3-pyrrolyl boron dipyrromethenes. RSC Advances, 2016, 6, 24111-24114.	1.7	9
21	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C₆₀ alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. Chemical Communications, 2018, 54, 1351-1354.	2.2	9
22	Directly Linked Zinc Phthalocyanineâ€“Perylenediimide Dyads and a Triad for Ultrafast Charge Separation. Chemistry - A European Journal, 2019, 25, 10123-10132.	1.7	9
23	Anion binding, electrochemistry and solvatochromism of Î²-brominated oxoporphyrinogens. Dalton Transactions, 2016, 45, 4006-4016.	1.6	8
24	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. Chemical Science, 2020, 11, 2614-2620.	3.7	7
25	Antimony(+5) ion induced tunable intramolecular charge transfer in hypervalent antimony(<scp>v</scp>) porphyrins. Dalton Transactions, 2022, 51, 5890-5903.	1.6	7
26	Selective Phase Transfer Reagents (OxPâ€crowns) for Chromogenic Detection of Nitrates Especially Ammonium Nitrate. Chemistry - A European Journal, 2020, 26, 13177-13183.	1.7	6
27	Persubstituted Triphenylamine Bearing Zinc Porphyrin to Host Endohedral Fullerene, Sc₃N@C₈₀: Formation and Excited State Electron Transfer. Journal of Physical Chemistry B, 2020, 124, 5723-5729.	1.2	6
28	Rational Design and Synthesis of OEP and TPP Centered Phosphorus(V) Porphyrinâ€“Naphthalene Conjugates: Triplet Formation via Rapid Charge Recombination. Inorganic Chemistry, 2021, 60, 17952-17965.	1.9	6
29	Phenanthrolineâ€Fused Pyrazinacenes: Oneâ€Pot Synthesis, Tautomerization and a Ru II (2,2â€²â€bpy) 2 Derivative. European Journal of Inorganic Chemistry, 2018, 2018, 2541-2548.	1.0	5
30	Distanceâ€Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanineâ€Fullerene Conjugates. ChemPhysChem, 2020, 21, 2254-2262.	1.0	5
31	Excited State Charge Separation in an Azobenzeneâ€Bridged Perylenediimide Dimer â€“ Effect of Photochemical Transâ€Cis Isomerization. Chemistry - A European Journal, 2021, 27, 14996-15005.	1.7	5
32	A zinc phthalocyanineâ€“benzoperylenetriimide conjugate for solvent dependent ultrafast energy vs. electron transfer. Chemical Communications, 2019, 55, 14946-14949.	2.2	4
33	Electron and energy transfer in a porphyrinâ€“oxoporphyrinogenâ€“fullerene triad, ZnPâ€“OxPâ€“C₆₀. Physical Chemistry Chemical Physics, 2020, 22, 14356-14363.	1.3	4
34	Meso â€Biphenylâ€Linked, Nearâ€and Farâ€Infrared Emitting, Chlorin and Bacteriochlorin Dimers: Synthesis, Excitation Transfer, and Singlet Oxygen Production. ChemPlusChem, 2021, 86, 674-680.	1.3	3
35	Singlet Oxygen Generation and Photoinduced Charge Separation of Tetra Polyethyleneglycol Functionalized Zinc Phthalocyanineâ€Fullerene Dyad. Chinese Journal of Chemistry, 2016, 34, 969-974.	2.6	2
36	Quadrupolar Ultrafast Charge Transfer in Diaminoazobenzeneâ€Bridged Perylenediimide Triads. Chemistry - A European Journal, 2022, 28, .	1.7	2

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37	Analyte Interactions with Oxoporphyrinogen Derivatives: Computational Aspects. Current Organic Chemistry, 2022, 26, 580-595.	0.9	1
38	Distanceâ€Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanineâ€Fullerene Conjugates. ChemPhysChem, 2020, 21, 2232-2232.	1.0	0
39	(Invited) A Carbon Nanotube Binding Bis(pyrenylstyryl)Bodipy-C60 Nano Tweezer: Formation and Photoinduced Charge Separation in Supramolecular C60-Bodipy-SWCNT Triads. ECS Meeting Abstracts, 2022, MA2022-01, 825-825.	0.0	0
40	Phosphorus(V) Porphyrin: A Reductive Electron Quencher in Donor-Acceptor Systems. ECS Meeting Abstracts, 2022, MA2022-01, 980-980.	0.0	0