

# Paul A Karr

## List of Publications by Year in descending order

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40  
papers

605  
citations

758635

12  
h-index

642321

23  
g-index

42  
all docs

42  
docs citations

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times ranked

663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quadrupolar Ultrafast Charge Transfer in Diaminoazobenzene-Bridged Peryleneimide Triads. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	2
2	Analyte Interactions with Oxoporphyrinogen Derivatives: Computational Aspects. <i>Current Organic Chemistry</i> , 2022, 26, 580-595.	0.9	1
3	Antimony(+5) ion induced tunable intramolecular charge transfer in hypervalent antimony( $\langle \text{sc} \rangle \nu \langle / \text{sc} \rangle$ ) porphyrins. <i>Dalton Transactions</i> , 2022, 51, 5890-5903.	1.6	7
4	Photosensitizer Encryption with Aggregation Enhanced Singlet Oxygen Production. <i>Journal of the American Chemical Society</i> , 2022, 144, 10830-10843.	6.6	19
5	(Invited) A Carbon Nanotube Binding Bis(pyrenylstyryl)Bodipy-C60 Nano Tweezer: Formation and Photoinduced Charge Separation in Supramolecular C60-Bodipy-SWCNT Triads. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 825-825.	0.0	0
6	Phosphorus(V) Porphyrin: A Reductive Electron Quencher in Donor-Acceptor Systems. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 980-980.	0.0	0
7	A charge transfer state induced by strong exciton coupling in a cofacial $\hat{1}/4$ -oxo-bridged porphyrin heterodimer. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 960-970.	1.3	25
8	Anion-enhanced excited state charge separation in a spiro-locked N-heterocycle-fused push-pull zinc porphyrin. <i>Chemical Science</i> , 2021, 12, 4925-4930.	3.7	11
9	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. <i>Communications Chemistry</i> , 2021, 4, .	2.0	12
10	Meso $\hat{\alpha}$ Biphenyl $\hat{\alpha}$ Linked, Near $\hat{\alpha}$ and Far $\hat{\alpha}$ Infrared Emitting, Chlorin and Bacteriochlorin Dimers: Synthesis, Excitation Transfer, and Singlet Oxygen Production. <i>ChemPlusChem</i> , 2021, 86, 674-680.	1.3	3
11	Excited State Charge Separation in an Azobenzene-Bridged Peryleneimide Dimer $\hat{\alpha}$ Effect of Photochemical Trans $\hat{\alpha}$ Cis Isomerization. <i>Chemistry - A European Journal</i> , 2021, 27, 14996-15005.	1.7	5
12	Rational Design and Synthesis of OEP and TPP Centered Phosphorus(V) Porphyrin $\hat{\alpha}$ Naphthalene Conjugates: Triplet Formation via Rapid Charge Recombination. <i>Inorganic Chemistry</i> , 2021, 60, 17952-17965.	1.9	6
13	Selective Phase Transfer Reagents (OxP $\hat{\alpha}$ crowns) for Chromogenic Detection of Nitrates Especially Ammonium Nitrate. <i>Chemistry - A European Journal</i> , 2020, 26, 13177-13183.	1.7	6
14	Distance $\hat{\alpha}$ Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine $\hat{\alpha}$ Fullerene Conjugates. <i>ChemPhysChem</i> , 2020, 21, 2254-2262.	1.0	5
15	Distance $\hat{\alpha}$ Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine $\hat{\alpha}$ Fullerene Conjugates. <i>ChemPhysChem</i> , 2020, 21, 2232-2232.	1.0	0
16	Persubstituted Triphenylamine Bearing Zinc Porphyrin to Host Endohedral Fullerene, Sc $\langle \text{sub} \rangle 3 \langle / \text{sub} \rangle$ N@C $\langle \text{sub} \rangle 80 \langle / \text{sub} \rangle$ : Formation and Excited State Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5723-5729.	1.2	6
17	Electron and energy transfer in a porphyrin $\hat{\alpha}$ oxoporphyrinogen $\hat{\alpha}$ fullerene triad, ZnP $\hat{\alpha}$ OxP $\hat{\alpha}$ C $\langle \text{sub} \rangle 60 \langle / \text{sub} \rangle$ . <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14356-14363.	1.3	4
18	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. <i>Chemical Science</i> , 2020, 11, 2614-2620.	3.7	7

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19	Distance Matters: Effect of the Spacer Length on the Photophysical Properties of Multimodular Perylenediimide-Silicon Phthalocyanine-Fullerene Triads. <i>Chemistry - A European Journal</i> , 2020, 26, 4822-4832.	1.7	11
20	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. <i>Dalton Transactions</i> , 2019, 48, 15583-15596.	1.6	12
21	Directly Linked Zinc Phthalocyanine-Perylenediimide Dyads and a Triad for Ultrafast Charge Separation. <i>Chemistry - A European Journal</i> , 2019, 25, 10123-10132.	1.7	9
22	Amphiprotism-Coupled Near-Infrared Emission in Extended Pyrazinacenes Containing Seven Linearly Fused Pyrazine Units. <i>Journal of the American Chemical Society</i> , 2019, 141, 19570-19574.	6.6	13
23	A zinc phthalocyanine-benzoperylene triimide conjugate for solvent dependent ultrafast energy vs. electron transfer. <i>Chemical Communications</i> , 2019, 55, 14946-14949.	2.2	4
24	Electron spin polarization in an Al(III) porphyrin complex with an axially bound nitroxide radical. <i>Journal of Chemical Physics</i> , 2019, 151, 204303.	1.2	11
25	Sequential, Ultrafast Energy Transfer and Electron Transfer in a Fused Zinc Phthalocyanine-freebase Porphyrin C <sub>60</sub> Supramolecular Triad. <i>ChemPhysChem</i> , 2019, 20, 163-172.	1.0	11
26	Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a Ru II (2,2'-bipy) 2 Derivative. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2541-2548.	1.0	5
27	Paddle-Wheel BODIPY-Hexaoxatriphenylene Conjugates: Participation of Redox-Active Hexaoxatriphenylene in Excited-State Charge Separation to Yield High-Energy Charge-Separated States. <i>Journal of Physical Chemistry A</i> , 2018, 122, 3780-3786.	1.1	10
28	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C <sub>60</sub> alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. <i>Chemical Communications</i> , 2018, 54, 1351-1354.	2.2	9
29	Directly Attached Bisdonor-BF <sub>2</sub> Chelated Azadipyromethene-Fullerene Tetrads for Promoting Ground and Excited State Charge Transfer. <i>Chemistry - A European Journal</i> , 2017, 23, 4450-4461.	1.7	31
30	Two-Point-Self-Assembly and Photoinduced Electron Transfer in meso-Donor-Carrying Bis(styryl) Tj ETQqO O O rgBT /Over Journal, 2017, 12, 2258-2270.	1.7	13
31	Singlet Oxygen Generation and Photoinduced Charge Separation of Tetra Polyethyleneglycol Functionalized Zinc Phthalocyanine-Fullerene Dyad. <i>Chinese Journal of Chemistry</i> , 2016, 34, 969-974.	2.6	2
32	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrin-Copper Corrole Donor-Acceptor Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 1301-1312.	1.7	25
33	Anion binding, electrochemistry and solvatochromism of $\hat{I}^2$ -brominated oxoporphyrinogens. <i>Dalton Transactions</i> , 2016, 45, 4006-4016.	1.6	8
34	High singlet oxygen production and negative solvatochromism of octabrominated 3-pyrrolyl boron dipyrromethenes. <i>RSC Advances</i> , 2016, 6, 24111-24114.	1.7	9
35	Ultrafast Photoinduced Charge Separation in Wide-Band-Capturing Self-Assembled Supramolecular Bis(donor styryl)BODIPY-Fullerene Conjugates. <i>Chemistry - A European Journal</i> , 2015, 21, 16005-16016.	1.7	18
36	Axially assembled photosynthetic reaction center mimics composed of tetrathiafulvalene, aluminum( $\langle scp \rangle iii \langle /scp \rangle$ ) porphyrin and fullerene entities. <i>Nanoscale</i> , 2015, 7, 12151-12165.	2.8	47

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37	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
38	Pyrazinacenes: Aza Analogues of Acenes. Journal of Organic Chemistry, 2009, 74, 8914-8923.	1.7	66
39	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
40	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