

Paul A Karr

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

447
citations

10
h-index

20
g-index

42
ext. papers

521
ext. citations

5
avg, IF

3.44
L-index

#	Paper	IF	Citations
34	Rational Design and Synthesis of OEP and TPP Centered Phosphorus(V) Porphyrin-Naphthalene Conjugates: Triplet Formation via Rapid Charge Recombination. <i>Inorganic Chemistry</i> , 2021 , 60, 17952-17965	5.1	1
33	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. <i>Communications Chemistry</i> , 2021 , 4,	6.3	5
32	Meso-Biphenyl-Linked, Near- and Far-Infrared Emitting, Chlorin and Bacteriochlorin Dimers: Synthesis, Excitation Transfer, and Singlet Oxygen Production. <i>ChemPlusChem</i> , 2021 , 86, 674-680	2.8	1
31	A charge transfer state induced by strong exciton coupling in a cofacial E _h o-bridged porphyrin heterodimer. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 960-970	3.6	10
30	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	9.4	3
29	Excited State Charge Separation in an Azobenzene-Bridged Perylenediimide Dimer - Effect of Photochemical Trans-Cis Isomerization. <i>Chemistry - A European Journal</i> , 2021 , 27, 14996-15005	4.8	1
28	Persubstituted Triphenylamine Bearing Zinc Porphyrin to Host Endohedral Fullerene, ScN@C: Formation and Excited State Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 5723-5729	3.4	1
27	Electron and energy transfer in a porphyrin-oxoporphyrinogen-fullerene triad, ZnP-OxP-C. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 14356-14363	3.6	2
26	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. <i>Chemical Science</i> , 2020 , 11, 2614-2620	9.4	3
25	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	4.8	6
24	Selective Phase Transfer Reagents (OxP-crowns) for Chromogenic Detection of Nitrates Especially Ammonium Nitrate. <i>Chemistry - A European Journal</i> , 2020 , 26, 13177-13183	4.8	4
23	Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates. <i>ChemPhysChem</i> , 2020 , 21, 2254-2262	3.2	4
22	Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates. <i>ChemPhysChem</i> , 2020 , 21, 2232	3.2	
21	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. <i>Dalton Transactions</i> , 2019 , 48, 15583-15596	4.3	10
20	Directly Linked Zinc Phthalocyanine-Perylenediimide Dyads and a Triad for Ultrafast Charge Separation. <i>Chemistry - A European Journal</i> , 2019 , 25, 10123-10132	4.8	7
19	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	16.4	6
18	A zinc phthalocyanine-benzoperyleneetriimide conjugate for solvent dependent ultrafast energy vs. electron transfer. <i>Chemical Communications</i> , 2019 , 55, 14946-14949	5.8	2

17	Electron spin polarization in an Al(III) porphyrin complex with an axially bound nitroxide radical. <i>Journal of Chemical Physics</i> , 2019 , 151, 204303	3.9	7
16	Sequential, Ultrafast Energy Transfer and Electron Transfer in a Fused Zinc Phthalocyanine-free-base Porphyrin-C Supramolecular Triad. <i>ChemPhysChem</i> , 2019 , 20, 163-172	3.2	11
15	Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a Rull(2,2'-bpy) ₂ Derivative. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2541-2548	2.3	5
14	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	2.8	9
13	Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule. <i>Chemical Communications</i> , 2018 , 54, 1351-1354	5.8	8
12	Directly Attached Bisdonor-BF Chelated Azadipyrromethene-Fullerene Tetrads for Promoting Ground and Excited State Charge Transfer. <i>Chemistry - A European Journal</i> , 2017 , 23, 4450-4461	4.8	23
11	"Two-Point" Self-Assembly and Photoinduced Electron Transfer in meso-Donor-Carrying Bis(styryl crown ether)-BODIPY-Bis(alkylammonium)fullerene Donor-Acceptor Conjugates. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2258-2270	4.5	10
10	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	4.9	2
9	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	4.8	20
8	Anion binding, electrochemistry and solvatochromism of brominated oxoporphyrinogens. <i>Dalton Transactions</i> , 2016 , 45, 4006-16	4.3	6
7	High singlet oxygen production and negative solvatochromism of octabrominated 3-pyrrolyl boron dipyrromethenes. <i>RSC Advances</i> , 2016 , 6, 24111-24114	3.7	7
6	Axially assembled photosynthetic reaction center mimics composed of tetrathiafulvalene, aluminum(III) porphyrin and fullerene entities. <i>Nanoscale</i> , 2015 , 7, 12151-65	7.7	45
5	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, 16005-16	4.8	15
4	Phenothiazine-BODIPY-fullerene triads as photosynthetic reaction center models: substitution and solvent polarity effects on photoinduced charge separation and recombination. <i>Chemistry - A European Journal</i> , 2014 , 20, 17100-12	4.8	69
3	Pyrazinacenes: aza analogues of acenes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8914-23	4.2	55
2	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10559-10572	3.8	30
1	Highly nonplanar, electron deficient, N-substituted tetra-oxocyclohexadienylidene porphyrinogens: structural, computational, and electrochemical investigations. <i>Journal of Organic Chemistry</i> , 2004 , 69, 5861-9	4.2	56