

Francis D Souza

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.

396
papers

15,771
citations

65
h-index

106
g-index

435
ext. papers

16,892
ext. citations

6
avg. IF

6.83
L-index

#	Paper	IF	Citations
396	Singlet Oxygen Generation in Peripherally Modified Platinum and Palladium Porphyrins: Effect of Triplet Excited State Lifetimes and meso-Substituents on O Quantum Yields.. <i>ChemPlusChem</i> , 2022 , e202200010	2.8	10
395	Selective Impedimetric Chemosensing of Carcinogenic Heterocyclic Aromatic Amine in Pork by dsDNA-Mimicking Molecularly Imprinted Polymer Film-Coated Electrodes. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 14689-14698	5.7	2
394	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
393	Functionalized push-pull opp-dibenzoporphyrins as sensitizers for dye-sensitized solar cells: the push group effect. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 27692-27700	13	1
392	Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self-assembly behaviours. <i>Communications Chemistry</i> , 2021 , 4,	6.3	5
391	Unveiling the Photoinduced Electron-Donating Character of MoS ₂ in Covalently Linked Hybrids Featuring Perylenediimide. <i>Angewandte Chemie</i> , 2021 , 133, 9202-9208	3.6	
390	Unveiling the Photoinduced Electron-Donating Character of MoS in Covalently Linked Hybrids Featuring Perylenediimide. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9120-9126	16.4	3
389	Donor-acceptor conjugates derived from cobalt porphyrin and fullerene via metal-ligand axial coordination: Formation and excited state charge separation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 533-546	1.8	4
388	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
387	Symmetric and Asymmetric Push-Pull Conjugates: Significance of Pull Group Strength on Charge Transfer and Separation. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4067-4075	3.4	7
386	Fluorinated aluminum(III) porphyrins: Synthesis, spectroscopy, electrochemistry and photochemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 456-468	1.8	1
385	Excited state dynamics and electron transfer in a phosphorus(V) porphyrin TEMPO conjugate. <i>Journal of Chemical Sciences</i> , 2021 , 133, 1	1.8	0
384	Self-Assembly-Directed Organization of a Fullerene-Bisporphyrin into Supramolecular Giant Donut Structures for Excited-State Charge Stabilization. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11199-11208	16.4	2
383	Photoinduced Electron Transfer in Axially Coordinated Supramolecular Zinc Tetrapyrrole Bis(styryl)BODIPY Donor-Acceptor Conjugates. <i>ChemPhotoChem</i> , 2021 , 5, 260-269	3.3	2
382	Electrochemical sensor for selective tyramine determination, amplified by a molecularly imprinted polymer film. <i>Bioelectrochemistry</i> , 2021 , 138, 107695	5.6	10
381	A charge transfer state induced by strong exciton coupling in a cofacial Exo-bridged porphyrin heterodimer. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 960-970	3.6	10
380	One-Photon Excitation Followed by a Three-Step Sequential Energy-Energy-Electron Transfer Leading to a Charge-Separated State in a Supramolecular Tetrad Featuring Benzothiazole-Boron-Dipyrromethene-Zinc Porphyrin-C. <i>Chemistry - A European Journal</i> , 2021 , 27, 2184-2195	4.8	4

379	A2 and A2B2 Benzoporphyrins as sensitizers for dye-sensitized solar cells 2021 , 1077-1088		
378	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
377	Communication Electrochemical Reduction of N ₂ to Ammonia by Vanadium Oxide Thin Films at Neutral pH: Oxophilicity and the NRR Reaction. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 026504	3.9	3
376	Synthesis and photoinduced charge stabilization in molecular tetrads featuring covalently linked triphenylamine-oligothiophene-BODIPY-C60. <i>Journal of Chemical Sciences</i> , 2021 , 133, 1	1.8	1
375	Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. <i>Angewandte Chemie</i> , 2021 , 133, 20681-20690	3.6	1
374	Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20518-20527	16.4	4
373	Excited State Charge Separation in an Azobenzene-Bridged Perylene diimide Dimer - Effect of Photochemical Trans-Cis Isomerization. <i>Chemistry - A European Journal</i> , 2021 , 27, 14996-15005	4.8	1
372	Charge-Transfer in Panchromatic Porphyrin-Tetracyanobuta-1,3-Diene-Donor Conjugates: Switching the Role of Porphyrin in the Charge Separation Process. <i>Chemistry - A European Journal</i> , 2021 , 27, 14335-14344	4.8	1
371	Photoinduced energy and electron transfer in a cofacial aluminum(III) porphyrin [Phosphorus(V) porphyrin heterodimer. <i>Journal of Photochemistry and Photobiology</i> , 2021 , 8, 100069	0.8	0
370	ScN@-C based donor-acceptor conjugate: role of thiophene spacer in promoting ultrafast excited state charge separation.. <i>RSC Advances</i> , 2020 , 10, 19861-19866	3.7	2
369	Excited state electron transfer in A2 and A2B2 functionalized zinc porphyrins carrying rigid and flexible pyrrole extended substituents. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 904-919	1.8	1
368	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
367	Rotaxation as a sequestering template to preclude incidental metal insertion in complex oligochromophores. <i>Chemical Communications</i> , 2020 , 56, 7447-7450	5.8	1
366	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
365	Preparation, Photophysical and Electrochemical Evaluation of an Azaborondipyromethene/Zinc Porphyrin/Graphene Supramolecular Nanoensemble. <i>Chemistry - A European Journal</i> , 2020 , 26, 6652-6661	4.8	6
364	Excited-State Electron Transfer in 1,1,4,4-Tetracyanobuta-1,3-diene (TCBD)- and Cyclohexa-2,5-diene-1,4-diylidene-Expanded TCBD-Substituted BODIPY-Phenothiazine Donor-Acceptor Conjugates. <i>Chemistry - A European Journal</i> , 2020 , 26, 6869-6878	4.8	18
363	Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes. <i>Chemical Science</i> , 2020 , 11, 2614-2620	9.4	3
362	Exploring NIR Aza-BODIPY-Based Polarity Sensitive Probes with ON-and-OFF Fluorescence Switching in Pluronic Nanoparticles. <i>Polymers</i> , 2020 , 12,	4.5	11

361	Electropolymerizable meso-Tetrakis Biphenyl-Bis(bithiophene) Zinc Porphyrin: Ground and Excited State Properties in Solution and in Films with Axially Coordinated C60. <i>ECS Journal of Solid State Science and Technology</i> , 2020 , 9, 061008	2	1
360	Formation of Highly Efficient, Long-Lived Charge Separated States in Star-Shaped Ferrocene-Diketopyrrolopyrrole-Triphenylamine Donor-Acceptor-Donor Conjugates. <i>Chemistry - A European Journal</i> , 2020 , 26, 15109-15115	4.8	7
359	Supramolecular ultrafast energy and electron transfer in a directly linked BODIPY-oxoporphyrinogen dyad upon fluoride ion binding. <i>Chemical Communications</i> , 2020 , 56, 3855-3858	5.8	6
358	Distance Matters: Effect of the Spacer Length on the Photophysical Properties of Multimodular Perylene diimide-Silicon Phthalocyanine-Fullerene Triads. <i>Chemistry - A European Journal</i> , 2020 , 26, 4822-4832	4.8	6
357	Decelerating Charge Recombination Using Fluorinated Porphyrins in -Bis(3,4,5-trimethoxyphenyl)aniline-Aluminum(III) Porphyrin-Fullerene Reaction Center Models. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10008-10024	16.4	17
356	Exclusive triplet electron transfer leading to long-lived radical ion-pair formation in an electron rich platinum porphyrin covalently linked to fullerene dyad. <i>Chemical Communications</i> , 2020 , 56, 6058-6061	5.8	10
355	Triplet photosensitizer-nanotube conjugates: synthesis, characterization and photochemistry of charge stabilizing, palladium porphyrin/carbon nanotube conjugates. <i>Nanoscale</i> , 2020 , 12, 9890-9898	7.7	3
354	Review Two Different Multiple Photosynthetic Reaction Centers Using Either Zinc Porphyrinic Oligopeptide-Fulleropyrrolidine or Free-Base Porphyrinic Polypeptide-Li+@C60 Supramolecular Complexes. <i>ECS Journal of Solid State Science and Technology</i> , 2020 , 9, 061026	2	2
353	Diporphyrin tweezer for multichannel spectroscopic analysis of enantiomeric excess. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 28-40	4.5	4
352	Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23697-23705	16.4	8
351	meso- and Pyrrole-Linked Chlorin-Bacteriochlorin Dyads for Promoting Far-Red FRET and Singlet Oxygen Production. <i>Chemistry - A European Journal</i> , 2020 , 26, 14996-15006	4.8	5
350	Titelbild: Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation (<i>Angew. Chem.</i> 52/2020). <i>Angewandte Chemie</i> , 2020 , 132, 23549-23549	3.6	1
349	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
348	Nickel(II) Bisporphyrin-Fused Pentacenes Exhibiting Abnormal High Stability. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20075-20082	16.4	4
347	Nickel(II) Bisporphyrin-Fused Pentacenes Exhibiting Abnormal High Stability. <i>Angewandte Chemie</i> , 2020 , 132, 20250-20257	3.6	1
346	Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates. <i>ChemPhysChem</i> , 2020 , 21, 2254-2262	3.2	4
345	Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. <i>Angewandte Chemie</i> , 2020 , 132, 23905-23913	3.6	5
344	Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates. <i>ChemPhysChem</i> , 2020 , 21, 2232	3.2	

343	Protein Determination with Molecularly Imprinted Polymer Recognition Combined with Birefringence Liquid Crystal Detection. <i>Sensors</i> , 2020 , 20,	3.8	9
342	A Synthetic Approach to μ -Functionalized Naphtho[2,3]porphyrins. <i>Organic Letters</i> , 2020 , 22, 7078-7082	6.2	2
341	Triplet BODIPY and AzaBODIPY Derived Donor-acceptor Dyads: Competitive Electron Transfer versus Intersystem Crossing upon Photoexcitation. <i>ChemPhotoChem</i> , 2020 , 4, 68-81	3.3	13
340	Charge stabilization electron exchange: excited charge separation in symmetric, central triphenylamine derived, dimethylaminophenyl-tetracyanobutadiene donor-acceptor conjugates. <i>Chemical Science</i> , 2020 , 12, 1109-1120	9.4	13
339	Conversion of Large-Bandgap Triphenylamine-Benzothiadiazole to Low-Bandgap, Wide-Band Capturing Donor-Acceptor Systems by Tetracyanobutadiene and/or Dicyanoquinodimethane Insertion for Ultrafast Charge Separation. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23382-23389	3.8	21
338	Polymer network of graphene oxide with covalently attached 2-(4'-Hydroxyphenyl)fulleropyrrolidine and Palladium: Synthesis, properties and theoretical studies. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019 , 249, 111101	3.1	4
337	Occurrence of excited state charge separation in a N-doped graphene-berylenediimide hybrid formed via click chemistry. <i>Nanoscale Advances</i> , 2019 , 1, 4009-4015	5.1	3
336	Strong Ground- and Excited-State Charge Transfer in C ₃ -Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadine and Expanded Conjugates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4350-4355	16.4	24
335	Strong Ground- and Excited-State Charge Transfer in C ₃ -Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadine and Expanded Conjugates. <i>Angewandte Chemie</i> , 2019 , 131, 4394-4399	3.6	17
334	Oligonucleotide Analogs and Mimics for Sensing Macromolecular Biocompounds. <i>Trends in Biotechnology</i> , 2019 , 37, 1051-1062	15.1	8
333	μ -Functionalized push-pull opp-dibenzoporphyrins as sensitizers for dye-sensitized solar cells: the role of the phenylethynyl bridge. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10712-10722	13	20
332	Active Control of Coherent Dynamics in Hybrid Plasmonic MoS ₂ Monolayers with Dressed Phonons. <i>ACS Photonics</i> , 2019 , 6, 1645-1655	6.3	4
331	Excited-State Charge Transfer in Covalently Functionalized MoS ₂ with a Zinc Phthalocyanine Donor-Acceptor Hybrid. <i>Angewandte Chemie</i> , 2019 , 131, 5768-5773	3.6	14
330	Promoting bioanalytical concepts in genetics: A TATA box molecularly imprinted polymer as a small isolated fragment of the DNA damage repairing system. <i>Materials Science and Engineering C</i> , 2019 , 100, 1-10	8.3	6
329	Facile Fabrication of Surface-Imprinted Macroporous Films for Chemosensing of Human Chorionic Gonadotropin Hormone. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9265-9276	9.5	21
328	Surface anchored self-assembled reaction centre mimics as photoanodes consisting of a secondary electron donor, aluminium(iii) porphyrin and TiO semiconductor. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 19612-19622	3.6	4
327	Push-Pull Porphyrins via μ -Pyrrole Functionalization: Evidence of Excited State Events Leading to High-Potential Charge-Separated States. <i>Chemistry - A European Journal</i> , 2019 , 25, 12991-13001	4.8	11
326	Acceleration and Stabilization of Electron Transfer Products with Improved Quantum Yields upon Cation Binding to a Fused Bis-Zinc Porphyrin-Quinone Donor-Acceptor Conjugate. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 22066-22073	3.8	4

- 325 Synthesis, Spectral, Electrochemical and Photovoltaic Studies of A B Porphyrinic Dyes having Peripheral Donors. *ChemPhysChem*, **2019**, 20, 2627-2634 3.2 6
- 324 Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. *Dalton Transactions*, **2019**, 48, 15583-15596 4.3 10
- 323 Bidirectional charge-transfer behavior in carbon-based hybrid nanomaterials. *Nanoscale*, **2019**, 11, 14978-14992 7.1 11
- 322 Directly Linked Zinc Phthalocyanine-Perylenediimide Dyads and a Triad for Ultrafast Charge Separation. *Chemistry - A European Journal*, **2019**, 25, 10123-10132 4.8 7
- 321 A2 and A2B2 Benzoporphyrins as sensitizers for dye-sensitized solar cells. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 599-610 1.8 4
- 320 Absorption and emission modulation in a MoS₂/TaN (0001) heterostructure by interface phonon-exciton coupling. *Photonics Research*, **2019**, 7, 1511 6 5
- 319 Multimodal switching of a redox-active macrocycle. *Nature Communications*, **2019**, 10, 1007 17.4 13
- 318 Excited-State Charge Transfer in Covalently Functionalized MoS with a Zinc Phthalocyanine Donor-Acceptor Hybrid. *Angewandte Chemie - International Edition*, **2019**, 58, 5712-5717 16.4 33
- 317 Amphiprotism-Coupled Near-Infrared Emission in Extended Pyrazinacenes Containing Seven Linearly Fused Pyrazine Units. *Journal of the American Chemical Society*, **2019**, 141, 19570-19574 16.4 6
- 316 Increasing the complexity of oxoporphyrinogen colorimetric sensing chromophores: N-alkylation and μ -substitution. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1184-1194 1.8 3
- 315 A zinc phthalocyanine-benzoperylenetriimide conjugate for solvent dependent ultrafast energy vs. electron transfer. *Chemical Communications*, **2019**, 55, 14946-14949 5.8 2
- 314 Sequential, Ultrafast Energy Transfer and Electron Transfer in a Fused Zinc Phthalocyanine-free-base Porphyrin-C Supramolecular Triad. *ChemPhysChem*, **2019**, 20, 163-172 3.2 11
- 313 High-Energy Charge-Separated States by Reductive Electron Transfer Followed by Electron Shift in the Tetraphenylethylene-Aluminum(III) Porphyrin-Bullerene Triad. *Journal of Physical Chemistry C*, **2019**, 123, 131-143 3.8 20
- 312 Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a Ru(II)(2,2'-bpy)₂ Derivative. *European Journal of Inorganic Chemistry*, **2018**, 2018, 2541-2548 2.3 5
- 311 Supramolecular complex of a fused zinc phthalocyanine-zinc porphyrin dyad assembled by two imidazole-C units: ultrafast photoevents. *Physical Chemistry Chemical Physics*, **2018**, 20, 7798-7807 3.6 17
- 310 Ping-Pong Energy Transfer in a Boron Dipyrromethane Containing Pt(II)-Schiff Base Complex: Synthesis, Photophysical Studies, and Anti-Stokes Shift Increase in Triplet-Triplet Annihilation Upconversion. *Inorganic Chemistry*, **2018**, 57, 4877-4890 5.1 24
- 309 Paddle-Wheel BODIPY-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 2.8 9
- 308 Edge-on and face-on functionalized Pc on enriched semiconducting SWCNT hybrids. *Nanoscale*, **2018**, 10, 5205-5213 7.7 15

307	Charge Stabilization in High-Potential Zinc Porphyrin-Fullerene via Axial Ligation of Tetrathiafulvalene. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13636-13647	3.8	15
306	Investigation of the push/pull effects on π -functionalized zinc porphyrin coordinated to C ₆₀ donor-acceptor conjugates. <i>Canadian Journal of Chemistry</i> , 2018 , 96, 881-889	0.9	4
305	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
304	Axially substituted phosphorous(V) corrole with polycyclic aromatic hydrocarbons: syntheses, X-ray structures, and photoinduced energy and electron transfer studies. <i>New Journal of Chemistry</i> , 2018 , 42, 8230-8240	3.6	10
303	Synthesis and application of a "plastic antibody" in electrochemical microfluidic platform for oxytocin determination. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 251-258	11.8	28
302	New thiophene-based C fullerene derivatives as efficient electron transporting materials for perovskite solar cells. <i>New Journal of Chemistry</i> , 2018 , 42, 14551-14558	3.6	24
301	Oligonucleotide Determination via Peptide Nucleic Acid Macromolecular Imprinting in an Electropolymerized CG-Rich Artificial Oligomer Analogue. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27562-27569	9.5	19
300	C-Symmetric Positional Isomers of BODIPY Substituted Triazines: Synthesis and Excited State Properties. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4829-4837	2.8	6
299	N-Doped graphene/C covalent hybrid as a new material for energy harvesting applications. <i>Chemical Science</i> , 2018 , 9, 8221-8227	9.4	7
298	Plasmonically Induced Transparency in Graphene Oxide Quantum Dots with Dressed Phonon States. <i>ACS Photonics</i> , 2018 , 5, 614-620	6.3	6
297	Triplet electron transfer and spin polarization in a palladium porphyrin-fullerene conjugate. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 28223-28231	3.6	15
296	Charge-separation in panchromatic, vertically positioned bis(donor styryl)BODIPY-aluminum(iii) porphyrin-fullerene supramolecular triads. <i>Nanoscale</i> , 2018 , 10, 20723-20739	7.7	17
295	Photoinduced energy transfer in carbazole-BODIPY dyads. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 27418-27428	3.6	17
294	Synthesis, Electrochemical and Photochemical Studies on π -Extended Mono- π -Functionalized Porphyrin Dyads. <i>ChemPhotoChem</i> , 2018 , 3, 151	3.3	
293	Interfacing Transition Metal Dichalcogenides with Carbon Nanodots for Managing Photoinduced Energy and Charge-Transfer Processes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13488-13496	16.4	35
292	Determination of Asymmetric Dimethylarginine by Using Organic Semiconductor-Based Molecularly Imprinted Polymer Film. <i>ECS Journal of Solid State Science and Technology</i> , 2018 , 7, Q3189-Q3195	3	0
291	Intramolecular Energy and Electron Transfers in Bodipy Naphthalenediimide Triads. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 6081-6088	2.8	15
290	Multichromophoric Perylenediimide-Silicon Phthalocyanine-C System as an Artificial Photosynthetic Analogue. <i>Chemistry - A European Journal</i> , 2017 , 23, 3863-3874	4.8	23

289	Programmed Transfer of Sequence Information into a Molecularly Imprinted Polymer for Hexakis(2,2'-bithien-5-yl) DNA Analogue Formation toward Single-Nucleotide-Polymorphism Detection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3948-3958	9.5	20
288	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
287	Evolution of Molecular Design of Porphyrin Chromophores for Photovoltaic Materials of Superior Light-to-Electricity Conversion Efficiency. <i>Solar Rrl</i> , 2017 , 1, 1600002	7.1	40
286	Hierarchical templating in deposition of semi-covalently imprinted inverse opal polythiophene film for femtomolar determination of human serum albumin. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 155-161	11.8	35
285	Investigation of the push-pull effects on π -functionalized benzoporphyrins bearing an ethynylphenyl bridge. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 13182-13188	3.6	9
284	Ultrafast Charge-Separation in Triphenylamine-BODIPY-Derived Triads Carrying Centrally Positioned, Highly Electron-Deficient, Dicyanoquinodimethane or Tetracyanobutadiene Electron-Acceptors. <i>Chemistry - A European Journal</i> , 2017 , 23, 9192-9200	4.8	24
283	Charge stabilizing tris(triphenylamine)-zinc porphyrin-carbon nanotube hybrids: synthesis, characterization and excited state charge transfer studies. <i>Nanoscale</i> , 2017 , 9, 7551-7558	7.7	28
282	Interfacial Electron Transfer Followed by Photooxidation in N,N-Bis(p-anisole)aminopyridine-Aluminum(III) Porphyrin-Titanium(IV) Oxide Self-Assembled Photoanodes. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 14484-14497	3.8	9
281	Competitive Energy and Electron Transfer in π -Functionalized Free-Base Porphyrin-Zinc Porphyrin Dimer Axially Coordinated to C : Synthesis, Supramolecular Formation and Excited-State Processes. <i>Chemistry - A European Journal</i> , 2017 , 23, 12805-12814	4.8	9
280	"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
279	Phenothiazine-Sensitized Solar Cells: Effect of Number of Cyanocinnamic Acid Anchoring Groups on Dye-Sensitized Solar Cell Performance. <i>ChemPlusChem</i> , 2017 , 82, 896-903	2.8	7
278	Excited State Charge Separation in Solution and in Electropolymerized Films of Terthiophene-Fullerene Dyad and Phenothiazine-Terthiophene-Fullerene Triad. <i>ECS Journal of Solid State Science and Technology</i> , 2017 , 6, M3007-M3013	2	2
277	Molecularly imprinted polymer based extended-gate field-effect transistor chemosensors for phenylalanine enantioselective sensing. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 969-977	7.1	32
276	Controlling electron and energy transfer paths by selective excitation in a zinc porphyrin-BODIPY-C multi-modular triad. <i>Nanoscale</i> , 2017 , 9, 18054-18065	7.7	10
275	Axially Assembled Photosynthetic Antenna-Reaction Center Mimics Composed of Boron Dipyrromethenes, Aluminum Porphyrin, and Fullerene Derivatives. <i>Inorganic Chemistry</i> , 2017 , 56, 10268-10280	5.1	24
274	Impact of fullerene derivative isomeric purity on the performance of inverted planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19485-19490	13	25
273	Geometry-Controlled Photoinduced Charge Separation and Recombination in a Trans-A2B2-Functionalized Donor-Acceptor Conjugate Composed of a Multimodular Zinc Porphyrin and Fullerene. <i>ChemPhotoChem</i> , 2017 , 1, 5-5	3.3	
272	Porphyrinoid rotaxanes: building a mechanical picket fence. <i>Chemical Science</i> , 2017 , 8, 6679-6685	9.4	21

271	Functionalized Push-Pull <i>opp</i> -Dibenzoporphyrins as Sensitizers for Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2749-2762	4.5	17
270	Chemical functionalization and characterization of graphene-based materials. <i>Chemical Society Reviews</i> , 2017 , 46, 4464-4500	58.5	285
269	Strongly Coupled Oxasmaragdyrin-BF Chelated Dipyrin Dyads: Syntheses, X-ray Structure, Ground- and Excited-State Charge-Transfer Interactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 1546-1556	4.8	10
268	Molecularly Imprinted Polymer Chemosensor for Selective Determination of an N-Nitroso-l-proline Food Toxin. <i>Chemistry - A European Journal</i> , 2017 , 23, 1942-1949	4.8	15
267	Direct determination of small RNAs using a biotinylated polythiophene impedimetric genosensor. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 1012-1019	11.8	42
266	Geometry-Controlled Photoinduced Charge Separation and Recombination in a Trans-A2B2-Functionalized Donor-Acceptor Conjugate Composed of a Multimodular Zinc Porphyrin and Fullerene. <i>ChemPhotoChem</i> , 2017 , 1, 17-25	3.3	7
265	Semi-Covalent Imprinting for Selective Protein Sensing at a Femtomolar Concentration Level. <i>Proceedings (mdpi)</i> , 2017 , 1, 771	0.3	
264	Self-Reporting Molecularly Imprinted Polymer for Label-Free Selective Electrochemical Sensing of p-syneprine. <i>Proceedings (mdpi)</i> , 2017 , 1, 772	0.3	
263	A Dual-Modality System for Both Multi-Color Ultrasound-Switchable Fluorescence and Ultrasound Imaging. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	12
262	The Mechanisms and Biomedical Applications of an NIR BODIPY-Based Switchable Fluorescent Probe. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	13
261	Sequential energy transfer followed by electron transfer in a BODIPY-bisstyrylBODIPY bound to C triad via a 'two-point' binding strategy. <i>Chemical Communications</i> , 2017 , 54, 54-57	5.8	21
260	Molecularly Imprinted Polymers as Synthetic Catalysts 2016 , 183-210		
259	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
258	Molecularly Imprinted Polymer (MIP) Film with Improved Surface Area Developed by Using Metal-Organic Framework (MOF) for Sensitive Lipocalin (NGAL) Determination. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19860-5	9.5	46
257	Plasmonic Enhancement of Biosolar Cells Employing Light Harvesting Complex II Incorporated with Core-Shell Metal@TiO ₂ Nanoparticles. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600371	4.6	19
256	Phosphorus(V) Porphyrin-Manganese(II) Terpyridine Conjugates: Synthesis, Spectroscopy, and Photo-Oxidation Studies on a SnO Surface. <i>Inorganic Chemistry</i> , 2016 , 55, 11383-11395	5.1	14
255	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
254	Synthesis and photochemical studies of a tris(4-iodophenoxy) subphthalocyaninato boron(III)-fulleropyrrolidine dyad. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 987-996	1.8	5

253	Photoinduced charge separation in wide-band capturing, multi-modular bis(donor styryl)BODIPY-fullerene systems. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18187-200	3.6	24
252	Ultrafast electron transfer in all-carbon-based SWCNT-C60 donor-acceptor nanoensembles connected by poly(phenylene-ethynylene) spacers. <i>Nanoscale</i> , 2016 , 8, 14716-24	7.7	15
251	Design and photochemical study of supramolecular donor-acceptor systems assembled via metal-ligand axial coordination. <i>Coordination Chemistry Reviews</i> , 2016 , 322, 104-141	23.2	140
250	Photoinduced charge separation in an oligophenylenevinylene-based Hamilton-type receptor supramolecularly associating two C60-barbiturate guests. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 811-7	3.6	8
249	Syntheses, Charge Separation, and Inverted Bulk Heterojunction Solar Cell Application of Phenothiazine-Fullerene Dyads. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8481-90	9.5	39
248	Modulating the generation of long-lived charge separated states exclusively from the triplet excited states in palladium porphyrin-fullerene conjugates. <i>Nanoscale</i> , 2016 , 8, 8333-44	7.7	31
247	Anion binding, electrochemistry and solvatochromism of μ -brominated oxoporphyrinogens. <i>Dalton Transactions</i> , 2016 , 45, 4006-16	4.3	6
246	Selective octabromination of tetraarylporphyrins based on meso-substituent identity: Structural and electrochemical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 213-222	1.8	5
245	High singlet oxygen production and negative solvatochromism of octabrominated 3-pyrrolyl boron dipyrromethenes. <i>RSC Advances</i> , 2016 , 6, 24111-24114	3.7	7
244	An electropolymerized molecularly imprinted polymer for selective carnosine sensing with impedimetric capacity. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1156-1165	7.3	16
243	Potentiometric chemosensor for neopterin, a cancer biomarker, using an electrochemically synthesized molecularly imprinted polymer as the recognition unit. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 565-72	11.8	37
242	Competitive electron transfer in a novel, broad-band capturing, subphthalocyanine-AzaBODIPY-C60 supramolecular triad. <i>Chemical Communications</i> , 2016 , 52, 579-81	5.8	25
241	High-Resolution Ultrasound-Switchable Fluorescence Imaging in Centimeter-Deep Tissue Phantoms with High Signal-To-Noise Ratio and High Sensitivity via Novel Contrast Agents. <i>PLoS ONE</i> , 2016 , 11, e0163963	3.7	16
240	Panchromatic Light Capture and Efficient Excitation Transfer Leading to Near-IR Emission of BODIPY Oligomers. <i>ChemPhysChem</i> , 2016 , 17, 2516-24	3.2	25
239	Effect of Spacer Connecting the Secondary Electron Donor Phenothiazine in Subphthalocyanine-Fullerene Conjugates in Promoting Electron Transfer Followed by Hole Shift Process. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1246-56	4.5	9
238	Chemosensor for Selective Determination of 2,4,6-Trinitrophenol Using a Custom Designed Imprinted Polymer Recognition Unit Cross-Linked to a Fluorophore Transducer. <i>ACS Sensors</i> , 2016 , 1, 636-639	9.2	29
237	Metalloporphyrins in Solar Energy Conversion 2016 , 171-262		9
236	A High-Energy Charge-Separated State of 1.70 eV from a High-Potential Donor-Acceptor Dyad: A Catalyst for Energy-Demanding Photochemical Reactions. <i>Angewandte Chemie</i> , 2016 , 128, 11689-11693	3.6	15

235	Tautomerism in Oxoporphyrinogens and Pyrazinacenes 2016 , 203-228		
234	A High-Energy Charge-Separated State of 1.70 eV from a High-Potential Donor-Acceptor Dyad: A Catalyst for Energy-Demanding Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11517-21	16.4	38
233	Tuning Optical and Electron Donor Properties by Peripheral Thio-Aryl Substitution of Subphthalocyanine: A New Series of Donor-Acceptor Hybrids for Photoinduced Charge Separation. <i>Chemistry - A European Journal</i> , 2016 , 22, 13301-11	4.8	10
232	Charge separation in graphene-decorated multimodular tris(pyrene)-subphthalocyanine-fullerene donor-acceptor hybrids. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5088-92	16.4	42
231	Cytosine derivatized bis(2,2'-bithienyl)methane molecularly imprinted polymer for selective recognition of 6-thioguanine, an antitumor drug. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 153-60	11.8	33
230	Charge separation in supramolecular ferrocene(s)-zinc porphyrin-fullerene triads: A femtosecond transient absorption study. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 270-280	1.8	7
229	Solar Water Splitting Combining a BiVO ₄ Light Absorber with a Ru-Based Molecular Cocatalyst. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 7275-7281	3.8	65
228	Selective electrochemical sensing of human serum albumin by semi-covalent molecular imprinting. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 960-6	11.8	101
227	Extended-gate field-effect transistor (EG-FET) with molecularly imprinted polymer (MIP) film for selective inosine determination. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 526-33	11.8	30
226	Directly Connected AzaBODIPY-BODIPY Dyad: Synthesis, Crystal Structure, and Ground- and Excited-State Interactions. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 8338-48	2.8	24
225	Chlorin e6 sensitized photovoltaic cells: effect of co-adsorbents on cell performance, charge transfer resistance, and charge recombination dynamics. <i>Journal of Photonics for Energy</i> , 2015 , 5, 053089 ^{1,2}		8
224	Functionalized polythiophenes: Recognition materials for chemosensors and biosensors of superior sensitivity, selectivity, and detectability. <i>Progress in Polymer Science</i> , 2015 , 47, 1-25	29.6	102
223	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
222	Covalent decoration onto the outer walls of double walled carbon nanotubes with perylenediimides. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4960-4969	7.1	15
221	Synergistic catalytic effect of iron metallic glass particles in direct blue dye degradation. <i>Journal of Materials Research</i> , 2015 , 30, 1121-1127	2.5	17
220	Multi-modular, tris(triphenylamine) zinc porphyrin-zinc phthalocyanine-fullerene conjugate as a broadband capturing, charge stabilizing, photosynthetic 'antenna-reaction center' mimic. <i>Nanoscale</i> , 2015 , 7, 6813-26	7.7	39
219	Dual Functioning Thieno-Pyrrole Fused BODIPY Dyes for NIR Optical Imaging and Photodynamic Therapy: Singlet Oxygen Generation without Heavy Halogen Atom Assistance. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1335-43	4.5	65
218	Vectorial Charge Separation and Selective Triplet-State Formation during Charge Recombination in a Pyrrolyl-Bridged BODIPY Fullerene Dyad. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 8095-8102	3.8	56

217	Peripheral versus axial substituted phthalocyanine-double-walled carbon nanotube hybrids as light harvesting systems. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10215-10224	7.1	15
216	Ultrafast Photoinduced Electron Transfer and Charge Stabilization in Donor-Acceptor Dyads Capable of Harvesting Near-Infrared Light. <i>Chemistry - A European Journal</i> , 2015 , 21, 11483-94	4.8	44
215	Modulation of Energy Transfer into Sequential Electron Transfer upon Axial Coordination of Tetrathiafulvalene in an Aluminum(III) Porphyrin-Free-Base Porphyrin Dyad. <i>Inorganic Chemistry</i> , 2015 , 54, 8482-94	5.1	39
214	Oligothiophene/graphene supramolecular ensembles managing light induced processes: preparation, characterization, and femtosecond transient absorption studies leading to charge-separation. <i>Nanoscale</i> , 2015 , 7, 15840-51	7.7	10
213	Ultrafast charge separation and charge stabilization in axially linked 'tetrathiafulvalene-aluminum(III) porphyrin-gold(III) porphyrin' reaction center mimics. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 26346-58	3.6	22
212	Bioinspired intelligent molecularly imprinted polymers for chemosensing: A mini review. <i>Electrochemistry Communications</i> , 2015 , 50, 81-87	5.1	72
211	Breaking aggregation in a tetrathiafulvalene-fused zinc porphyrin by metal-ligand coordination to form a donor-acceptor hybrid for ultrafast charge separation and charge stabilization. <i>Dalton Transactions</i> , 2015 , 44, 359-67	4.3	16
210	Nicotine molecularly imprinted polymer: synergy of coordination and hydrogen bonding. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 657-63	11.8	25
209	Improvement in the photocurrent collection due to enhanced absorption of light by synthesizing staggered layers of silver nanoclusters in silicon 2015 ,		7
208	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
207	Ultrafast Photoinduced Charge Separation Leading to High-Energy Radical Ion-Pairs in Directly Linked Corrole-C60 and Triphenylamine-Corrole-C60 Donor-Acceptor Conjugates. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2708-19	4.5	23
206	Charge Separation in Graphene-Decorated Multimodular Tris(pyrene)SubphthalocyanineFullerene Donor-Acceptor Hybrids. <i>Angewandte Chemie</i> , 2015 , 127, 5177-5181	3.6	13
205	Porphyrine im Umbruch: invertiert, expandiert, kondensiert. <i>Angewandte Chemie</i> , 2015 , 127, 4795-4796	3.6	3
204	Expanded porphyrins: more confusion all the time. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4713-4	16.4	14
203	Triplet-Triplet Excitation Transfer in Palladium PorphyrinFullerene and Platinum PorphyrinFullerene Dyads. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 176-185	3.8	21
202	Multistep energy and electron transfer in a "V-configured" supramolecular BODIPY-azaBODIPY-fullerene triad: mimicry of photosynthetic antenna reaction-center events. <i>Chemistry - A European Journal</i> , 2015 , 21, 2669-79	4.8	36
201	Photosynthetic antenna-reaction center mimicry by using boron dipyrromethene sensitizers. <i>ChemPhysChem</i> , 2014 , 15, 30-47	3.2	197
200	Thieno-pyrrole-fused 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene-fullerene dyads: utilization of near-infrared sensitizers for ultrafast charge separation in donor-acceptor systems. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7571-4	16.4	56

199	Supramolecular tetrad featuring covalently linked bis(porphyrin)-phthalocyanine coordinated to fullerene: construction and photochemical studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 7725-35	4.8	16
198	Bisdonor-zaBODIPY-fullerene Supramolecules: Syntheses, Characterization, and Light-Induced Electron-Transfer Studies. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2321-2332	3.8	42
197	Studies on the Photocatalytic Electron Pooling of Graphene Oxide Hybrids Decorated with Electron Donor and Electron Acceptor Molecules. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 128-137	1.8	6
196	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
195	A supramolecular tetrad featuring covalently linked ferrocene-zinc porphyrin-BODIPY coordinated to fullerene: a charge stabilizing, photosynthetic antenna-reaction center mimic. <i>Chemistry - A European Journal</i> , 2014 , 20, 17089-99	4.8	51
194	Bis(subphthalocyanine)-azaBODIPY triad for ultrafast photochemical processes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18720-8	3.6	12
193	Femtosecond Transient Absorption Study of Supramolecularly Assembled Metal Tetrapyrrole-TiO ₂ Thin Films. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 16660-16671	3.8	23
192	Preferential Through-Space Charge Separation and Charge Recombination in V-Type Configured Porphyrin-zaBODIPY-fullerene Supramolecular Triads. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 18969-18982	3.8	27
191	High-potential perfluorinated phthalocyanine-fullerene dyads for generation of high-energy charge-separated states: formation and photoinduced electron-transfer studies. <i>ChemPhysChem</i> , 2014 , 15, 2462-72	3.2	33
190	Electron Transfer Studies of High Potential Zinc Porphyrin-fullerene Supramolecular Dyads. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 3994-4006	3.8	88
189	Langmuir-Blodgett films of self-assembled (alkylether-derivatized Zn phthalocyanine)-(Cl ⁻ imidazole adduct) dyad with controlled intermolecular distance for photoelectrochemical studies. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8688-701	9.5	10
188	Unexpected but convenient synthesis of soluble meso-tetrakis(3,4-benzoquinone)-substituted porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 173-181	1.8	5
187	Phenothiazine-azaBODIPY-fullerene supramolecules: syntheses, structural characterization, and photochemical studies. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 25537-47	3.6	20
186	Fullerene derived molecularly imprinted polymer for chemosensing of adenosine-5'-triphosphate (ATP). <i>Analytica Chimica Acta</i> , 2014 , 844, 61-9	6.6	27
185	A Versatile Material for a Symmetrical Electric Energy Storage Device: A Composite of the Polymer of the Ferrocene Adduct of C ₆₀ and Single-Wall Carbon Nanotubes Exhibiting Redox Conductivity at Both Positive and Negative Potentials. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 1995-2007	3.8	10
184	A 'two-point' bound zinc porphyrin-zinc phthalocyanine-fullerene supramolecular triad for sequential energy and electron transfer. <i>Chemical Communications</i> , 2013 , 49, 7614-6	5.8	31
183	Molecularly imprinted polymer of bis(2,2'-bithienyl)methanes for selective determination of adrenaline. <i>Bioelectrochemistry</i> , 2013 , 93, 37-45	5.6	40
182	Piezomicrogravimetric and impedimetric oligonucleotide biosensors using conducting polymers of biotinylated bis(2,2'-bithien-5-yl)methane as recognition units. <i>Analytical Chemistry</i> , 2013 , 85, 7454-61	7.8	16

181	Molecularly imprinted polymer for recognition of 5-fluorouracil by RNA-type nucleobase pairing. <i>Analytical Chemistry</i> , 2013 , 85, 8304-12	7.8	48
180	Photoinduced Electron Transfer of Supramolecular Carbon Nanotube Materials Decorated with Photoactive Sensitizers 2013 , 187-203		6
179	Thieno-pyrrole-fused BODIPY intermediate as a platform to multifunctional NIR agents. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 3123-32	4.5	37
178	Synthesis and photoinduced electron transfer studies of a tri(phenothiazine)-subphthalocyanine-fullerene pentad. <i>Organic Letters</i> , 2013 , 15, 4612-5	6.2	34
177	Studies of a supramolecular photoelectrochemical cell using magnesium tetraphenylporphyrin as photosensitizer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 733-741	1.8	4
176	Simultaneous chronoamperometry and piezoelectric microgravimetry determination of nitroaromatic explosives using molecularly imprinted thiophene polymers. <i>Analytical Chemistry</i> , 2013 , 85, 8361-8	7.8	44
175	Excitation-wavelength-dependent, ultrafast photoinduced electron transfer in bisferrocene/BF ₂ -chelated-azadipyrromethene/fullerene tetrads. <i>Chemistry - A European Journal</i> , 2013 , 19, 7221-30	4.8	56
174	Sequential Photoinduced Energy and Electron Transfer Directed Improved Performance of the Supramolecular Solar Cell of a Zinc Porphyrin/Zinc Phthalocyanine Conjugate Modified TiO ₂ Surface. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 763-773	3.8	52
173	Decorating single layer graphene oxide with electron donor and acceptor molecules for the study of photoinduced electron transfer. <i>Chemical Communications</i> , 2013 , 49, 2013-5	5.8	33
172	A broad-band capturing and emitting molecular triad: synthesis and photochemistry. <i>Chemical Communications</i> , 2013 , 49, 2867-9	5.8	63
171	Self-Assembled via Metal-Ligand Coordination AzaBODIPY-Zinc Phthalocyanine and AzaBODIPY-Zinc Naphthalocyanine Conjugates: Synthesis, Structure, and Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 5638-5649	3.8	47
170	Porphyrin-sensitized solar cells: effect of carboxyl anchor group orientation on the cell performance. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5314-23	9.5	121
169	A charge-stabilizing, multimodular, ferrocene-bis(triphenylamine)-zinc-porphyrin-fullerene polyad. <i>Chemistry - A European Journal</i> , 2013 , 19, 9629-38	4.8	52
168	Electrochemically synthesized molecularly imprinted polymer of thiophene derivatives for flow-injection analysis determination of adenosine-5'-triphosphate (ATP). <i>Biosensors and Bioelectronics</i> , 2013 , 41, 634-41	11.8	35
167	Photoinduced Electron Transfer Processes of Functionalized Nanocarbons; Fullerenes, Nanotubes and Graphene. <i>Science Progress</i> , 2013 , 96, 369-397	1.1	19
166	Light Harvesting, Photosensitized Electron Transfer in Nanocarbon-Sensitizer Hybrids. <i>ECS Journal of Solid State Science and Technology</i> , 2013 , 2, M3063-M3073	2	13
165	Molecular imprinting for selective chemical sensing of hazardous compounds and drugs of abuse. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 34, 59-77	14.6	88
164	Two-component polymer films of palladium and fullerene with covalently linked crown ether voids: effect of cation binding on the redox behavior. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 65-74	2.6	7

163	Nicotine, cotinine, and myosmine determination using polymer films of tailor-designed zinc porphyrins as recognition units for piezoelectric microgravimetry chemosensors. <i>Analytical Chemistry</i> , 2012 , 84, 2154-63	7.8	16
162	Light-to-electron converting panchromatic supramolecular solar cells of phthalocyanine-porphyrin heterodimers adsorbed onto nanocrystalline SnO ₂ electrodes. <i>Chemical Communications</i> , 2012 , 48, 3641-3	5.8	25
161	Phenothiazine-sensitized organic solar cells: effect of dye anchor group positioning on the cell performance. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5813-20	9.5	110
160	Antioxidant-substituted tetrapyrazinoporphyrazine as a fluorescent sensor for basic anions. <i>Chemical Communications</i> , 2012 , 48, 3951-3	5.8	21
159	A novel BF ₂ -chelated azadipyrromethene-fullerene dyad: synthesis, electrochemistry and photodynamics. <i>Chemical Communications</i> , 2012 , 48, 206-8	5.8	82
158	Comparison of amorphous iridium water-oxidation electrocatalysts prepared from soluble precursors. <i>Inorganic Chemistry</i> , 2012 , 51, 7749-63	5.1	65
157	Development of nanopatterned fluorine-doped tin oxide electrodes for dye-sensitized solar cells with improved light trapping. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1565-72	9.5	51
156	Ultrafast charge separation in supramolecular tetrapyrrole-graphene hybrids. <i>Chemical Communications</i> , 2012 , 48, 11859-61	5.8	45
155	Surface-Immobilized Single-Site Iridium Complexes for Electrocatalytic Water Splitting. <i>Angewandte Chemie</i> , 2012 , 124, 9739-9743	3.6	34
154	Rücktitelbild: Surface-Immobilized Single-Site Iridium Complexes for Electrocatalytic Water Splitting (Angew. Chem. 38/2012). <i>Angewandte Chemie</i> , 2012 , 124, 9838-9838	3.6	
153	Surface-immobilized single-site iridium complexes for electrocatalytic water splitting. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9601-5	16.4	113
152	Ultrafast photoinduced energy and electron transfer in multi-modular donor-acceptor conjugates. <i>Chemistry - A European Journal</i> , 2012 , 18, 13844-53	4.8	71
151	Supramolecular Donor-Acceptor Assembly Derived from Tetracarbazole-Zinc Phthalocyanine Coordinated to Fullerene: Design, Synthesis, Photochemical, and Photoelectrochemical Studies. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 11964-11972	3.8	36
150	Photoinduced charge separation in three-layer supramolecular nanohybrids: fullerene-porphyrin-SWCNT. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 2940-50	3.6	18
149	Control over photoinduced energy and electron transfer in supramolecular polyads of covalently linked azaBODIPY-bisporphyrin 'molecular clip' hosting fullerene. <i>Journal of the American Chemical Society</i> , 2012 , 134, 654-64	16.4	142
148	Syntheses and excitation transfer studies of near-orthogonal free-base porphyrin-ruthenium phthalocyanine dyads and pentad. <i>Inorganic Chemistry</i> , 2012 , 51, 3656-65	5.1	26
147	Recent advances in photoinduced electron transfer processes of fullerene-based molecular assemblies and nanocomposites. <i>Molecules</i> , 2012 , 17, 5816-35	4.8	101
146	Ultrafast photodriven intramolecular electron transfer from an iridium-based water-oxidation catalyst to perylene diimide derivatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15651-6	11.5	108

145	Supramolecular electron transfer by anion binding. <i>Chemical Communications</i> , 2012 , 48, 9801-15	5.8	149
144	Near-IR excitation transfer and electron transfer in a BF ₂ -chelated dipyrromethane-azadipyrromethane dyad and triad. <i>Chemistry - A European Journal</i> , 2012 , 18, 5239-47	4.8	84
143	Functionalization of diameter-sorted semiconductive SWCNTs with photosensitizing porphyrins: syntheses and photoinduced electron transfer. <i>Chemistry - A European Journal</i> , 2012 , 18, 11388-98	4.8	24
142	Photosensitized electron transfer processes of nanocarbons applicable to solar cells. <i>Chemical Society Reviews</i> , 2012 , 41, 86-96	58.5	333
141	Electrochemically synthesized polymers in molecular imprinting for chemical sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 3177-204	4.4	311
140	Carbon NanotubeBased Chemo- and Biosensors. <i>World Scientific Series on Carbon Nanoscience</i> , 2012 , 151-202	0.5	
139	Multiporphyrins-Fullerenes and Multiporphyrins-SWCNTs Mimicking Photosynthetic Antenna-Reaction Center 2012 , 389-437		25
138	Enhanced photocurrents via redox modulation by fluoride binding to oxoporphyrinogen in a zinc porphyrin-oxoporphyrinogen surface modified TiO ₂ supramolecular solar cell. <i>Chemical Communications</i> , 2011 , 47, 6003-5	5.8	35
137	Ultrafast excitation transfer and charge stabilization in a newly assembled photosynthetic antenna-reaction center mimic composed of boron dipyrin, zinc porphyrin and fullerene. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 18168-78	3.6	53
136	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. <i>Chemical Communications</i> , 2011 , 47, 7980-2	5.8	69
135	Preparation, Properties, and Application of Polymer Composites of Carbon Nanotubes. <i>World Scientific Series on Carbon Nanoscience</i> , 2011 , 693-753	0.5	3
134	Syntheses, electrochemistry, and photodynamics of ferrocene-azadipyrromethane donor-acceptor dyads and triads. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 9810-9	2.8	63
133	Bionano donor-acceptor hybrids of porphyrin, ssDNA, and semiconductive single-wall carbon nanotubes for electron transfer via porphyrin excitation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19922-30	16.4	44
132	Multiple photosynthetic reaction centres using zinc porphyrinic oligopeptide-fulleropyrrolidine supramolecular complexes. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 17019-22	3.6	39
131	Photoinduced processes of the supramolecularly functionalized semi-conductive SWCNTs with porphyrins via ion-pairing interactions. <i>Energy and Environmental Science</i> , 2011 , 4, 707-716	35.4	35
130	Distinguishing homogeneous from heterogeneous catalysis in electrode-driven water oxidation with molecular iridium complexes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10473-81	16.4	263
129	Diameter-sorted SWCNT-porphyrin and SWCNT-phthalocyanine conjugates for light-energy harvesting. <i>ChemPhysChem</i> , 2011 , 12, 2266-73	3.2	46
128	Photochemical charge separation in closely positioned donor-boron dipyrin-fullerene triads. <i>Chemistry - A European Journal</i> , 2011 , 17, 3147-56	4.8	57

127	Near unity photon-to-electron conversion efficiency of photoelectrochemical cells built on cationic water-soluble porphyrins electrostatically decorated onto thin-film nanocrystalline SnO ₂ surface. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 2368-76	9.5	25
126	Formation and photoinduced properties of zinc porphyrin-SWCNT and zinc phthalocyanine-SWCNT nanohybrids using diameter sorted nanotubes assembled via metal-ligand coordination and π stacking. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1033-1043	1.8	18
125	Photoinduced electron transfer in a directly linked meso-triphenylamine zinc porphyrin-quinone dyad. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 391-400	1.8	8
124	Handbook of Carbon Nano Materials. <i>World Scientific Series on Carbon Nanoscience</i> , 2011 ,	0.5	21
123	Photoinduced Electron Transfer of SWCNT-Based Supramolecular Nanoarchitectures with Photosensitizing Molecules. <i>Transactions of the Materials Research Society of Japan</i> , 2011 , 36, 341-344	0.2	
122	4 Tetrapyrrole Nanocarbon Hybrids: Self-Assembly and Photoinduced Electron Transfer. <i>Handbook of Porphyrin Science</i> , 2010 , 307-437	0.3	13
121	Photochemical charge separation in supramolecular phthalocyanine-multifullerene conjugates assembled by crown ether-alkyl ammonium cation interactions. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 10951-9	2.8	46
120	Excitation transfer in metal-ligand coordinated free-base porphyrin-magnesium phthalocyanine and free-base porphyrin-magnesium naphthalocyanine dyads. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 948-961	1.8	10
119	Ultrafast singlet-singlet energy transfer in self-assembled via metal-ligand axial coordination of free-base porphyrin-zinc phthalocyanine and free-base porphyrin-zinc naphthalocyanine dyads. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 268-77	2.8	47
118	Electronic energy harvesting multi BODIPY-zinc porphyrin dyads accommodating fullerene as photosynthetic composite of antenna-reaction center. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7434-44	3.6	84
117	Effect of anion binding on charge stabilization in a bis-fullerene-oxoporphyrinogen conjugate. <i>Chemical Communications</i> , 2010 , 46, 7933-5	5.8	13
116	NOR and AND logic gates based on supramolecular porphyrin-fullerene conjugates. <i>Organic Letters</i> , 2010 , 12, 624-7	6.2	28
115	Charge stabilization in a closely spaced ferrocene-boron dipyririn-fullerene triad. <i>Chemical Communications</i> , 2010 , 46, 3301-3	5.8	53
114	Diameter dependent electron transfer in supramolecular nanohybrids of (6,5)- or (7,6)-enriched semiconducting SWCNT as donors and fullerene as acceptor. <i>Chemical Communications</i> , 2010 , 46, 8749-51	5.8	35
113	Sensitive efficiency of photoinduced electron transfer to band gaps of semiconductive single-walled carbon nanotubes with supramolecularly attached zinc porphyrin bearing pyrene glues. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8158-64	16.4	105
112	SWNT-Based Supramolecular Nanoarchitectures with Photosensitizing Donor and Acceptor Molecules. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 2586-2593	6.4	133
111	Supramolecular tetrad of subphthalocyanine-triphenylamine-zinc porphyrin coordinated to fullerene as an "antenna-reaction-center" mimic: formation of a long-lived charge-separated state in nonpolar solvent. <i>Chemistry - A European Journal</i> , 2010 , 16, 6193-202	4.8	98
110	Molecularly imprinted poly[bis(2,2'-bithienyl)methane] film with built-in molecular recognition sites for a piezoelectric microgravimetry chemosensor for selective determination of dopamine. <i>Bioelectrochemistry</i> , 2010 , 80, 62-72	5.6	60

109	Molecularly imprinted polymer (MIP) based piezoelectric microgravimetry chemosensor for selective determination of adenine. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2522-9	11.8	68
108	Structures and properties of hemiquinone-substituted oxoporphyrinogens. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 60-69	1.8	6
107	Supramolecular donor-acceptor hybrids of porphyrins/phthalocyanines with fullerenes/carbon nanotubes: electron transfer, sensing, switching, and catalytic applications. <i>Chemical Communications</i> , 2009 , 4913-28	5.8	445
106	Photoinduced Charge Separation in Ion-Paired Porphyrin/Single-Wall Carbon Nanotube Donor/Acceptor Hybrids. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13425-13432	3.8	55
105	Selective histamine piezoelectric chemosensor using a recognition film of the molecularly imprinted polymer of bis(bithiophene) derivatives. <i>Analytical Chemistry</i> , 2009 , 81, 2633-43	7.8	114
104	Melamine acoustic chemosensor based on molecularly imprinted polymer film. <i>Analytical Chemistry</i> , 2009 , 81, 10061-70	7.8	102
103	Conductive, capacitive, and viscoelastic properties of a new composite of the C60-pd conducting polymer and single-wall carbon nanotubes. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 6682-91	3.4	26
102	Anion-complexation-induced stabilization of charge separation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16138-46	16.4	85
101	Supramolecular Donor/Acceptor Hybrid of Electropolymerized Zinc Porphyrin with Axially Coordinated Fullerene: Formation, Characterization, and Photoelectrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8982-8989	3.8	48
100	Supramolecular solar cells: surface modification of nanocrystalline TiO ₂ with coordinating ligands to immobilize sensitizers and dyads via metal-ligand coordination for enhanced photocurrent generation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14646-7	16.4	101
99	Pyrazinacenes: aza analogues of acenes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8914-23	4.2	55
98	Through-bond photoinduced electron transfer in a porphyrin-fullerene conjugate held by a Hamilton type hydrogen bonding motif. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 1076-80	3.9	23
97	Photosynthetic antenna-reaction center mimicry: sequential energy- and electron transfer in a self-assembled supramolecular triad composed of boron dipyrrole, zinc porphyrin and fullerene. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 8478-89	2.8	88
96	Photosynthetic reaction center mimicry: low reorganization energy driven charge stabilization in self-assembled cofacial zinc phthalocyanine dimer-fullerene conjugate. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8787-97	16.4	170
95	Self-assembled tetrapyrrole/fullerene and tetrapyrrole/carbon nanotube donor/acceptor hybrids for light induced electron transfer applications. <i>Journal of Materials Chemistry</i> , 2008 , 18, 1440		143
94	Self-Assembled Supramolecular Ferrocene/Fullerene Dyads and Triad: Formation and Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2222-2229	3.8	23
93	Metal quinolinolate-fullerene(s) donor-acceptor complexes: evidence for organic LED molecules acting as electron donors in photoinduced electron-transfer reactions. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16959-67	16.4	31
92	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

91	Co-facial magnesium porphyrin dimer complexed with fullerene: photosynthetic reaction center model of 'special pair' self-assembled to electron acceptor. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 857-865	1.8	13
90	Preparation and selected properties of a composite of the C60-Pd conducting polymer and single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2292-2295	1.3	12
89	Face-to-face pacman-type porphyrin-fullerene dyads: design, synthesis, charge-transfer interactions, and photophysical studies. <i>Chemistry - A European Journal</i> , 2008 , 14, 674-81	4.8	69
88	Corrole-fullerene dyads: formation of long-lived charge-separated states in nonpolar solvents. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14263-72	16.4	165
87	Multi-triphenylamine-substituted porphyrin-fullerene conjugates as charge stabilizing "antenna-reaction center" mimics. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8552-60	2.8	75
86	Supramolecular Triads of Free-Base Porphyrin, Fullerene, and Ferric Porphyrins via the Covalent-Coordinate Binding Approach: Formation, Sequential Electron Transfer, and Charge Stabilization. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 11123-11130	3.8	20
85	Photoinduced electron transfer in a Watson-Crick base-paired, 2-aminopurine:uracil-C60 hydrogen bonding conjugate. <i>Chemical Communications</i> , 2007 , 480-2	5.8	20
84	Photosynthetic reaction center mimicry of a "special pair" dimer linked to electron acceptors by a supramolecular approach: self-assembled cofacial zinc porphyrin dimer complexed with fullerene(s). <i>Chemistry - A European Journal</i> , 2007 , 13, 916-22	4.8	72
83	Supramolecular triad and pentad composed of zinc-porphyrin(s), oxoporphyrinogen, and fullerene(s): design and electron-transfer studies. <i>Chemistry - A European Journal</i> , 2007 , 13, 4628-35	4.8	36
82	Self-assembled single-walled carbon nanotube:zinc-porphyrin hybrids through ammonium ion-crown ether interaction: construction and electron transfer. <i>Chemistry - A European Journal</i> , 2007 , 13, 8277-84	4.8	73
81	Highly effective electrochemical anion sensing based on oxoporphyrinogen. <i>Electrochemistry Communications</i> , 2007 , 9, 2751-2754	5.1	26
80	Nanostructuring of Watson-Crick type base-paired (C60-uracil):(2-aminopurine) conjugates in Langmuir films. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 3861-3867	1.3	3
79	Donor-Acceptor Nanohybrids of Zinc Naphthalocyanine or Zinc Porphyrin Noncovalently Linked to Single-Wall Carbon Nanotubes for Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 6947-6955	3.8	161
78	Light-Induced Electron Transfer of a Supramolecular Bis(Zinc Porphyrin)Fullerene Triad Constructed via a Diacetylamidopyridine/Uracil Hydrogen-Bonding Motif. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12500-12503	3.8	39
77	Pyren-1-ylmethyl N-substituted oxoporphyrinogens. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 390-396	1.8	9
76	Organic solar cells. Supramolecular composites of porphyrins and fullerenes organized by polypeptide structures as light harvesters. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4160		150
75	Synthesis and study of crown ether-appended boron dipyrin chemosensors for cation detection. <i>Tetrahedron Letters</i> , 2007 , 48, 1977-1982	2	32
74	Supramolecular carbon nanotube-fullerene donor-acceptor hybrids for photoinduced electron transfer. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15865-71	16.4	141

73	Langmuir-Blodgett films of a cationic zinc porphyrin-imidazole-functionalized fullerene dyad: formation and photoelectrochemical studies. <i>Langmuir</i> , 2007 , 23, 1917-23	4	45
72	A Novel Bis(zinc porphyrin)oxoporphyrinogen Donor-Acceptor Triad: Synthesis, Electrochemical, Computational and Photochemical Studies. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 595-603	3-2	22
71	Redox Active Two-Component Films of Palladium and Covalently Linked Zinc Porphyrin Fullerene Dyad. <i>Electroanalysis</i> , 2006 , 18, 841-848	3	24
70	Potassium ion controlled switching of intra- to intermolecular electron transfer in crown ether appended free-base porphyrin-fullerene donor-acceptor systems. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 4338-47	2.8	39
69	Design and studies on supramolecular ferrocene-porphyrin-fullerene constructs for generating long-lived charge separated states. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25240-50	3-4	66
68	Design, syntheses, and studies of supramolecular porphyrin-fullerene conjugates, using bis-18-crown-6 appended porphyrins and pyridine or alkyl ammonium functionalized fullerenes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5905-13	3-4	44
67	Chromogenic indicator for anion reporting based on an N-substituted oxoporphyrinogen. <i>Inorganic Chemistry</i> , 2006 , 45, 8288-96	5.1	65
66	Electron transfer switching in supramolecular porphyrin-fullerene conjugates held by alkylammonium cation-crown ether binding. <i>Chemical Communications</i> , 2006 , 4327-9	5.8	25
65	Formation, spectral, electrochemical, and photochemical behavior of zinc N-confused porphyrin coordinated to imidazole functionalized fullerene dyads. <i>Inorganic Chemistry</i> , 2006 , 45, 5057-65	5.1	34
64	Photophysical studies of supramolecular triads involving zinc naphthalocyanines and pyridylfullerenes with a second electron donor. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1156-1164	1.8	24
63	Supramolecular triads bearing porphyrin and fullerene via two-point binding involving coordination and hydrogen bonding. <i>Tetrahedron</i> , 2006 , 62, 1967-1978	2.4	36
62	Predicting the site of electron transfer using DFT frontier orbitals: Studies on porphyrin attached either to quinone or hydroquinone, and quinhydrone self-assembled supramolecular complexes. <i>Computational and Theoretical Chemistry</i> , 2006 , 765, 91-103		39
61	Fluorophore(s) appended fullerene dyads and triads for probing photoinduced energy transfer: syntheses, electronic structure, and fluorescence studies. <i>Photosynthesis Research</i> , 2006 , 87, 105-14	3.7	2
60	Supramolecular porphyrin-fullerene via 'two-point' binding strategy: axial-coordination and cation-crown ether complexation. <i>Chemical Communications</i> , 2005 , 1279-81	5.8	85
59	Spectral, electrochemical, and photophysical studies of a magnesium porphyrin-fullerene dyad. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 3163-71	3.6	47
58	Self-assembled via axial coordination magnesium porphyrin-imidazole appended fullerene dyad: spectroscopic, electrochemical, computational, and photochemical studies. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 10107-14	3.4	69
57	Immobilization and electrochemical redox behavior of cytochrome c on fullerene film-modified electrodes. <i>Bioelectrochemistry</i> , 2005 , 66, 35-40	5.6	29
56	Photoinduced electron transfer in supramolecular systems of fullerenes functionalized with ligands capable of binding to zinc porphyrins and zinc phthalocyanines. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 1410-1422	23.2	376

55	Structures, Spectral and Electrochemical Properties of N-(Naphth-2-ylmethyl)-Appended Porphyrinogens. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2893-2902	3.2	32
54	Effect of axial ligation or pi-pi-type interactions on photochemical charge stabilization in "two-point" bound supramolecular porphyrin-fullerene conjugates. <i>Chemistry - A European Journal</i> , 2005 , 11, 4416-28	4.8	81
53	X-ray structural and DFT computational studies of a self-assembled via axial coordination magnesium porphyrin-fullerene conjugate. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 691-697	1.8	11
52	A supramolecular Star Wars Tie Fighter Ship: electron transfer in a self-assembled triad composed of two zinc naphthalocyanines and a fullerene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005 , 09, 698-705	1.8	17
51	Intermolecular and supramolecular photoinduced electron transfer processes of fullerene-porphyrin/phthalocyanine systems. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2004 , 5, 79-104	16.4	473
50	β-Pyrrole brominated meso-tetraphenylporphyrins: synthesis, spectral and electrochemical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004 , 08, 201-214	1.8	25
49	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
48	Energy transfer followed by electron transfer in a supramolecular triad composed of boron dipyrin, zinc porphyrin, and fullerene: a model for the photosynthetic antenna-reaction center complex. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7898-907	16.4	290
47	Supramolecular complex composed of a covalently linked zinc porphyrin dimer and fulleropyrrolidine bearing two axially coordinating pyridine entities. <i>Chemical Communications</i> , 2004 , 2276-7	5.8	64
46	Supramolecular Triads Formed by Axial Coordination of Fullerene to Covalently Linked Zinc Porphyrin-Errocene(s): Design, Syntheses, Electrochemistry, and Photochemistry. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11333-11343	3.4	82
45	Electrochemical, spectral, and computational studies of metalloporphyrin dimers formed by cation complexation of crown ether cavities. <i>Inorganic Chemistry</i> , 2004 , 43, 6969-78	5.1	35
44	Self-assembled supramolecular triad composed of fulleropyrrolidine bearing two pyridine moieties axially coordinated to two zinc porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003 , 07, 1-7	1.8	34
43	Studies on intra-supramolecular and intermolecular electron-transfer processes between zinc naphthalocyanine and imidazole-appended fullerene. <i>ChemPhysChem</i> , 2003 , 4, 474-81	3.2	114
42	Electrocatalytic Properties and Sensor Applications of Fullerenes and Carbon Nanotubes. <i>Electroanalysis</i> , 2003 , 15, 753-772	3	317
41	Photoinduced Electron Transfer in Two-Point-Bound Supramolecular Triads Composed of N,N-Dimethylaminophenyl-Fullerene-Pyridine Coordinated to Zinc Porphyrin. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 4801-4807	2.8	76
40	Bis-functionalized fullerene-dibenzo[18]crown-6 conjugate: synthesis and cation-complexation dependent redox behavior. <i>Chemical Communications</i> , 2003 , 1754	5.8	20
39	Bis-functionalized fullerene-dibenzo[18]crown-6 conjugate: synthesis and cation-complexation dependent redox behavior. <i>Chemical Communications</i> , 2003 , 1754-5	5.8	1
38	Recent advances in the electrochemistry of porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002 , 06, 285-288	1.8	13

37	Molecular triads composed of ferrocene, C60, and nitroaromatic entities: electrochemical, computational, and photochemical investigations. <i>Journal of Organic Chemistry</i> , 2002 , 67, 9122-9	4.2	47
36	A Ferrocene-C60-Dinitrobenzene Triad: Synthesis and Computational, Electrochemical, and Photochemical Studies. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 649-656	2.8	88
35	Molecular recognition of adenine, adenosine and ATP at the air-water interface by a uracil appended fullerene. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2123-2129		43
34	Electronic Interactions and Photoinduced Electron Transfer in Covalently Linked Porphyrin-C60(pyridine) Diads and Supramolecular Triads Formed by Self-Assembling the Diads and Zinc Porphyrin. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 4952-4962	3.4	92
33	Spectroscopic, Electrochemical, and Photochemical Studies of Self-Assembled via Axial Coordination Zinc Porphyrin-Fulleropyrrolidine Dyads. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 3243-3252	2.8	225
32	Studies on Covalently Linked Porphyrin-C60 Dyads: Stabilization of Charge-Separated States by Axial Coordination. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 12393-12404	2.8	111
31	Probing the donor-acceptor proximity on the physicochemical properties of porphyrin-fullerene dyads: "tail-on" and "tail-off" binding approach. <i>Journal of the American Chemical Society</i> , 2001 , 123, 5277-5284	16.4	179
30	Structural studies of a non-covalently linked porphyrin-fullerene dyad. <i>Chemical Communications</i> , 2001 , 267-268	5.8	69
29	Studies on porphyrin-quinhydrone complexes: molecular recognition of quinone and hydroquinone in solution. <i>Journal of Organic Chemistry</i> , 2001 , 66, 4601-9	4.2	51
28	Electrochemistry of Solutions as well as Simultaneous Cyclic Voltammetry and Piezoelectric Microgravimetry of Conducting Films of 2-(n-Alkyl)fulleropyrrolidines. <i>Journal of the Electrochemical Society</i> , 2000 , 147, 2647	3.9	20
27	Acid-Base Properties of Fulleropyrrolidines: Experimental and Theoretical Investigations. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 6887-6893	2.8	32
26	Molecular recognition directed porphyrin chemosensor for selective detection of nicotine and cotinine. <i>Chemical Communications</i> , 2000 , 1915-1916	5.8	39
25	Crystal structure and intermolecular coordination behavior of a porphyrin bearing a hydroquinone receptor, meso-mono(hydroquinonyl) triphenylporphyrinatozinc. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 849-853	0.5	3
24	Self-Assembled Porphyrin-C(60) and Porphycene-C(60) Complexes via Metal Axial Coordination. <i>Inorganic Chemistry</i> , 1999 , 38, 2157-2160	5.1	117
23	Synthesis and Electrochemical Studies of a Series of Fluorinated Dodecaphenylporphyrins. <i>Inorganic Chemistry</i> , 1999 , 38, 2188-2198	5.1	55
22	Dedication to Professor V. Krishnan on the Occasion of his Sixtieth Birthday. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998 , 02, 289-293	1.8	
21	Electrochemical and Spectroelectrochemical Characterization of Water-soluble, β -Pyrrolebrominated Cobalt Porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998 , 02, 429-437	1.8	8
20	Electronic, Spectral, and Electrochemical Properties of (TPPBr(x))Zn Where TPPBr(x) is the Dianion of beta-Brominated-Pyrrole Tetraphenylporphyrin and x Varies from 0 to 8. <i>Inorganic Chemistry</i> , 1998 , 37, 4567-4572	5.1	83

19	Electrocatalytic Reduction of β -Dihaloalkanes I(CH ₂) _m I (m = 1B) by C ₆₀ ⁿ⁻ (n = 1B) Anions in Solution and at the C ₆₀ Film-Modified Electrodes. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 212-217	3.4	25
18	Catalytic Reduction of β -Dihaloalkanes, X(CH ₂) _m X (X = Cl, Br, or I and m = 2B), by Electrochemically Generated C ₇₀ ⁿ⁻ (n = 2 or 3) in Benzonitrile Solutions. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 4247-4252	3.4	19
17	A novel porphyrin based fluorescent chemosensor using a molecular recognition approach. <i>Chemical Communications</i> , 1997 , 533-534	5.8	16
16	Electrooxidation of Cobalt(II) β -Brominated-Pyrrole Tetraphenylporphyrins in CH ₂ Cl ₂ under an N ₂ or a CO Atmosphere. <i>Inorganic Chemistry</i> , 1997 , 36, 6292-6298	5.1	46
15	Electrocatalytic reduction of molecular oxygen using non-planar cobalt tetrakis-(4-sulfonatophenyl)- β -octabromoporphyrin. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 426, 17-21	4.1	39
14	β -cyclodextrin and carboxymethylated β -cyclodextrin polymer film modified electrodes, hosting cobalt porphyrins, as sensors for electrocatalytic determination of oxygen dissolved in solution. <i>Electroanalysis</i> , 1997 , 9, 1093-1101	3	21
13	Charge-transfer Interactions of Octaethylporphycenatozinc(II) with 2,6-Dichloro-3,5-dicyano-1,4-benzoquinone. <i>Journal of Porphyrins and Phthalocyanines</i> , 1997 , 01, 101-107 ^{1.8}		1
12	Spectral and Electrochemical Investigations on the "Tail-On" and "Tail-Off" Mechanism in Pyridine Covalently Bound Zinc(II) Porphyrins. <i>Inorganic Chemistry</i> , 1996 , 35, 5747-5749	5.1	44
11	Molecular Recognition via Hydroquinone/Quinone Pairing: Electrochemical and Singlet Emission Behavior of [5,10,15-Triphenyl-20-(2,5-dihydroxy-phenyl)porphyrinato]zinc(II)/Quinone Complexes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 923-924	16.4	48
10	Electrochemistry and Spectral Characterization of Oxidized and Reduced (TPPBr(x))FeCl Where TPPBr(x) Is the Dianion of beta-Brominated-Pyrrole Tetraphenylporphyrin and x Varies from 0 to 8. <i>Inorganic Chemistry</i> , 1996 , 35, 5570-5576	5.1	58
9	Effect of Peripheral Substitution and Extended Conjugation on the Redox Potentials of Nickel Porphycenes. <i>Inorganic Chemistry</i> , 1996 , 35, 5743-5746	5.1	27
8	Synthesis and studies on the electrocatalytic reduction of molecular oxygen by non-planar cobalt(II) tetrakis-(N-methyl pyridyl)- β -octabromoporphyrin. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 411, 167-171	4.1	33
7	Electrochemical, UV/Visible, and EPR Characterization of Metalloporphycenes Containing First-Row Transition Metals. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 11885-11891		46
6	Electrochemical and Spectroelectrochemical Investigations of [(TpTP)MvL ₂] ⁺ Cl ⁻ Where TpTP Is the Dianion of Tetra-p-tolylporphyrin, M = P or Sb, and L = Cl ⁻ or OCH ₃ ⁻ . <i>Inorganic Chemistry</i> , 1994 , 33, 4480-4484	5.1	28
5	Electrochemical and spectroelectrochemical behavior of cobalt(III), cobalt(II), and cobalt(I) complexes of meso-tetraphenylporphyrinate bearing bromides on the .beta.-pyrrole positions. <i>Inorganic Chemistry</i> , 1993 , 32, 4042-4048	5.1	126
4	Selective electrosynthesis of dimethylfullerene [(CH ₃) ₂ C ₆₀]: a novel method for the controlled functionalization of fullerenes. <i>Journal of the American Chemical Society</i> , 1993 , 115, 8505-8506	16.4	105
3	Coordination behaviour of metalloporphyrins with intramolecularly linked thiolate ligand. <i>Inorganica Chimica Acta</i> , 1990 , 176, 131-137	2.7	9
2	Does Location of BF ₂ -Chelated Dipyrromethene (BODIPY) Ring Functionalization Affect Spectral and Electron Transfer Properties? Studies on β and Meso-Functionalized BODIPY-Derived Donor/Acceptor Dyads and Triads. <i>Journal of Physical Chemistry C</i> ,	3.8	3

- 1 Sequential Electron Transfer in a BODIPY-Aluminum(III) Porphyrin-160 Triad Studied by Transient EPR Spectroscopy. *Applied Magnetic Resonance*, 1

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