

Mohamed E El-Khouly

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.

139
papers

5,431
citations

42
h-index

69
g-index

153
ext. papers

5,849
ext. citations

4.5
avg, IF

5.71
L-index

#	Paper	IF	Citations
139	Donor-acceptor-type poly[chalcogenoviologen--triphenylamine] for synaptic biomimicking and neuromorphic computing.. <i>IScience</i> , 2022 , 25, 103640	6.1	0
138	Cyanospirobifluorene-based conjugated polyelectrolytes: Synthesis and tunable nonvolatile information storage performance. <i>European Polymer Journal</i> , 2022 , 163, 110940	5.2	0
137	BSA Interaction, Molecular Docking, and Antibacterial Activity of Zinc(II) Complexes Containing the Sterically Demanding Biomimetic N3S2 Ligand: The Effect of Structure Flexibility. <i>Molecules</i> , 2022 , 27, 3543	4.8	1
136	Efficient adsorptive removal of tetracycline from aqueous solution using phytosynthesized nano-zero valent iron. <i>Journal of Saudi Chemical Society</i> , 2021 , 25, 101365	4.3	9
135	90% yield production of polymer nano-memristor for in-memory computing. <i>Nature Communications</i> , 2021 , 12, 1984	17.4	22
134	Synthesis, photophysical, and theoretical studies on π -conjugated copolymers based on benzothiadiazole and cyanopyridine acceptor moieties along with other π -bridge units. <i>Journal of Physical Organic Chemistry</i> , 2021 , 34, e4158	2.1	2
133	Conjugated polymer covalently modified multi-walled carbon nanotubes for flexible nonvolatile RRAM devices. <i>European Polymer Journal</i> , 2021 , 142, 110153	5.2	4
132	Optoelectrical Switching of Nonfullerene Acceptor Y6 and BPQD-Based Bulk Heterojunction Memory Device through Photoelectric Effect. <i>Advanced Electronic Materials</i> , 2021 , 7, 2001191	6.4	4
131	Green Synthesis of Nano-Zero-Valent Iron Using Seeds Extract: Characterization and Application in the Treatment of Methylene Blue-Polluted Water. <i>ACS Omega</i> , 2021 , 6, 25397-25411	3.9	16
130	Facile and environmentally friendly fabrication of few-layer bismuthene by electrochemical exfoliation method for ultrafast photonic applications. <i>Journal of Alloys and Compounds</i> , 2021 , 882, 160766	5.7	4
129	Water soluble porphyrin as optical sensor for the toxic heavy metal ions in an aqueous medium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 241, 118609	4.4	9
128	Magnetite nano-spherical quantum dots decorated graphene oxide nano sheet (GO@Fe3O4): Electrochemical properties and applications for removal heavy metals, pesticide and solar cell. <i>Applied Surface Science</i> , 2020 , 506, 144896	6.7	48
127	Energy-transfer versus electron-transfer reactions for the light-harvesting phthalocyanine/dithiolato-bisimino zinc system. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 622-633	1.6	1
126	Graphene oxide decorated with zinc oxide nanoflower, silver and titanium dioxide nanoparticles: fabrication, characterization, DNA interaction, and antibacterial activity.. <i>RSC Advances</i> , 2019 , 9, 3704-3714	3.7	49
125	Supramolecular off-on-off fluorescent biosensor for total Free thyroid hormones detection based on their differential binding with cucurbit[7]uril to fluorescent perylene derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 382, 111945	4.7	4
124	Simple, selective detection and efficient removal of toxic lead and silver metal ions using Acid Red 94.. <i>RSC Advances</i> , 2019 , 9, 8355-8363	3.7	3
123	Self-assembly of porphyrin on graphene oxide in aqueous medium: fabrication, characterization, and photocatalytic studies. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2071-2079	4.2	25

122	Symmetrical phthalocyanine bearing four triptycene moieties: Synthesis, photophysical and singlet oxygen generation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 990-1000	1.8	1
121	Fabrication of Mesoporous NaZrP Cation-Exchanger for U(VI) Ions Separation from Uranyl Leach Liquors. <i>Colloids and Interfaces</i> , 2019 , 3, 61	3	5
120	Epidermal Growth Factor Receptor-Targeted Multifunctional Photosensitizers for Bladder Cancer Imaging and Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2598-2617	8.3	17
119	Fabrication and characterization of graphene oxide/titanium dioxide nanocomposite for degradation of some toxic insecticides. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 69, 315-323	6.3	48
118	Graphene oxide-metal oxide nanocomposites: fabrication, characterization and removal of cationic rhodamine B dye.. <i>RSC Advances</i> , 2018 , 8, 13323-13332	3.7	54
117	Cellulose acetate assisted synthesis of worm-shaped mesopores of MgP ion-exchanger for cesium ions removal from seawater. <i>Microporous and Mesoporous Materials</i> , 2018 , 265, 211-218	5.3	24
116	Assemblies of Boron Dipyrromethene/Porphyrin, Phthalocyanine, and C Moieties as Artificial Models of Photosynthesis: Synthesis, Supramolecular Interactions, and Photophysical Studies. <i>Chemistry - A European Journal</i> , 2018 , 24, 3862-3872	4.8	13
115	Synthesis of mesoporous silica-polymer composite for the chloridazon pesticide removal from aqueous media. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2214-2221	6.8	26
114	Intramolecular electron transfer of light harvesting perylene-pyrene supramolecular conjugate. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 1098-1107	4.2	1
113	Energy transfer between two light harvesting phthalocyanine derivatives as model for artificial photosynthetic antenna: Laser photolysis studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 508-513	4.4	3
112	Long-Lived Photoexcited State of a Mn(IV)-Oxo Complex Binding Scandium Ions That is Capable of Hydroxylating Benzene. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8405-8409	16.4	24
111	Optical properties and structural morphology of one-dimensional perylenediimide derivatives. <i>Journal of Luminescence</i> , 2018 , 196, 455-461	3.8	4
110	Cellulose acetate/EDTA-chelator assisted synthesis of ordered mesoporous HAp microspheres for efficient removal of radioactive species from seawater. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 5845-5854	6.8	15
109	Decontamination of radioactive cesium ions using ordered mesoporous monetite.. <i>RSC Advances</i> , 2018 , 8, 19041-19050	3.7	30
108	Solar energy conversion: From natural to artificial photosynthesis. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2017 , 31, 36-83	16.4	167
107	A light harvesting perylene derivative - zinc phthalocyanine complex in water: spectroscopic and thermodynamic studies. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 861-869	4.2	9
106	A subphthalocyanine-pyrene dyad: electron transfer and singlet oxygen generation. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 1512-1518	4.2	9
105	The sensitivity of donor - acceptor charge transfer to molecular geometry in DAN - NDI based supramolecular flower-like self-assemblies. <i>Scientific Reports</i> , 2017 , 7, 16501	4.9	22

104	Spectroscopic and thermodynamic studies of light harvesting perylene diimide derivative - zinc porphyrin complex in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 186, 132-139	4.4	4
103	Light harvesting a gold porphyrin-zinc phthalocyanine supramolecular donor-acceptor dyad. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 1340-1346	4.2	17
102	Light harvesting subphthalocyanine-ferrocene dyads: Fast electron transfer process studied by femtosecond laser photolysis. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1148-1155	1.8	6
101	Light-Harvesting Phthalocyanine-Diketopyrrolopyrrole Derivatives: Synthesis, Spectroscopic, Electrochemical, and Photochemical Studies. <i>Chemistry - A European Journal</i> , 2016 , 22, 17800-17807	4.8	7
100	Synthesis and photophysical studies of a low-symmetry tribenzoisothiazoloporphyrazine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1090-1097	1.8	1
99	Energy-transfer studies on phthalocyanine-BODIPY light harvesting pentad by laser flash photolysis. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 261-269	1.8	10
98	Synthesis, photophysical and photochemical properties of novel phthalocyanines substituted with triptycene moieties. <i>Polyhedron</i> , 2015 , 90, 85-90	2.7	9
97	Photoinduced electron transfer from silyl end-capped sexithiophene to benzoquinone derivatives studied by laser photolysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 302, 11-16	4.7	2
96	Photosynthetic antenna-reaction center mimicry by using boron dipyrromethene sensitizers. <i>ChemPhysChem</i> , 2014 , 15, 30-47	3.2	197
95	Photoinduced electron transfer of zinc porphyrin-oligo(thienylenevinylene)-fullerene[60] triads; thienylenevinylenes as efficient molecular wires. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 2443-51	3.6	24
94	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
93	Synthesis and fast electron-transfer reactions of fullerene-barbazole dendrimers with short linkages. <i>New Journal of Chemistry</i> , 2013 , 37, 3252	3.6	4
92	Innen-aktitelbild: Charge Dynamics in A Donor-Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions (Angew. Chem. 7/2013). <i>Angewandte Chemie</i> , 2013 , 125, 2181-2181	3.6	
91	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
90	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
89	Charge dynamics in a donor-acceptor covalent organic framework with periodically ordered bicontinuous heterojunctions. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2017-21	16.4	217
88	A charge-stabilizing, multimodular, ferrocene-bis(triphenylamine)-zinc-porphyrin-fullerene polyad. <i>Chemistry - A European Journal</i> , 2013 , 19, 9629-38	4.8	52
87	Solution-Processed Bulk Heterojunction Solar Cells with Silyl End-Capped Sexithiophene. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-9	2.1	2

86	Silicon phthalocyanine-azobenzene-[60]fullerene light harvesting pentad: synthesis, characterization and electron transfer reaction studied by laser flash photolysis. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 1055-1063	1.8	8
85	Charge Dynamics in A Donor-Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. <i>Angewandte Chemie</i> , 2013 , 125, 2071-2075	3.6	46
84	Photosynthetic antenna-reaction center mimicry with a covalently linked monostyryl boron-dipyrromethene-aza-boron-dipyrromethene-C60 triad. <i>Chemistry - A European Journal</i> , 2013 , 19, 11332-41	4.8	83
83	Subphthalocyanines as Light-Harvesting Electron Donor and Electron Acceptor in Artificial Photosynthetic Systems. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19709-19717	3.8	29
82	Light harvesting zinc naphthalocyanine-perylenediimide supramolecular dyads: long-lived charge-separated states in nonpolar media. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 3612-21	3.6	34
81	A novel BF ₂ -chelated azadipyrromethene-fullerene dyad: synthesis, electrochemistry and photodynamics. <i>Chemical Communications</i> , 2012 , 48, 206-8	5.8	82
80	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
79	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
78	Synthesis and photodynamics of fluorescent blue BODIPY-porphyrin tweezers linked by triazole rings. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 3889-98	2.8	52
77	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
76	Photoinduced electron transfer in zinc naphthalocyanine-naphthalenediimide supramolecular dyads. <i>ChemPhysChem</i> , 2012 , 13, 1191-8	3.2	11
75	Photoinduced electron transfer in a ferrocene-distyryl BODIPY dyad and a ferrocene-distyryl BODIPY-C60 triad. <i>ChemPhysChem</i> , 2012 , 13, 2030-6	3.2	29
74	Tetrathiafulvalene-fused porphyrins via quinoxaline linkers: symmetric and asymmetric donor-acceptor systems. <i>ChemPhysChem</i> , 2012 , 13, 3370-82	3.2	28
73	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
72	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
71	Elongation of lifetime of the charge-separated state of ferrocene-naphthalenediimide-[60]fullerene triad via stepwise electron transfer. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 14430-7	2.8	27
70	Photoinduced electron transfer in a distyryl BODIPY-fullerene dyad. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 174-9	4.5	73
69	Mimicking photosynthetic antenna-reaction-center complexes with a (boron dipyrromethene) ₃ -porphyrin-C60 pentad. <i>Chemistry - A European Journal</i> , 2011 , 17, 1605-13	4.8	88

68	Photochemical charge separation in closely positioned donor-boron dipyrroin-fullerene triads. <i>Chemistry - A European Journal</i> , 2011 , 17, 3147-56	4.8	57
67	Electron Delocalization in One-Dimensional Perylenediimide Nanobelts through Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 15040-15047	3.8	28
66	Saddle distortion of a sterically unhindered porphyrin ring in a copper porphyrin with electron-donating substituents. <i>Inorganic Chemistry</i> , 2011 , 50, 671-8	5.1	33
65	Annulation of Tetrathiafulvalene to the Bay Region of Perylenediimide: Fast Electron-Transfer Processes in Polar and Nonpolar Solvents. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8325-8334	3.8	23
64	Synthesis, electrochemical, and photophysical studies of hexadecachlorinatedphthalocyaninato zinc(II). <i>Dyes and Pigments</i> , 2011 , 91, 231-236	4.6	7
63	Photoinduced energy-transfer and electron-transfer processes in molecules of tetrakis((E)-2-(50-hexyl-2,20-bithiophen-5-yl)vinyl)benzene and perylenediimide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 218, 17-25	4.7	8
62	Light harvesting phthalocyanine/subphthalocyanine system: intermolecular electron-transfer and energy-transfer reactions via the triplet subphthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 111-117	1.8	32
61	Efficient Electron Transfer Processes of the Covalently Linked PerylenediimideFerrocene Systems: Femtosecond and Nanosecond Transient Absorption Studies. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 10969-10977	3.8	32
60	Effect of anion binding on charge stabilization in a bis-fullerene-oxoporphyrinogen conjugate. <i>Chemical Communications</i> , 2010 , 46, 7933-5	5.8	13
59	Charge stabilization in a closely spaced ferrocene-boron dipyrroin-fullerene triad. <i>Chemical Communications</i> , 2010 , 46, 3301-3	5.8	53
58	Electron transfer reaction of light harvesting zinc naphthalocyanine-subphthalocyanine self-assembled dyad: spectroscopic, electrochemical, computational, and photochemical studies. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 12746-52	3.6	28
57	Stabilization of the charge-separated States of covalently linked zinc porphyrin-triphenylamine-[60]fullerene. <i>ChemPhysChem</i> , 2010 , 11, 1726-34	3.2	17
56	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
55	Synthesis and photoinduced intramolecular processes of light-harvesting silicon phthalocyanine-naphthalenediimide-fullerene connected systems. <i>Chemistry - A European Journal</i> , 2009 , 15, 5301-10	4.8	58
54	A new cyanofluorene-triphenylamine copolymer: synthesis and photoinduced intramolecular electron transfer processes. <i>Chemistry - A European Journal</i> , 2009 , 15, 10818-24	4.8	8
53	Photoinduced processes of newly synthesized bisferrocene- and bisfullerene-substituted tetrads with a triphenylamine central block. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1818-1825	2.3	10
52	Phthalocyanine-C60 fused conjugates exhibiting molecular orbital interactions depending on the solvent polarity. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1678-86	4.5	13
51	Long-lived charge-separated configuration of a push-pull archetype of Disperse Red 1 end-capped poly[9,9-bis(4-diphenylaminophenyl)fluorene]. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6370-1	16.4	48

50	Long-Lived Charge Separation in a Dyad of Closely-Linked Subphthalocyanine-Zinc Porphyrin Bearing Multiple Triphenylamines. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 15444-15453	3.8	51
49	Effect of dual fullerenes on lifetimes of charge-separated States of subphthalocyanine-triphenylamine-fullerene molecular systems. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 3910-7	3.4	52
48	Photoinduced Intramolecular Electron Transfer of Carbazole Trimer-[60]Fullerene Studied by Laser Flash Photolysis Techniques. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1244-1249	3.8	9
47	Photoinduced Processes of SubphthalocyanineDiazobenzeneFullerene Triad as an Efficient Excited Energy Transfer System. <i>Chemistry Letters</i> , 2008 , 37, 544-545	1.7	30
46	A new blue-light emitting polymer: Synthesis and photoinduced electron transfer process. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4249-4253	2.5	7
45	Comparative study of the bimolecular electron transfer of fullerenes (C60/C70) and 9,9-disubstituted fluorenes by laser flash photolysis. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 539-44	4.2	2
44	Prolonged charge-separated states of starburst tetra(diphenylaminofluoreno)[60]fullerene adducts upon photoexcitation. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 6938-44	2.8	18
43	Synthesis and photoinduced electron-transfer process of a novel triphenylamine-substituted polyfluorene-C60 triad. <i>Chemistry - A European Journal</i> , 2007 , 13, 1709-14	4.8	21
42	Silicon-phthalocyanine-cored fullerene dendrimers: synthesis and prolonged charge-separated states with dendrimer generations. <i>Chemistry - A European Journal</i> , 2007 , 13, 2854-63	4.8	60
41	Comparison between the Photophysical Properties of Pyrazolo- and Isoxazolo[60]fullerenes with Dual Donors (Ferrocene, Aniline and Alkoxyphenyl). <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2175-2185	3.2	18
40	Photoinduced intermolecular electron transfer process of fullerene (C60) and amine-substituted fluorenes studied by laser flash photolysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 67, 636-42	4.4	12
39	Photoinduced Electron Transfer Between Chlorophylls (a/b) and Fullerenes (C60/C70) Studied by Laser Flash Photolysis. <i>Photochemistry and Photobiology</i> , 2007 , 74, 22-30	3.6	2
38	Synthesis and photophysical studies of porphyrin-ferrocene conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 719-728	1.8	12
37	Photoinduced Charge Separation of the Covalently Linked Fullerene-TriphenylamineFullerene Triad. Effect of Dual Fullerenes on Lifetimes of Charge-Separated States. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 2465-2472	5.1	15
36	Photophysical properties of the newly synthesized triad based on [70]fullerene studies with laser flash photolysis. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4335-41	3.4	11
35	Synthesis and Photophysical Properties of a Pyrazolino[60]fullerene with Dimethylaniline Connected by an Acetylene Linkage. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2344-2351	3.2	18
34	Intramolecular photoinduced processes of newly synthesized dual zinc porphyrin-fullerene triad with flexible linkers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1380-1391	1.8	7
33	Photoinduced processes in a tricomponent molecule consisting of diphenylaminofluorene-dicyanoethylene-methano[60]fullerene. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 884-91	2.8	38

32	Synthesis and photophysical properties of ruthenocene-[60]fullerene dyads. <i>New Journal of Chemistry</i> , 2006 , 30, 93-101	3.6	11
31	Synthesis and photophysical properties of a [60]fullerene compound with dimethylaniline and ferrocene connected through a pyrazolino group: a study by laser flash photolysis. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 4104-11	3.6	13
30	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
29	Unusual Photophysical Properties of Emerald Green [60]Fullerene. <i>Chemistry Letters</i> , 2006 , 35, 710-711	1.7	2
28	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
27	Efficiency of singlet oxygen production from self-assembled nanospheres of molecular micelle-like photosensitizers FC4S. <i>Journal of Materials Chemistry</i> , 2005 , 15, 1857		34
26	Dyads and triads containing perylene-tetracarboxylic diimide and porphyrin: efficient photoinduced electron transfer elicited via both excited singlet states. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 3658-3671	3.4	55
25	Spectral, electrochemical, and photophysical studies of a magnesium porphyrin-fullerene dyad. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 3163-71	3.6	47
24	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
23	Self-assembled photoresponsive amphiphilic diphenylaminofluorene-C60 conjugate vesicles in aqueous solution. <i>Langmuir</i> , 2005 , 21, 3267-72	4	35
22	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
21	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
20	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
19	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
18	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
17	Photoinduced Electron Transfer from Aromatic Aldehyde Hydrazones to Triplet States of C60 and C70; Electron-Mediating and Hole-Shifting Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 1247-1254	5.1	12
16	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
15	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

14	Studies on Covalently Linked Porphyrin-C ₆₀ Dyads: Stabilization of Charge-Separated States by Axial Coordination. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 12393-12404	2.8	111
13	Photoinduced electron transfer between metal octaethylporphyrins and fullerenes (C ₆₀ /C ₇₀) studied by laser flash photolysis: electron-mediating and hole-shifting cycles. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3322-3329	3.6	31
12	Photoinduced electron transfer between chlorophylls (a/b) and fullerenes (C ₆₀ /C ₇₀) studied by laser flash photolysis. <i>Photochemistry and Photobiology</i> , 2001 , 74, 22-30	3.6	14
11	Photoinduced electron transfer between fullerenes (C ₆₀ /C ₇₀) and disubstituted naphthalenes using laser flash photolysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001 , 141, 1-7	4.7	9
10	Solvent Dependence of Charge Separation and Charge Recombination Rates in Porphyrin-Fullerene Dyad. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 325-332	2.8	194
9	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, 5277-84	16.4	179
8	Catalytic effects of dioxygen on intramolecular electron transfer in radical ion pairs of zinc porphyrin-linked fullerenes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 2571-5	16.4	130
7	Efficient photoinduced electron transfer between C ₆₀ /C ₇₀ and zinc octaethylporphyrin studied by nanosecond laser photolysis method. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000 , 04, 591-598	1.8	17
6	Photoinduced electron transfer from triplet states of phthalocyanines to fullerenes studied by transient absorption spectroscopies in visible and near-IR regions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000 , 04, 713-721	1.8	30
5	Effects of Trimethylpyridine Addition on forward and backward Electron Transfer between Triplet States of C ₆₀ /C ₇₀ and 2-Naphthols. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 1196-1200	2.8	8
4	Fluorescence quenching and complexation behaviour of tetraphenylporphyrin with some divalent metal ions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 747		9
3	Proton-responsive azulene-based conjugated polymer with nonvolatile memory effects. <i>New Journal of Chemistry</i> ,	3.6	2
2	MoS ₂ nanosheets chemically modified with metal phthalocyanine via mussel-inspired chemistry for multifunctional memristive devices. <i>Journal of Materials Chemistry C</i> ,	7.1	5
1	Improving the Long-Term Stability of BPQD-Based Memory Device via Modification with Polyvinylpyrrolidone-Grafted Polydopamine. <i>Advanced Electronic Materials</i> , 2101057	6.4	1