Mohamed E El-Khouly

List of Publications by Citations

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	Intermolecular and supramolecular photoinduced electron transfer processes of fullerene–porphyrin/phthalocyanine systems. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2004**, 5, 79-104	16.4	473
138	Spectroscopic, Electrochemical, and Photochemical Studies of Self-Assembled via Axial Coordination Zinc Porphyrin–Fulleropyrrolidine Dyads. *Journal of Physical Chemistry A*, **2002**, 106, 3243-3252	2.8	225
137	Charge dynamics in a donor-acceptor covalent organic framework with periodically ordered bicontinuous heterojunctions. *Angewandte Chemie - International Edition*, **2013**, 52, 2017-21	16.4	217
136	Photosynthetic antenna-reaction center mimicry by using boron dipyrromethene sensitizers. *ChemPhysChem*, **2014**, 15, 30-47	3.2	197
135	Solvent Dependence of Charge Separation and Charge Recombination Rates in Porphyrin–Fullerene Dyad. *Journal of Physical Chemistry A*, **2001**, 105, 325-332	2.8	194
134	Probing the donor-acceptor proximity on the physicochemical properties of porphyrin-fullerene dyads: "tail-on" and "tail-off" binding approach. *Journal of the American Chemical Society*, **2001**, 123, 5277-84	16.4	179
133	Solar energy conversion: From natural to artificial photosynthesis. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2017**, 31, 36-83	16.4	167
132	Control over photoinduced energy and electron transfer in supramolecular polyads of covalently linked azaBODIPY-bisporphyrin 'molecular clip' hosting fullerene. *Journal of the American Chemical Society*, **2012**, 134, 654-64	16.4	142
131	Catalytic effects of dioxygen on intramolecular electron transfer in radical ion pairs of zinc porphyrin-linked fullerenes. *Journal of the American Chemical Society*, **2001**, 123, 2571-5	16.4	130
130	Studies on intra-supramolecular and intermolecular electron-transfer processes between zinc naphthalocyanine and imidazole-appended fullerene. *ChemPhysChem*, **2003**, 4, 474-81	3.2	114
129	Studies on Covalently Linked Porphyrin–C60 Dyads: Stabilization of Charge-Separated States by Axial Coordination. *Journal of Physical Chemistry A*, **2002**, 106, 12393-12404	2.8	111
128	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. *Chemistry - A European Journal*, **2010**, 16, 6193-202	4.8	98
127	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. *Journal of Physical Chemistry B*, **2002**, 106, 4952-4962	3.4	92
126	Mimicking photosynthetic antenna-reaction-center complexes with a (boron dipyrromethene)3-porphyrin-C60 pentad. *Chemistry - A European Journal*, **2011**, 17, 1605-13	4.8	88
125	Near-IR excitation transfer and electron transfer in a BF2-chelated dipyrromethane-azadipyrromethane dyad and triad. *Chemistry - A European Journal*, **2012**, 18, 5239-47	4.8	84
124	Photosynthetic antenna-reaction center mimicry with a covalently linked monostyryl boron-dipyrromethene-aza-boron-dipyrromethene-C60 triad. *Chemistry - A European Journal*, **2013**, 19, 11332-41	4.8	83
123	A novel BF2-chelated azadipyrromethene-fullerene dyad: synthesis, electrochemistry and photodynamics. *Chemical Communications*, **2012**, 48, 206-8	5.8	82

122	Photoinduced Electron Transfer in Two-Point-Bound Supramolecular Triads Composed of N,N-Dimethylaminophenyl-Fullerene-Pyridine Coordinated to Zinc Porphyrin. *Journal of Physical Chemistry A*, **2003**, 107, 4801-4807	2.8	76
121	Photoinduced electron transfer in a distyryl BODIPY-fullerene dyad. *Chemistry - an Asian Journal*, **2011**, 6, 174-9	4.5	73
120	Ultrafast photoinduced energy and electron transfer in multi-modular donor-acceptor conjugates. *Chemistry - A European Journal*, **2012**, 18, 13844-53	4.8	71
119	Self-assembled via axial coordination magnesium porphyrin-imidazole appended fullerene dyad: spectroscopic, electrochemical, computational, and photochemical studies. *Journal of Physical Chemistry B*, **2005**, 109, 10107-14	3.4	69
118	Syntheses, electrochemistry, and photodynamics of ferrocene-azadipyrromethane donor--acceptor dyads and triads. *Journal of Physical Chemistry A*, **2011**, 115, 9810-9	2.8	63
117	Silicon-phthalocyanine-cored fullerene dendrimers: synthesis and prolonged charge-separated states with dendrimer generations. *Chemistry - A European Journal*, **2007**, 13, 2854-63	4.8	60
116	Synthesis and photoinduced intramolecular processes of light-harvesting silicon phthalocyanine-naphthalenediimide-fullerene connected systems. *Chemistry - A European Journal*, **2009**, 15, 5301-10	4.8	58
115	Photochemical charge separation in closely positioned donor-boron dipyrrin-fullerene triads. *Chemistry - A European Journal*, **2011**, 17, 3147-56	4.8	57
114	Excitation-wavelength-dependent, ultrafast photoinduced electron transfer in bisferrocene/BF2-chelated-azadipyrromethene/fullerene tetrads. *Chemistry - A European Journal*, **2013**, 19, 7221-30	4.8	56
113	Dyads and triads containing perylenetetracarboxylic diimide and porphyrin: efficient photoinduced electron transfer elicited via both excited singlet states. *Journal of Physical Chemistry B*, **2005**, 109, 3658-67	3.4	55
112	Graphene oxide-metal oxide nanocomposites: fabrication, characterization and removal of cationic rhodamine B dye.. *RSC Advances*, **2018**, 8, 13323-13332	3.7	54
111	Ultrafast excitation transfer and charge stabilization in a newly assembled photosynthetic antenna-reaction center mimic composed of boron dipyrrin, zinc porphyrin and fullerene. *Physical Chemistry Chemical Physics*, **2011**, 13, 18168-78	3.6	53
110	Charge stabilization in a closely spaced ferrocene-boron dipyrrin-fullerene triad. *Chemical Communications*, **2010**, 46, 3301-3	5.8	53
109	Synthesis and photodynamics of fluorescent blue BODIPY-porphyrin tweezers linked by triazole rings. *Journal of Physical Chemistry A*, **2012**, 116, 3889-98	2.8	52
108	A charge-stabilizing, multimodular, ferrocene-bis(triphenylamine)-zinc-porphyrin-fullerene polyad. *Chemistry - A European Journal*, **2013**, 19, 9629-38	4.8	52
107	Effect of dual fullerenes on lifetimes of charge-separated States of subphthalocyanine-triphenylamine-fullerene molecular systems. *Journal of Physical Chemistry B*, **2008**, 112, 3910-7	3.4	52
106	Long-Lived Charge Separation in a Dyad of Closely-Linked Subphthalocyanine-Zinc Porphyrin Bearing Multiple Triphenylamines. *Journal of Physical Chemistry C*, **2009**, 113, 15444-15453	3.8	51
105	Graphene oxide decorated with zinc oxide nanoflower, silver and titanium dioxide nanoparticles: fabrication, characterization, DNA interaction, and antibacterial activity.. *RSC Advances*, **2019**, 9, 3704-3714	3.7	49

104	Long-lived charge-separated configuration of a push-pull archetype of Disperse Red 1 end-capped poly[9,9-bis(4-diphenylaminophenyl)fluorene]. *Journal of the American Chemical Society*, **2009**, 131, 6370-1	16.4	48
103	Magnetite nano-spherical quantum dots decorated graphene oxide nano sheet (GO@Fe3O4): Electrochemical properties and applications for removal heavy metals, pesticide and solar cell. *Applied Surface Science*, **2020**, 506, 144896	6.7	48
102	Fabrication and characterization of graphene oxide–titanium dioxide nanocomposite for degradation of some toxic insecticides. *Journal of Industrial and Engineering Chemistry*, **2019**, 69, 315-323	6.3	48
101	Self-Assembled via Metal–Ligand Coordination AzaBODIPY–Zinc Phthalocyanine and AzaBODIPY–Zinc Naphthalocyanine Conjugates: Synthesis, Structure, and Photoinduced Electron Transfer. *Journal of Physical Chemistry C*, **2013**, 117, 5638-5649	3.8	47
100	Spectral, electrochemical, and photophysical studies of a magnesium porphyrin-fullerene dyad. *Physical Chemistry Chemical Physics*, **2005**, 7, 3163-71	3.6	47
99	Charge Dynamics in A Donor–Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. *Angewandte Chemie*, **2013**, 125, 2071-2075	3.6	46
98	Bisdonor–AzaBODIPY–Fullerene Supramolecules: Syntheses, Characterization, and Light-Induced Electron-Transfer Studies. *Journal of Physical Chemistry C*, **2014**, 118, 2321-2332	3.8	42
97	Photoinduced processes in a tricomponent molecule consisting of diphenylaminofluorene-dicyanoethylene-methano[60]fullerene. *Journal of Physical Chemistry A*, **2006**, 110, 884-91	2.8	38
96	Supramolecular triads bearing porphyrin and fullerene via two-point binding involving coordination and hydrogen bonding. *Tetrahedron*, **2006**, 62, 1967-1978	2.4	36
95	Self-assembled photoresponsive amphiphilic diphenylaminofluorene-C60 conjugate vesicles in aqueous solution. *Langmuir*, **2005**, 21, 3267-72	4	35
94	Light harvesting zinc naphthalocyanine-perylenediimide supramolecular dyads: long-lived charge-separated states in nonpolar media. *Physical Chemistry Chemical Physics*, **2012**, 14, 3612-21	3.6	34
93	Efficiency of singlet oxygen production from self-assembled nanospheres of molecular micelle-like photosensitizers FC4S. *Journal of Materials Chemistry*, **2005**, 15, 1857		34
92	Self-assembled supramolecular triad composed of fulleropyrrolidine bearing two pyridine moieties axially coordinated to two zinc porphyrins. *Journal of Porphyrins and Phthalocyanines*, **2003**, 07, 1-7	1.8	34
91	Saddle distortion of a sterically unhindered porphyrin ring in a copper porphyrin with electron-donating substituents. *Inorganic Chemistry*, **2011**, 50, 671-8	5.1	33
90	Efficient Electron Transfer Processes of the Covalently Linked Perylenediimide–Ferrocene Systems: Femtosecond and Nanosecond Transient Absorption Studies. *Journal of Physical Chemistry C*, **2010**, 114, 10969-10977	3.8	32
89	Light harvesting phthalocyanine/subphthalocyanine system: intermolecular electron-transfer and energy-transfer reactions via the triplet subphthalocyanine. *Journal of Porphyrins and Phthalocyanines*, **2011**, 15, 111-117	1.8	32
88	Photoinduced electron transfer between metal octaethylporphyrins and fullerenes (C60/C70) studied by laser flash photolysis: electron-mediating and hole-shifting cycles. *Physical Chemistry Chemical Physics*, **2002**, 4, 3322-3329	3.6	31
87	Photoinduced Processes of Subphthalocyanine–Diazobenzene–Fullerene Triad as an Efficient Excited Energy Transfer System. *Chemistry Letters*, **2008**, 37, 544-545	1.7	30

86	Photoinduced electron transfer from triplet states of phthalocyanines to fullerenes studied by transient absorption spectroscopies in visible and near-IR regions. *Journal of Porphyrins and Phthalocyanines*, **2000**, 04, 713-721	1.8	30
85	Decontamination of radioactive cesium ions using ordered mesoporous monetite.. *RSC Advances*, **2018**, 8, 19041-19050	3.7	30
84	Subphthalocyanines as Light-Harvesting Electron Donor and Electron Acceptor in Artificial Photosynthetic Systems. *Journal of Physical Chemistry C*, **2012**, 116, 19709-19717	3.8	29
83	Photoinduced electron transfer in a ferrocene-distyryl BODIPY dyad and a ferrocene-distyryl BODIPY-C60 triad. *ChemPhysChem*, **2012**, 13, 2030-6	3.2	29
82	Tetrathiafulvalene-fused porphyrins via quinoxaline linkers: symmetric and asymmetric donor-acceptor systems. *ChemPhysChem*, **2012**, 13, 3370-82	3.2	28
81	Electron transfer reaction of light harvesting zinc naphthalocyanine-subphthalocyanine self-assembled dyad: spectroscopic, electrochemical, computational, and photochemical studies. *Physical Chemistry Chemical Physics*, **2010**, 12, 12746-52	3.6	28
80	Electron Delocalization in One-Dimensional Perylenediimide Nanobelts through Photoinduced Electron Transfer. *Journal of Physical Chemistry C*, **2011**, 115, 15040-15047	3.8	28
79	Elongation of lifetime of the charge-separated state of ferrocene-naphthalenediimide-[60]fullerene triad via stepwise electron transfer. *Journal of Physical Chemistry A*, **2011**, 115, 14430-7	2.8	27
78	Synthesis of mesoporous silica-polymer composite for the chloridazon pesticide removal from aqueous media. *Journal of Environmental Chemical Engineering*, **2018**, 6, 2214-2221	6.8	26
77	Self-assembly of porphyrin on graphene oxide in aqueous medium: fabrication, characterization, and photocatalytic studies. *Photochemical and Photobiological Sciences*, **2019**, 18, 2071-2079	4.2	25
76	Cellulose acetate assisted synthesis of worm-shaped mesopores of MgP ion-exchanger for cesium ions removal from seawater. *Microporous and Mesoporous Materials*, **2018**, 265, 211-218	5.3	24
75	Long-Lived Photoexcited State of a Mn(IV)-Oxo Complex Binding Scandium Ions That is Capable of Hydroxylating Benzene. *Journal of the American Chemical Society*, **2018**, 140, 8405-8409	16.4	24
74	Photoinduced electron transfer of zinc porphyrin-oligo(thienylenevinylene)-fullerene[60] triads; thienylenevinylenes as efficient molecular wires. *Physical Chemistry Chemical Physics*, **2014**, 16, 2443-51	3.6	24
73	Photophysical studies of supramolecular triads involving zinc naphthalocyanines and pyridylfullerenes with a second electron donor. *Journal of Porphyrins and Phthalocyanines*, **2006**, 10, 1156-1164	1.8	24
72	Annulation of Tetrathiafulvalene to the Bay Region of Perylenediimide: Fast Electron-Transfer Processes in Polar and Nonpolar Solvents. *Journal of Physical Chemistry C*, **2011**, 115, 8325-8334	3.8	23
71	The sensitivity of donor - acceptor charge transfer to molecular geometry in DAN - NDI based supramolecular flower-like self-assemblies. *Scientific Reports*, **2017**, 7, 16501	4.9	22
70	90% yield production of polymer nano-memristor for in-memory computing. *Nature Communications*, **2021**, 12, 1984	17.4	22
69	Synthesis and photoinduced electron-transfer process of a novel triphenylamine-substituted polyfluorene-C60 triad. *Chemistry - A European Journal*, **2007**, 13, 1709-14	4.8	21

68	Prolonged charge-separated states of starburst tetra(diphenylaminofluoreno)[60]fullerene adducts upon photoexcitation. *Journal of Physical Chemistry A*, **2007**, 111, 6938-44	2.8	18
67	Comparison between the Photophysical Properties of Pyrazolo- and Isoxazolo[60]fullerenes with Dual Donors (Ferrocene, Aniline and Alkoxyphenyl). *European Journal of Organic Chemistry*, **2007**, 2007, 2175-2185	3.2	18
66	Synthesis and Photophysical Properties of a Pyrazolino[60]fullerene with Dimethylaniline Connected by an Acetylene Linkage. *European Journal of Organic Chemistry*, **2006**, 2006, 2344-2351	3.2	18
65	Light harvesting a gold porphyrin-zinc phthalocyanine supramolecular donor-acceptor dyad. *Photochemical and Photobiological Sciences*, **2016**, 15, 1340-1346	4.2	17
64	Stabilization of the charge-separated States of covalently linked zinc porphyrin-triphenylamine-[60]fullerene. *ChemPhysChem*, **2010**, 11, 1726-34	3.2	17
63	A supramolecular Star Wars Tie Fighter Ship: electron transfer in a self-assembled triad composed of two zinc naphthalocyanines and a fullerene. *Journal of Porphyrins and Phthalocyanines*, **2005**, 09, 698-705	1.8	17
62	Efficient photoinduced electron transfer between C60/C70 and zinc octaethylporphyrin studied by nanosecond laser photolysis method. *Journal of Porphyrins and Phthalocyanines*, **2000**, 04, 591-598	1.8	17
61	Epidermal Growth Factor Receptor-Targeted Multifunctional Photosensitizers for Bladder Cancer Imaging and Photodynamic Therapy. *Journal of Medicinal Chemistry*, **2019**, 62, 2598-2617	8.3	17
60	Green Synthesis of Nano-Zero-Valent Iron Using Seeds Extract: Characterization and Application in the Treatment of Methylene Blue-Polluted Water. *ACS Omega*, **2021**, 6, 25397-25411	3.9	16
59	Photoinduced Charge Separation of the Covalently Linked Fullerene–Triphenylamine–Fullerene Triad. Effect of Dual Fullerenes on Lifetimes of Charge-Separated States. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 2465-2472	5.1	15
58	Cellulose acetate/EDTA-chelator assisted synthesis of ordered mesoporous HAp microspheres for efficient removal of radioactive species from seawater. *Journal of Environmental Chemical Engineering*, **2018**, 6, 5845-5854	6.8	15
57	Photoinduced electron transfer between chlorophylls (a/b) and fullerenes (C60/C70) studied by laser flash photolysis. *Photochemistry and Photobiology*, **2001**, 74, 22-30	3.6	14
56	Assemblies of Boron Dipyrromethene/Porphyrin, Phthalocyanine, and C Moieties as Artificial Models of Photosynthesis: Synthesis, Supramolecular Interactions, and Photophysical Studies. *Chemistry - A European Journal*, **2018**, 24, 3862-3872	4.8	13
55	Effect of anion binding on charge stabilization in a bis-fullerene-oxoporphyrinogen conjugate. *Chemical Communications*, **2010**, 46, 7933-5	5.8	13
54	Phthalocyanine-C60 fused conjugates exhibiting molecular orbital interactions depending on the solvent polarity. *Chemistry - an Asian Journal*, **2009**, 4, 1678-86	4.5	13
53	Synthesis and photophysical properties of a [60]fullerene compound with dimethylaniline and ferrocene connected through a pyrazolino group: a study by laser flash photolysis. *Physical Chemistry Chemical Physics*, **2006**, 8, 4104-11	3.6	13
52	Photoinduced intermolecular electron transfer process of fullerene (C60) and amine-substituted fluorenes studied by laser flash photolysis. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2007**, 67, 636-42	4.4	12
51	Synthesis and photophysical studies of porphyrin-ferrocene conjugates. *Journal of Porphyrins and Phthalocyanines*, **2007**, 11, 719-728	1.8	12

50	Photoinduced Electron Transfer from Aromatic Aldehyde Hydrazones to Triplet States of C60and C70; Electron-Mediating and Hole-Shifting Systems. *Bulletin of the Chemical Society of Japan*, **2002**, 75, 1247-1254	5.1	12
49	Photoinduced electron transfer in zinc naphthalocyanine-naphthalenediimide supramolecular dyads. *ChemPhysChem*, **2012**, 13, 1191-8	3.2	11
48	Photophysical properties of the newly synthesized triad based on [70]fullerene studies with laser flash photolysis. *Journal of Physical Chemistry B*, **2007**, 111, 4335-41	3.4	11
47	Synthesis and photophysical properties of ruthenocene-[60]fullerene dyads. *New Journal of Chemistry*, **2006**, 30, 93-101	3.6	11
46	Energy-transfer studies on phthalocyanineBODIPY light harvesting pentad by laser flash photolysis. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 261-269	1.8	10
45	Photoinduced processes of newly synthesized bisferrocene- and bisfullerene-substituted tetrads with a triphenylamine central block. *Journal of Organometallic Chemistry*, **2009**, 694, 1818-1825	2.3	10
44	A light harvesting perylene derivative - zinc phthalocyanine complex in water: spectroscopic and thermodynamic studies. *Photochemical and Photobiological Sciences*, **2017**, 16, 861-869	4.2	9
43	Synthesis, photophysical and photochemical properties of novel phthalocyanines substituted with triptycene moieties. *Polyhedron*, **2015**, 90, 85-90	2.7	9
42	Water soluble porphyrin as optical sensor for the toxic heavy metal ions in an aqueous medium. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 241, 118609	4.4	9
41	A subphthalocyanine-pyrene dyad: electron transfer and singlet oxygen generation. *Photochemical and Photobiological Sciences*, **2017**, 16, 1512-1518	4.2	9
40	Photoinduced Intramolecular Electron Transfer of Carbazole Trimer-[60]Fullerene Studied by Laser Flash Photolysis Techniques. *Journal of Physical Chemistry C*, **2008**, 112, 1244-1249	3.8	9
39	Photoinduced electron transfer between fullerenes (C60/C70) and disubstituted naphthalenes using laser flash photolysis. *Journal of Photochemistry and Photobiology A: Chemistry*, **2001**, 141, 1-7	4.7	9
38	Fluorescence quenching and complexation behaviour of tetraphenylporphyrin with some divalent metal ions. *Journal of the Chemical Society, Faraday Transactions*, **1996**, 92, 747		9
37	Efficient adsorptive removal of tetracycline from aqueous solution using phytosynthesized nano-zero valent iron. *Journal of Saudi Chemical Society*, **2021**, 25, 101365	4.3	9
36	Silicon phthalocyanine-azobenzene-[60]fullerene light harvesting pentad: synthesis, characterization and electron transfer reaction studied by laser flash photolysis. *Journal of Porphyrins and Phthalocyanines*, **2013**, 17, 1055-1063	1.8	8
35	A new cyanofluorene-triphenylamine copolymer: synthesis and photoinduced intramolecular electron transfer processes. *Chemistry - A European Journal*, **2009**, 15, 10818-24	4.8	8
34	Photoinduced energy-transfer and electron-transfer processes in molecules of tetrakis((E)-2-(50-hexyl-2,20-bithiophen-5-yl)vinyl)benzene and perylenediimide. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 218, 17-25	4.7	8
33	Effects of Trimethylpyridine Addition on forward and backward Electron Transfer between Triplet States of C60/C70 and 2-Naphthols. *Journal of Physical Chemistry A*, **2000**, 104, 1196-1200	2.8	8

32	Light-Harvesting Phthalocyanine-Diketopyrrolopyrrole Derivatives: Synthesis, Spectroscopic, Electrochemical, and Photochemical Studies. *Chemistry - A European Journal*, **2016**, 22, 17800-17807	4.8	7
31	Synthesis, electrochemical, and photophysical studies of hexadecachlorinatedphthalocyaninato zinc(II). *Dyes and Pigments*, **2011**, 91, 231-236	4.6	7
30	A new blue-light emitting polymer: Synthesis and photoinduced electron transfer process. *Journal of Polymer Science Part A*, **2008**, 46, 4249-4253	2.5	7
29	Intramolecular photoinduced processes of newly synthesized dual zinc porphyrin-fullerene triad with flexible linkers. *Journal of Porphyrins and Phthalocyanines*, **2006**, 10, 1380-1391	1.8	7
28	Light harvesting subphthalocyanine–ferrocene dyads: Fast electron transfer process studied by femtosecond laser photolysis. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 1148-1155	1.8	6
27	Fabrication of Mesoporous NaZrP Cation-Exchanger for U(VI) Ions Separation from Uranyl Leach Liquors. *Colloids and Interfaces*, **2019**, 3, 61	3	5
26	MoS2 nanosheets chemically modified with metal phthalocyanine via mussel-inspired chemistry for multifunctional memristive devices. *Journal of Materials Chemistry C*,	7.1	5
25	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. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 382, 111945	4.7	4
24	Synthesis and fast electron-transfer reactions of fullerene–carbazole dendrimers with short linkages. *New Journal of Chemistry*, **2013**, 37, 3252	3.6	4
23	Spectroscopic and thermodynamic studies of light harvesting perylenediimide derivative - zinc porphyrin complex in aqueous media. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 186, 132-139	4.4	4
22	Conjugated polymer covalently modified multi-walled carbon nanotubes for flexible nonvolatile RRAM devices. *European Polymer Journal*, **2021**, 142, 110153	5.2	4
21	Optoelectrical Switching of Nonfullerene Acceptor Y6 and BPQD-Based Bulk Heterojunction Memory Device through Photoelectric Effect. *Advanced Electronic Materials*, **2021**, 7, 2001191	6.4	4
20	Optical properties and structural morphology of one-dimensional perylenediimide derivatives. *Journal of Luminescence*, **2018**, 196, 455-461	3.8	4
19	Facile and environmentally friendly fabrication of few-layer bismuthene by electrochemical exfoliation method for ultrafast photonic applications. *Journal of Alloys and Compounds*, **2021**, 882, 160766	5.7	4
18	Simple, selective detection and efficient removal of toxic lead and silver metal ions using Acid Red 94.. *RSC Advances*, **2019**, 9, 8355-8363	3.7	3
17	Energy transfer between two light harvesting phthalocyanine derivatives as model for artificial photosynthetic antenna: Laser photolysis studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 205, 508-513	4.4	3
16	Photoinduced electron transfer from silyl end-capped sexithiophene to benzoquinone derivatives studied by laser photolysis. *Journal of Photochemistry and Photobiology A: Chemistry*, **2015**, 302, 11-16	4.7	2
15	Solution-Processed Bulk Heterojunction Solar Cells with Silyl End-Capped Sexithiophene. *International Journal of Photoenergy*, **2013**, 2013, 1-9	2.1	2

14	Comparative study of the bimolecular electron transfer of fullerenes (C60/C70) and 9,9-disubstituted fluorenes by laser flash photolysis. *Photochemical and Photobiological Sciences*, **2007**, 6, 539-44	4.2	2
13	Photoinduced Electron Transfer Between Chlorophylls (a/b) and Fullerenes (C60/C70) Studied by Laser Flash Photolysis. *Photochemistry and Photobiology*, **2007**, 74, 22-30	3.6	2
12	Unusual Photophysical Properties of Emerald Green [60]Fullerene. *Chemistry Letters*, **2006**, 35, 710-711	1.7	2
11	Proton-responsive azulene-based conjugated polymer with nonvolatile memory effects. *New Journal of Chemistry*,	3.6	2
10	Synthesis, photophysical, and theoretical studies on π-conjugated copolymers based on benzothiadiazole and cyanopyridine acceptor moieties along with other π-bridge units. *Journal of Physical Organic Chemistry*, **2021**, 34, e4158	2.1	2
9	Intramolecular electron transfer of light harvesting perylene-pyrene supramolecular conjugate. *Photochemical and Photobiological Sciences*, **2018**, 17, 1098-1107	4.2	1
8	Symmetrical phthalocyanine bearing four triptycene moieties: Synthesis, photophysical and singlet oxygen generation. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 990-1000	1.8	1
7	Synthesis and photophysical studies of a low-symmetry tribenzoisothiazoloporphyrazine. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 1090-1097	1.8	1
6	Energy-transfer versus electron-transfer reactions for the light-harvesting phthalocyanine/ dithiolato-bisimino zinc system. *Journal of Coordination Chemistry*, **2020**, 73, 622-633	1.6	1
5	Improving the Long-Term Stability of BPQD-Based Memory Device via Modification with Polyvinylpyrrolidone-Grafted Polydopamine. *Advanced Electronic Materials*,2101057	6.4	1
4	BSA Interaction, Molecular Docking, and Antibacterial Activity of Zinc(II) Complexes Containing the Sterically Demanding Biomimetic N3S2 Ligand: The Effect of Structure Flexibility. *Molecules*, **2022**, 27, 3543	4.8	1
3	Donor-acceptor-type poly[chalcogenoviologen--triphenylamine] for synaptic biomimicking and neuromorphic computing.. *IScience*, **2022**, 25, 103640	6.1	0
2	Cyanospirobifluorene-based conjugated polyelectrolytes: Synthesis and tunable nonvolatile information storage performance. *European Polymer Journal*, **2022**, 163, 110940	5.2	0
1	Innenrücktitelbild: Charge Dynamics in A Donor–Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions (Angew. Chem. 7/2013). *Angewandte Chemie*, **2013**, 125, 2181-2181	3.6	