

# Lingamallu Giribabu

## 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.

212  
papers

5,610  
citations

37  
h-index

63  
g-index

226  
ext. papers

6,347  
ext. citations

4  
avg, IF

6.11  
L-index

#	Paper	IF	Citations
212	Photodynamic Therapy-Induced Oxidative Stress for Cancer Treatment <b>2022</b> , 1-23		
211	Femtosecond excited-state dynamics and ultrafast nonlinear optical investigations of ethynylthiophene functionalized porphyrin. <i>Optical Materials</i> , <b>2022</b> , 127, 112232	3.3	2
210	1D alignment of Co(II) metalated porphyrin-naphthalimide based self-assembled nanowires for photocatalytic hydrogen evolution.. <i>Nanoscale</i> , <b>2021</b> , 14, 140-146	7.7	2
209	Tetraphenylethylene-Substituted Bis(thienyl)imidazole (DTITPE), An Efficient Molecular Sensor for the Detection and Quantification of Fluoride Ions. <i>Chemosensors</i> , <b>2021</b> , 9, 285	4	1
208	Light-induced energy transfer followed by electron transfer in axially co-ordinated benzothiazole tethered zinc porphyrin-fullero[C60/C70]pyrrolidine triads. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2021</b> , 25, 469-483	1.8	1
207	Self-assembly of a symmetrical dimethoxyphenyl substituted Zn(II) phthalocyanine into nanoparticles with enhanced NIR absorbance for singlet oxygen generation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 408, 113123	4.7	1
206	Porphyrin-based supramolecular assemblies and their applications in NLO and PDT. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2021</b> , 25, 382-395	1.8	8
205	Conjugated Materials Derived From Boron-Chalcogenophene Combination. A Brief Description of Synthetic Routes and Optoelectronic Applications. <i>Chemical Record</i> , <b>2021</b> , 21, 1738-1770	6.6	2
204	Bioactive isatin (oxime)-triazole-thiazolidinedione ferrocene molecular conjugates: Design, synthesis and antimicrobial activities. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 937, 121716	2.3	4
203	Comparative photophysical and femtosecond third-order nonlinear optical properties of novel imidazole substituted metal phthalocyanines. <i>Dyes and Pigments</i> , <b>2021</b> , 184, 108791	4.6	16
202	Conducting Nanofibers: Diagonal Scrolling of 2D Nanosheets into 1D Nanostructures via In Situ Self-Assembly. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 176-183	4	4
201	A side-on Mn(III)-peroxo supported by a non-heme pentadentate NPy ligand: synthesis, characterization and reactivity studies. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2824-2831	4.3	4
200	Effect of auxiliary acceptor on D-FA based porphyrin sensitizers for dye sensitized solar cells. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2021</b> , 25, 407-417	1.8	6
199	Phenothiazine functional materials for organic optoelectronic applications. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 14969-14996	3.6	9
198	Optical, Electrochemical, Third-Order Nonlinear Optical Investigations of 3,4,5-Trimethoxy Phenyl Substituted Non-Aqueous Phthalocyanines. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 713939	5	4
197	Cu(II/I) redox couples: potential alternatives to traditional electrolytes for dye-sensitized solar cells. <i>Materials Advances</i> , <b>2021</b> , 2, 1229-1247	3.3	15
196	Efficient visible-light-driven hydrogen production by Zn porphyrin based photocatalyst with engineered active donor-acceptor sites. <i>Materials Advances</i> , <b>2021</b> , 2, 4762-4771	3.3	4

195	Ultrafast photophysical and nonlinear optical properties of novel free base and axially substituted phosphorus (V) corroles. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 311, 113308	6	15
194	Ultrafast nonlinear optical properties and excited-state dynamics of Soret-band excited D-ED porphyrins. <i>Optical Materials</i> , <b>2020</b> , 107, 110041	3.3	11
193	Bulky Phenanthroimidazole-Phenothiazine D $\pi$ A Based Organic Sensitizers for Application in Efficient Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 6758-6767	6.1	22
192	Bulk electrolysis of Zn-phthalocyanine unveils self assembled nanospheres via anion binding. <i>Current Applied Physics</i> , <b>2020</b> , 20, 777-781	2.6	1
191	A novel nonheme manganese(II) complex for (electro) catalytic oxidation of water. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 2656-2660	5.8	1
190	Crystalline D-ED porphyrin molecules as a hole-transporting material for printable perovskite solar cells. <i>Solar Energy</i> , <b>2020</b> , 206, 539-547	6.8	6
189	Synthesis and Opto-electronic Properties of BODIPY o-OPhos Systems. <i>Photochemistry and Photobiology</i> , <b>2020</b> , 96, 1182-1190	3.6	0
188	Bis(4'-tert-butylbiphenyl-4-yl)aniline (BBA)-substituted A3B zinc porphyrin as light harvesting material for conversion of light energy to electricity. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 1189-1197	1.8	2
187	Light induced intramolecular energy and electron transfer events in carbazoleborrole and phenothiazine-corrole dyads. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 693-704	1.8	0
186	Hexyl dithiafulvalene (HDT)-substituted carbazole (CBZ) D $\pi$ A based sensitizers for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18481-18488	3.6	4
185	Unravelling the impact of thiophene auxiliary in new porphyrin sensitizers for high solar energy conversion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 392, 112408	4.7	13
184	Excitation-Wavelength-Dependent Light-Induced Electron Transfer and Twisted Intramolecular Charge Transfer in $\pi$ -Bis(4'-butylbiphenyl-4-yl)aniline Functionalized Borondipyrromethenes. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 9738-9750	2.8	3
183	Multistep Electron Injection Dynamics and Optical Nonlinearity Investigations of $\pi$ -Extended Thioalkyl-Substituted Tetrathiafulvalene Sensitizers. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 24039-24051	2.8	7
182	Revealing high hydrogen evolution activity in zinc porphyrin sensitized hierarchical porous TiO <sub>2</sub> photocatalysts. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 7508-7516	6.7	23
181	Recent Progress and Emerging Applications of Rare Earth Doped Phosphor Materials for Dye-Sensitized and Perovskite Solar Cells: A Review. <i>Chemical Record</i> , <b>2020</b> , 20, 65-88	6.6	25
180	Demagnetization field driven charge transport in a TiO <sub>2</sub> based dye sensitized solar cell. <i>Solar Energy</i> , <b>2019</b> , 187, 281-289	6.8	5
179	MACoBr: lead-free cobalt-based perovskite for electrochemical conversion of water to oxygen. <i>Chemical Communications</i> , <b>2019</b> , 55, 6779-6782	5.8	7
178	Functional $\pi$ -conjugated tetrathiafulvalene decorated with benzothiadiazole organic sensitizers for dye sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8919-8929	3.6	9

177	Synthesis, characterization and antimicrobial evaluation of ferrocene-oxime ether benzyl 1H-1,2,3-triazole hybrids. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8341-8351	3.6	16
176	Ambient stable, hydrophobic, electrically conductive porphyrin hole-extracting materials for printable perovskite solar cells. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 4702-4708	7.1	18
175	Intramolecular electron transfer in porphyrin-anthraquinone donor-acceptor systems with varying molecular bridges. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 628-638	1.8	2
174	Recent Advances on Porphyrin Dyes for Dye-Sensitized Solar Cells <b>2019</b> , 231-284		8
173	Synthesis, Optical, Electrochemical, DFT Studies, NLO Properties, and Ultrafast Excited State Dynamics of Carbazole-Induced Phthalocyanine Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 11118-11133	3.8	36
172	Influence of strong electron donating nature of phenothiazine on A3B- type porphyrin based dye sensitized solar cells. <i>Solar Energy</i> , <b>2019</b> , 184, 620-627	6.8	14
171	Metallated Macrocyclic Derivatives as a Hole - Transporting Materials for Perovskite Solar Cells. <i>Chemical Record</i> , <b>2019</b> , 19, 2157-2177	6.6	14
170	1,2,3-Triazole derivatives of 3-ferrocenylidene-2-oxindole: Synthesis, characterization, electrochemical and antimicrobial evaluation. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4817	3.1	7
169	Solution processed aligned ZnO nanowires as anti-reflection and electron transport layer in organic dye-sensitized solar cells. <i>Optical Materials</i> , <b>2019</b> , 95, 109243	3.3	9
168	Unsymmetrical phenanthro-imidazole/phenothiazine conjugates for optoelectronic applications. <i>Materials Letters</i> , <b>2019</b> , 253, 384-387	3.3	4
167	Efficient near IR porphyrins containing a triphenylamine-substituted anthryl donating group for dye sensitized solar cells. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 13594-13605	7.1	19
166	Metal-free propargylation/aza-annulation approach to substituted $\beta$ -carbolines and evaluation of their photophysical properties. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9291-9304	3.9	11
165	Optoelectronic, femtosecond nonlinear optical properties and excited state dynamics of a triphenyl imidazole induced phthalocyanine derivative.. <i>RSC Advances</i> , <b>2019</b> , 9, 36726-36741	3.7	14
164	Isophorone-boronate ester: A simple chemosensor for optical detection of fluoride anion. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4688	3.1	8
163	Tetrathiafulvalene Scaffold-Based Sensitizer on Hierarchical Porous TiO <sub>2</sub> : Efficient Light-Harvesting Material for Hydrogen Production. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 70-81	3.8	18
162	Stipulating Low Production Cost Solar Cells All Set to Retail $\square$ <i>Chemical Record</i> , <b>2019</b> , 19, 661-674	6.6	10
161	PEO based polymer composite with added acetamide, NaI/I <sub>2</sub> as gel polymer electrolyte for dye sensitized solar cell applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 310, 012012	0.4	6
160	Recent Advances in Halide-Based Perovskite Crystals and Their Optoelectronic Applications. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2645-2664	3.5	51

159	Hypochlorite-Mediated Modulation of Photoinduced Electron Transfer in a Phenothiazine-Boron dipyrromethene Electron Donor-Acceptor Dyad: A Highly Water Soluble "Turn-On" Fluorescent Probe for Hypochlorite. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1594-1608	4.5	20
158	Substituent-Induced Deformed NiPorphyrin as an Electrocatalyst for the Electrochemical Conversion of Water into Dioxygen. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1549-1555	2.3	4
157	Unveiling the Reversibility of CrystallineAmorphous Nanostructures via Sonication-Induced Protonation. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 10255-10260	3.8	10
156	2,4-Thiazolidinedione as a Bioactive Linker for Ferrocenyl SugarTriazole Conjugates: Synthesis, Characterization and Biological Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1571-1580	2.3	6
155	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> , <b>2018</b> , 42, 8230-8240	3.6	10
154	Facile synthesis, characterisation and anti-inflammatory activities of ferrocenyl ester derivatives of 4-arylidene-5-imidazolinones. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4021	3.1	4
153	Excitation-dependent electron exchange energy and electron transfer dynamics in a series of covalently tethered N,N-bis(4'-tert-butylbiphenyl-4-yl)aniline - [C] fullerene dyads via varying E-conjugated spacers. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 21352-21367	3.6	5
152	Photobleaching of TriphenylaminePhtalocyanine Entails Mixed Valence-State Triggered Self-Assembled Nanospheres. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 19946-19952	3.8	6
151	Femtosecond, broadband nonlinear optical studies of a zinc porphyrin and zinc phthalocyanine. <i>Optics and Laser Technology</i> , <b>2018</b> , 108, 418-425	4.2	24
150	N-Arylation of ferrocenyl 2,4-thiazolidinedione conjugates via a copper-catalysed ChanLam cross coupling reaction with aryl boronic acids and their optoelectronic properties. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12587-12594	3.6	6
149	Hierarchical Porous TiO2 Embedded Unsymmetrical ZincPhtalocyanine Sensitizer for Visible-Light-Induced Photocatalytic H2 Production. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 495-502	3.8	35
148	Photoinduced energy transfer in carbazole-BODIPY dyads. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 27418-27428	3.6	17
147	Kinetics of dye regeneration in liquid electrolyte unveils efficiency of 10.5% in dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 11444-11456	7.1	14
146	One-dimensional hollow metal-complex as catalytic electrode for dye-sensitized solar cells. <i>Solar Energy</i> , <b>2018</b> , 174, 502-507	6.8	4
145	Novel Amphiphilic G-Quadruplex Binding Synthetic Derivative of TMPyP4 and Its Effect on Cancer Cell Proliferation and Apoptosis Induction. <i>Biochemistry</i> , <b>2018</b> , 57, 6514-6527	3.2	8
144	The performance enhancement of HTM-free ZnO nanowire-based perovskite solar cells via low-temperature TiCl4 treatment. <i>Solar Energy</i> , <b>2018</b> , 170, 158-163	6.8	10
143	Effect of spacers and anchoring groups of extended E-conjugated tetrathiafulvalene based sensitizers on the performance of dye sensitized solar cells. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 345-353	5.8	18
142	SpinOrbit coupling and Lorentz force enhanced efficiency of TiO2-based dye sensitized solar cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2017</b> , 214, 1600691	1.6	4

141	Triphenylamine corrole dyads: Synthesis, characterization and substitution effect on photophysical properties. <i>Journal of Chemical Sciences</i> , <b>2017</b> , 129, 223-237	1.8	3
140	Novel photoanode architecture for optimal dye-sensitized solar cell performance and its small cell module study. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 439-443	5.8	7
139	Donor-Acceptor Based Stable Porphyrin Sensitizers for Dye-Sensitized Solar Cells: Effect of Conjugated Spacers. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 6464-6477	3.8	85
138	Recent developments in tetrathiafulvalene and dithiafulvalene based metal-free organic sensitizers for dye-sensitized solar cells: a mini-review. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 678-688	5.8	26
137	Hypochlorite-promoted inhibition of photo-induced electron transfer in phenothiazine-Borondipyrromethene donor-Acceptor dyad: a cost-effective and metal-free Turn-on Fluorescent chemosensor for hypochlorite. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5322-5333	3.6	23
136	H-bonding Assisted Self-Assembled One-Dimensional Nanotubes of Redox Active Triphenylamine-Benzothiadiazole Derivative. <i>ChemistrySelect</i> , <b>2017</b> , 2, 4320-4324	1.8	2
135	Emerging of Inorganic Hole Transporting Materials For Perovskite Solar Cells. <i>Chemical Record</i> , <b>2017</b> , 17, 681-699	6.6	56
134	Photodynamic Therapy: Past, Present and Future. <i>Chemical Record</i> , <b>2017</b> , 17, 775-802	6.6	231
133	Heteroleptic Ru(II) cyclometalated complexes derived from benzimidazole-phenyl carbene ligands for dye-sensitized solar cells: an experimental and theoretical approach. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 947-957	7.8	9
132	Bulky Nature Phenanthroimidazole-Based Porphyrin Sensitizers for Dye-Sensitized Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 25691-25704	3.8	20
131	Enhanced light harvesting with novel photon upconverted Y2CaZnO5:Er <sup>3+</sup> /Yb <sup>3+</sup> nanophosphors for dye sensitized solar cells. <i>Solar Energy</i> , <b>2017</b> , 157, 956-965	6.8	23
130	Role of Co-Sensitizers in Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , <b>2017</b> , 10, 4668-4689	8.3	32
129	Light induced oxidation of an indoline derived system triggered spherical aggregates. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 26535-26539	3.6	7
128	High performance dye anchored counter electrodes with a SPSQ2 sensitizer for dye sensitized solar cell applications. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 735-740	7.8	4
127	Stable and charge recombination minimized Extended thioalkyl substituted tetrathiafulvalene dye-sensitized solar cells. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 460-467	7.8	25
126	Synthesis, characterization and photophysical properties of ferrocenyl and mixed sandwich cobaltocenyl ester linked meso-triaryl corrole dyads. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2017</b> , 21, 646-657	1.8	2
125	Pt-free spray coated reduced graphene oxide counter electrodes for dye sensitized solar cells. <i>Solar Energy</i> , <b>2016</b> , 137, 143-147	6.8	30
124	Soluble tetratriphenylamine Zn phthalocyanine as Hole Transporting Material for Perovskite Solar Cells. <i>Electrochimica Acta</i> , <b>2016</b> , 222, 875-880	6.7	32



123	Unprecedented Charge-Transfer Complex of Fused Diporphyrin as Near-Infrared Absorption-Induced High-Aspect-Ratio Nanorods. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 3498-3502	4.5	7
122	Synthesis and characterization of tetratriphenylamine Zn phthalocyanine as hole transporting material for perovskite solar cells. <i>Solar Energy</i> , <b>2016</b> , 140, 60-65	6.8	27
121	Dye anchored counter electrode: novel architecture towards enhanced performance for multiple dye sensitized solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 22620-22624	3.7	4
120	Synthesis and spectroscopic studies of axially bound tetra(phenothiazinyl)/tetra(bis(4-tert-butylphenyl-4-yl)aniline)-zinc(II)porphyrin-fullero[C60 & C70]pyrrolidine donor-acceptor triads. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 66, 5-10	3.1	16
119	Noble metals (Ag, Au, Pt) functionalized carbon nanohorns as alternate counter electrodes for dye sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 5802-5809	2.1	5
118	Carbon nanohorns functionalized PEDOT:PSS nanocomposites for dye sensitized solar cell applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 4050-4056	2.1	7
117	Near-infrared unsymmetrical blue and green squaraine sensitizers. <i>Photochemical and Photobiological Sciences</i> , <b>2016</b> , 15, 287-96	4.2	18
116	Recent Advances in Perovskite-Based Solar Cells. <i>Current Science</i> , <b>2016</b> , 111, 1173	2.2	18
115	Ultrafast Intramolecular Photoinduced Energy Transfer Events in Benzothiazole-Borondipyrromethene Donor-Acceptor Dyads. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 16305-16321	3.8	19
114	Carbon nanohorns based counter electrodes developed by spray method for dye sensitized solar cells. <i>Solar Energy</i> , <b>2016</b> , 133, 524-532	6.8	30
113	Ferrocenyl chalcogeno (sugar) triazole conjugates: Synthesis, characterization and anticancer properties. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 813, 125-130	2.3	15
112	Light induced intramolecular electron and energy transfer events in rigidly linked borondipyrromethene: Corrole Dyad. <i>Journal of Luminescence</i> , <b>2016</b> , 177, 209-218	3.8	13
111	Near-infrared squaraine co-sensitizer for high-efficiency dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 14279-85	3.6	35
110	Optical, electrochemical and third-order nonlinear optical studies of triphenylamine substituted zinc phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 1173-1181	1.8	6
109	Design of diketopyrrolopyrrole chromophores applicable as sensitizers in dye-sensitized photovoltaic windows for green houses. <i>Dyes and Pigments</i> , <b>2016</b> , 134, 472-479	4.6	16
108	Efficient Solution Processable Polymer Solar Cells Using Newly Designed and Synthesized Fullerene Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 19493-19503	3.8	15
107	Corrole-ferrocene and corrole-anthraquinone dyads: synthesis, spectroscopy and photochemistry. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 26607-20	3.6	19
106	Recent advances in flexible perovskite solar cells. <i>Chemical Communications</i> , <b>2015</b> , 51, 14696-707	5.8	71

105	Spacer controlled photo-induced intramolecular electron transfer in a series of phenothiazine-boron dipyrromethene donor-acceptor dyads. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2015</b> , 312, 8-19	4.7	31
104	Benzimidazole-functionalized ancillary ligands for heteroleptic Ru(II) complexes: synthesis, characterization and dye-sensitized solar cell applications. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14697-706	4.3	25
103	Photophysical properties of Sn(IV)tetraphenylporphyrin-pyrene dyad with a $\beta$ -vinyl linker. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 288-300	1.8	6
102	Carbazole-based sensitizers for potential application to dye sensitized solar cells. <i>Journal of Chemical Sciences</i> , <b>2015</b> , 127, 383-394	1.8	15
101	Subphthalocyanine as hole transporting material for perovskite solar cells. <i>RSC Advances</i> , <b>2015</b> , 5, 69813-69818	3.7	10
100	DSSC system based on zinc porphyrin dyes for dye-sensitized solar cells: Combined experimental and DFT-TDDFT study. <i>Polyhedron</i> , <b>2015</b> , 100, 313-320	2.7	26
99	Synthesis, structure and photophysical properties of ferrocenyl or mixed sandwich cobaltocenyl ester linked meso-tetratolylporphyrin dyads. <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 33-41	3.6	12
98	Photoinduced intramolecular reactions in triphenylamine-corrole dyads. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2015</b> , 296, 11-18	4.7	16
97	Triphenylamine-functionalized corrole sensitizers for solar-cell applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 194-202	1.6	25
96	Recent Advances of Cobalt(II/III) Redox Couples for Dye-Sensitized Solar Cell Applications. <i>Chemical Record</i> , <b>2015</b> , 15, 760-88	6.6	45
95	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> , <b>2015</b> , 10, 2708-19	4.5	23
94	Enhanced dye sensitized solar cell performance with high surface area thin ZnO film and PEDOT:PSS. <i>Solar Energy</i> , <b>2015</b> , 118, 126-133	6.8	12
93	Optical, electrochemical, third order nonlinear optical, and excited state dynamics studies of bis(3,5-trifluoromethyl)phenyl-zinc phthalocyanine. <i>RSC Advances</i> , <b>2015</b> , 5, 20810-20817	3.7	15
92	Femtosecond to Microsecond Dynamics of Soret-Band Excited Corroles. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 28691-28700	3.8	19
91	Intramolecular cyclization assisted oxidative addition: synthesis of octahedral cycloplatinated methyl complexes. <i>RSC Advances</i> , <b>2015</b> , 5, 20295-20301	3.7	5
90	Ferrocenyl pyrazoline based multichannel receptors for a simple and highly selective recognition of Hg <sup>2+</sup> and Cu <sup>2+</sup> ions. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 780, 20-29	2.3	22
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