# Rajneesh Misra

## List of Publications by Year in Descending Order



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| 136 papers | 3,637 citations | 35 h-index | 51 g-index |
| 140 ext. papers | 4,328 ext. citations | 5.2 avg, IF | 6.21 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 136 | Mechanochromic luminogens with hypsochromically shifted emission switching property: recent advances and perspectives. *Journal of Materials Chemistry C*, **2022**, 10, 5024-5064 | 7.1 | 3 |
| 135 | Dicyanoquinodimethane (DCNQ) linked benzothiadiazole and phenothiazine derivatives for photoacoustic imaging. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 429, 113935 | 4.7 | |
| 134 | Recent development of pyridine based charge transporting materials for organic light-emitting diodes and perovskite solar cells. *Journal of Materials Chemistry C*, **2022**, 10, 6992-7017 | 7.1 | 2 |
| 133 | Symmetric and Asymmetric Push-Pull Conjugates: Significance of Pull Group Strength on Charge Transfer and Separation. *Journal of Physical Chemistry B*, **2021**, 125, 4067-4075 | 3.4 | 7 |
| 132 | Tuning the Fluorescence and the Intramolecular Charge Transfer of Phenothiazine Dipolar and Quadrupolar Derivatives by Oxygen Functionalization. *Journal of the American Chemical Society*, **2021**, 143, 9933-9943 | 16.4 | 19 |
| 131 | Pentafluorophenyl substituted fulleropyrrolidine: a molecule enabling the most efficient flexible electrochromic device with fast switching. *Journal of Materials Chemistry C*, **2021**, 9, 3462-3469 | 7.1 | 14 |
| 130 | Design and synthesis of 1,8-naphthalimide functionalized benzothiadiazoles. *New Journal of Chemistry*, **2021**, 45, 9838-9845 | 3.6 | 1 |
| 129 | Thioether linked meso functionalized BODIPY DYEmer. *Journal of Porphyrins and Phthalocyanines*, **2021**, 25, 428-435 | 1.8 | |
| 128 | Tailoring of a Phenothiazine Core for Electrical Conductivity and Thermal Stability: Hole-Selective Layers in Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2021**, 13, 33311-33320 | 9.5 | 8 |
| 127 | Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. *Angewandte Chemie*, **2021**, 133, 20681-20690 | 3.6 | 1 |
| 126 | Photoinduced Charge Separation Prompted Intervalence Charge Transfer in a Bis(thienyl)diketopyrrolopyrrole Bridged Donor-TCBD Push-Pull System. *Angewandte Chemie - International Edition*, **2021**, 60, 20518-20527 | 16.4 | 4 |
| 125 | Charge-Transfer in Panchromatic Porphyrin-Tetracyanobuta-1,3-Diene-Donor Conjugates: Switching the Role of Porphyrin in the Charge Separation Process. *Chemistry - A European Journal*, **2021**, 27, 14335-14344 | 4.8 | 1 |
| 124 | Mechanochromism and Aggregation-Induced Emission in Phenanthroimidazole Derivatives: Role of Positional Change of Different Donors in a Multichromophoric Assembly. *Journal of Organic Chemistry*, **2021**, 86, 1560-1574 | 4.2 | 21 |
| 123 | Carbazole-Based Spiro[fluorene-9,9Sxanthene] as an Efficient Hole-Transporting Material for Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 28246-28252 | 9.5 | 22 |
| 122 | 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. *Chemistry - A European Journal*, **2020**, 26, 6869-6878 | 4.8 | 18 |
| 121 | Synthesis and Characterization of Isoindigo-Based Push-Pull Chromophores. *Journal of Organic Chemistry*, **2020**, 85, 4611-4618 | 4.2 | 6 |
| 120 | Recent advances of BODIPY based derivatives for optoelectronic applications. *Coordination Chemistry Reviews*, **2020**, 421, 213462 | 23.2 | 67 |

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| 119 | Formation of Highly Efficient, Long-Lived Charge Separated States in Star-Shaped Ferrocene-Diketopyrrolopyrrole-Triphenylamine Donor-Acceptor-Donor Conjugates. *Chemistry - A European Journal*, **2020**, 26, 15109-15115 | 4.8 | 7 |
| 118 | Stimuli-responsive phenothiazine-based donor–acceptor isomers: AIE, mechanochromism and polymorphism. *Journal of Materials Chemistry C*, **2020**, 8, 3589-3602 | 7.1 | 29 |
| 117 | Pyridine Bridging Diphenylamine-Carbazole with Linking Topology as Rational Hole Transporter for Perovskite Solar Cells Fabrication. *ACS Applied Materials & Interfaces*, **2020**, 12, 22881-22890 | 9.5 | 29 |
| 116 | Metal Functionalized Diketopyrrolopyrroles: A Promising Class of Materials for Optoelectronic Applications. *Chemical Record*, **2020**, 20, 596-603 | 6.6 | 4 |
| 115 | Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. *Angewandte Chemie - International Edition*, **2020**, 59, 23697-23705 | 16.4 | 8 |
| 114 | Singlet and Triplet Excited-State Dynamics of 3,7-Bis(arylethynyl)phenothiazines: Intramolecular Charge Transfer and Reverse Intersystem Crossing. *Journal of Physical Chemistry C*, **2020**, 124, 17864-17878 | 3.8 | 5 |
| 113 | Interfacing High-Energy Charge-Transfer States to a Near-IR Sensitizer for Efficient Electron Transfer upon Near-IR Irradiation. *Angewandte Chemie*, **2020**, 132, 23905-23913 | 3.6 | 5 |
| 112 | Multiple Intramolecular Charge Transfers in Multimodular Donor–Acceptor Chromophores with Large Two-Photon Absorption. *Journal of Physical Chemistry C*, **2020**, 124, 24631-24643 | 3.8 | 8 |
| 111 | Electron Donor Ferrocenyl Phenothiazine: Counter Ion for Improving All-Organic Electrochromism. *ACS Applied Electronic Materials*, **2020**, 2, 2994-3000 | 4 | 10 |
| 110 | White hyperelectrofluorescence from solution-processable OLEDs based on phenothiazine substituted tetraphenylethylene derivatives. *Journal of Materials Chemistry C*, **2020**, 8, 13375-13388 | 7.1 | 13 |
| 109 | Charge stabilization electron exchange: excited charge separation in symmetric, central triphenylamine derived, dimethylaminophenyl-tetracyanobutadiene donor-acceptor conjugates. *Chemical Science*, **2020**, 12, 1109-1120 | 9.4 | 13 |
| 108 | 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. *Journal of Physical Chemistry C*, **2019**, 123, 23382-23389 | 3.8 | 21 |
| 107 | Rational molecular design towards NIR absorption: efficient diketopyrrolopyrrole derivatives for organic solar cells and photothermal therapy. *Journal of Materials Chemistry C*, **2019**, 7, 13020-13031 | 7.1 | 26 |
| 106 | Energy-Transfer and Charge-Transfer Dynamics in Highly Fluorescent Naphthalimide–BODIPY Dyads: Effect of BODIPY Orientation. *Journal of Physical Chemistry C*, **2019**, 123, 24362-24374 | 3.8 | 14 |
| 105 | Reversible mechanochromism and aggregation induced enhanced emission in phenothiazine substituted tetraphenylethylene. *New Journal of Chemistry*, **2019**, 43, 16156-16163 | 3.6 | 31 |
| 104 | Strong Ground- and Excited-State Charge Transfer in C -Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadine and Expanded Conjugates. *Angewandte Chemie - International Edition*, **2019**, 58, 4350-4355 | 16.4 | 24 |
| 103 | Strong Ground- and Excited-State Charge Transfer in C3-Symmetric Truxene-Derived Phenothiazine-Tetracyanobutadine and Expanded Conjugates. *Angewandte Chemie*, **2019**, 131, 4394-4399 | 3.6 | 17 |
| 102 | Tetracyanobutadiene (TCBD) functionalized benzothiadiazole derivatives: effect of donor strength on the [2+2] cycloaddition–retroelectrocyclization reaction. *New Journal of Chemistry*, **2019**, 43, 12299-12307 | 3.6 | 3 |

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| 101 | Push-Pull Porphyrins via Pyrrole Functionalization: Evidence of Excited State Events Leading to High-Potential Charge-Separated States. *Chemistry - A European Journal*, **2019**, 25, 12991-13001 | 4.8 | 11 |
| 100 | Donor–acceptor substituted 1,8-naphthalimides: design, synthesis, and structure–property relationship. *Journal of Materials Chemistry C*, **2019**, 7, 14798-14815 | 7.1 | 34 |
| 99 | Near-infrared absorbing tetracyanobutadiene-bridged diketopyrrolopyrroles. *New Journal of Chemistry*, **2018**, 42, 3892-3899 | 3.6 | 5 |
| 98 | Phenothiazine-based small-molecule organic solar cells with power conversion efficiency over 7% and open circuit voltage of about 1.0 V using solvent vapor annealing. *Physical Chemistry Chemical Physics*, **2018**, 20, 6321-6329 | 3.6 | 17 |
| 97 | Stimuli responsive AIE active positional isomers of phenanthroimidazole as non-doped emitters in OLEDs. *Journal of Materials Chemistry C*, **2018**, 6, 2077-2087 | 7.1 | 64 |
| 96 | Enhanced photovoltaic performance using biomass derived nano 3D ZnO hierarchical superstructures and a D-A type CS-Symmetric triphenylamine linked bisthiazole. *Electrochimica Acta*, **2018**, 259, 262-275 | 6.7 | 8 |
| 95 | Nonfullerene Polymer Solar Cells Reaching a 9.29% Efficiency Using a BODIPY-Thiophene Backboned Donor Material. *ACS Applied Energy Materials*, **2018**, 1, 3359-3368 | 6.1 | 15 |
| 94 | Triphenylamine Functionalized Unsymmetrical Quinoxalines. *Asian Journal of Organic Chemistry*, **2018**, 7, 1882-1892 | 3 | 5 |
| 93 | Efficient Non-polymeric Heterojunctions in Ternary Organic Solar Cells. *ACS Applied Energy Materials*, **2018**, 1, 4203-4210 | 6.1 | 5 |
| 92 | 1,8-Naphthalimide-Substituted BODIPY Dyads: Synthesis, Structure, Properties, and Live-Cell Imaging. *Chemistry - an Asian Journal*, **2018**, 13, 2881-2890 | 4.5 | 15 |
| 91 | C-Symmetric Positional Isomers of BODIPY Substituted Triazines: Synthesis and Excited State Properties. *Journal of Physical Chemistry A*, **2018**, 122, 4829-4837 | 2.8 | 6 |
| 90 | Strategy Toward Tuning Emission of Star-Shaped Tetraphenylethene-Substituted Truxenes for Sky-Blue and Greenish-White Organic Light-Emitting Diodes. *Journal of Physical Chemistry C*, **2018**, 122, 15614-15624 | 3.8 | 21 |
| 89 | Small Molecule Based Non-Fullerene Acceptors: A Comparative Study. *Chemical Record*, **2018**, 18, 1350-1364 | 6.6 | 12 |
| 88 | C 3-Symmetric star shaped donor–acceptor truxenes: synthesis and photophysical, electrochemical and computational studies. *New Journal of Chemistry*, **2018**, 42, 882-890 | 3.6 | 10 |
| 87 | Diketopyrrolopyrrole-Based and Tetracyano-Bridged Small Molecules for Bulk Heterojunction Organic Solar Cells. *Chemistry - an Asian Journal*, **2018**, 13, 220-229 | 4.5 | 40 |
| 86 | Design and Synthesis of N-Phenylcarbazole-Substituted Diketopyrrolopyrrole-Based Monomers and Dimers: A Comparative Study. *European Journal of Organic Chemistry*, **2018**, 2018, 6474-6481 | 3.2 | 2 |
| 85 | Spiro-linked organic small molecules as hole-transport materials for perovskite solar cells. *Journal of Materials Chemistry A*, **2018**, 6, 18750-18765 | 13 | 56 |
| 84 | Structure–property relationship in multi-stimuli responsive D-A-A? benzothiazole functionalized isomers. *Journal of Materials Chemistry C*, **2018**, 6, 10888-10901 | 7.1 | 52 |

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| 83 | Small molecule carbazole-based diketopyrrolopyrroles with tetracyanobutadiene acceptor unit as a non-fullerene acceptor for bulk heterojunction organic solar cells. *Journal of Materials Chemistry A*, **2017**, 5, 3311-3319 | 13 | 42 |
| 82 | Ferrocene-diketopyrrolopyrrole based small molecule donors for bulk heterojunction solar cells. *Physical Chemistry Chemical Physics*, **2017**, 19, 7262-7269 | 3.6 | 13 |
| 81 | Donor Substituted Pyrazabole Monomers and Dimers: Design, Synthesis and Properties. *ChemistrySelect*, **2017**, 2, 415-420 | 1.8 | 2 |
| 80 | (D-A)-D-A type ferrocenyl bisthiazole linked triphenylamine based molecular systems for DSSC: synthesis, experimental and theoretical performance studies. *Physical Chemistry Chemical Physics*, **2017**, 19, 8925-8933 | 3.6 | 34 |
| 79 | Ultrafast Charge-Separation in Triphenylamine-BODIPY-Derived Triads Carrying Centrally Positioned, Highly Electron-Deficient, Dicyanoquinodimethane or Tetracyanobutadiene Electron-Acceptors. *Chemistry - A European Journal*, **2017**, 23, 9192-9200 | 4.8 | 24 |
| 78 | Unsymmetrical and Symmetrical Push-Pull Phenothiazines. *Journal of Organic Chemistry*, **2017**, 82, 6840-6845 | 4.8 | 29 |
| 77 | Ferrocene-diketopyrrolopyrrole based non-fullerene acceptors for bulk heterojunction polymer solar cells. *Journal of Materials Chemistry A*, **2017**, 5, 13625-13633 | 13 | 34 |
| 76 | Mechanochromism and electroluminescence in positional isomers of tetraphenylethylene substituted phenanthroimidazoles. *Journal of Materials Chemistry C*, **2017**, 5, 6014-6020 | 7.1 | 56 |
| 75 | Cs-Symmetric Donor–Acceptor Bis(thiazole)s: Synthesis and Photophysical, Electrochemical, and Computational Studies. *Asian Journal of Organic Chemistry*, **2017**, 6, 1408-1414 | 3 | 2 |
| 74 | Tetracyanobutadiene bridged ferrocene and triphenylamine functionalized pyrazabole dimers. *Journal of Organometallic Chemistry*, **2017**, 840, 23-29 | 2.3 | 9 |
| 73 | Donor-Acceptor Triphenylvinyl and Tetraphenyl Conjugates: Synthesis, Aggregation and Computational Studies. *ChemistrySelect*, **2017**, 2, 10033-10037 | 1.8 | 6 |
| 72 | Near-infrared absorbing metal functionalized diketopyrrolopyrroles. *Journal of Organometallic Chemistry*, **2017**, 852, 48-53 | 2.3 | 5 |
| 71 | -Symmetric Triphenylamine-Linked Bisthiazole-Based Metal-Free Donor-Acceptor Organic Dye for Efficient ZnO Nanoparticles-Based Dye-Sensitized Solar Cells: Synthesis, Theoretical Studies, and Photovoltaic Properties. *ACS Omega*, **2017**, 2, 5981-5991 | 3.9 | 5 |
| 70 | NIR-Absorbing Donor-Acceptor Based 1,1,4,4-Tetracyanobuta-1,3-Diene (TCBD)- and Cyclohexa-2,5-Diene-1,4-Ylidene-Expanded TCBD-Substituted Ferrocenyl Phenothiazines. *Chemistry - an Asian Journal*, **2017**, 12, 2908-2915 | 4.5 | 10 |
| 69 | Synthesis, Structures, and Redox Properties of Tetracyano-Bridged Diferrocene Donor–Acceptor–Donor Systems. *Organometallics*, **2017**, 36, 4490-4498 | 3.8 | 8 |
| 68 | Donor–acceptor phenothiazine functionalized BODIPYs. *Dyes and Pigments*, **2017**, 146, 368-373 | 4.6 | 21 |
| 67 | Donor-acceptor-acceptor (D-A-A) type 1,8-naphthalimides as non-fullerene small molecule acceptors for bulk heterojunction solar cells. *Chemical Science*, **2017**, 8, 2017-2024 | 9.4 | 50 |
| 66 | T-Shaped donor–acceptor–donor type tetraphenylethylene substituted quinoxaline derivatives: aggregation-induced emission and mechanochromism. *New Journal of Chemistry*, **2017**, 41, 9346-9353 | 3.6 | 60 |

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| 65 | 2-(2,2-Bis-benzylamino-1-cyano-vinyl)-benzonitrile: A Selective Turn-off Fluorescent Cu2+ Sensor. *ChemistrySelect*, **2016**, 1, 2576-2580 | 1.8 | 3 |
| 64 | Small molecule based N-phenyl carbazole substituted diketopyrrolopyrroles as donors for solution-processed bulk heterojunction organic solar cells. *Physical Chemistry Chemical Physics*, **2016**, 18, 22999-3005 | 3.6 | 16 |
| 63 | Multi-Stimuli Responsive Donor–Acceptor Tetraphenylethylene Substituted Benzothiadiazoles. *Journal of Physical Chemistry C*, **2016**, 120, 24030-24040 | 3.8 | 71 |
| 62 | Ferrocenyl aza-dipyrromethene and aza-BODIPY: Synthesis and properties. *Journal of Organometallic Chemistry*, **2016**, 825-826, 8-14 | 2.3 | 13 |
| 61 | Design and Synthesis of Low HOMO–LUMO Gap N-Phenylcarbazole-Substituted Diketopyrrolopyrroles. *Asian Journal of Organic Chemistry*, **2016**, 5, 1008-1014 | 3 | 29 |
| 60 | D-A-D-π-D-A-D type diketopyrrolopyrrole based small molecule electron donors for bulk heterojunction organic solar cells. *Physical Chemistry Chemical Physics*, **2016**, 18, 16950-7 | 3.6 | 18 |
| 59 | Heteroatom-connected ferrocenyl substituted naphthalimides. *RSC Advances*, **2016**, 6, 7746-7754 | 3.7 | 11 |
| 58 | Tetracyanobutadiene functionalized ferrocenyl BODIPY dyes. *Dalton Transactions*, **2016**, 45, 1476-83 | 4.3 | 27 |
| 57 | 1,1,4,4-Tetracyanobuta-1,3-diene Substituted Diketopyrrolopyrroles: An Acceptor for Solution Processable Organic Bulk Heterojunction Solar Cells. *Journal of Physical Chemistry C*, **2016**, 120, 6324-6335 | 3.8 | 50 |
| 56 | Dicyanoquinodimethane-substituted benzothiadiazole for efficient small-molecule solar cells. *Physical Chemistry Chemical Physics*, **2016**, 18, 7235-41 | 3.6 | 17 |
| 55 | C2-Symmetric ferrocenyl bisthiazoles: synthesis, photophysical, electrochemical and DFT studies. *Dalton Transactions*, **2016**, 45, 4802-9 | 4.3 | 9 |
| 54 | Triarylborane substituted naphthalimide as a fluoride and cyanide ion sensor. *Dalton Transactions*, **2016**, 45, 2549-53 | 4.3 | 33 |
| 53 | Tuning of the HOMO–LUMO Gap of Symmetrical and Unsymmetrical Ferrocenyl-Substituted Diketopyrrolopyrroles. *European Journal of Organic Chemistry*, **2016**, 2016, 733-738 | 3.2 | 31 |
| 52 | A D-π-A1-π-A2 push-pull small molecule donor for solution processed bulk heterojunction organic solar cells. *Physical Chemistry Chemical Physics*, **2016**, 18, 13918-26 | 3.6 | 11 |
| 51 | Symmetrical and unsymmetrical triphenylamine based diketopyrrolopyrroles and their use as donors for solution processed bulk heterojunction organic solar cells. *RSC Advances*, **2016**, 6, 99685-99694 | 3.7 | 15 |
| 50 | Effect of End Groups on Mechanochromism and Electroluminescence in Tetraphenylethylene Substituted Phenanthroimidazoles. *Journal of Physical Chemistry C*, **2016**, 120, 18487-18495 | 3.8 | 69 |
| 49 | Non-doped blue organic light emitting devices based on tetraphenylethylene-π-midazole derivatives. *Organic Electronics*, **2016**, 37, 448-452 | 3.5 | 23 |
| 48 | Colorimetric and fluorimetric detection of fluoride and cyanide ions using tri and tetra coordinated boron containing chromophores. *Dalton Transactions*, **2015**, 44, 16052-60 | 4.3 | 38 |

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| 47 | Effect of the cyano group on solid state photophysical behavior of tetraphenylethene substituted benzothiadiazoles. *Journal of Materials Chemistry C*, **2015**, 3, 9063-9068 | 7.1 | 64 |
| 46 | Aggregation induced emission and mechanochromism in tetraphenylethene substituted pyrazabole. *RSC Advances*, **2015**, 5, 68187-68191 | 3.7 | 35 |
| 45 | Synergistic effect of donors on tetracyanobutadine (TCBD) substituted ferrocenyl pyrenes. *RSC Advances*, **2015**, 5, 57692-57699 | 3.7 | 23 |
| 44 | Meso Alkynylated Tetraphenylethylene (TPE) and 2,3,3-Triphenylacrylonitrile (TPAN) Substituted BODIPYs. *Journal of Organic Chemistry*, **2015**, 80, 8018-25 | 4.2 | 36 |
| 43 | Unsymmetrical Donor-Acceptor-Acceptor-Donor Type Benzothiadiazole-Based Small Molecule for a Solution Processed Bulk Heterojunction Organic Solar Cell. *ACS Applied Materials & Interfaces* , **2015**, 7, 10283-92 | 9.5 | 65 |
| 42 | Mechanochromism and aggregation induced emission in benzothiazole substituted tetraphenylethylenes: a structure function correlation. *RSC Advances*, **2015**, 5, 29878-29884 | 3.7 | 52 |
| 41 | Star shaped ferrocenyl substituted triphenylamines. *RSC Advances*, **2015**, 5, 71046-71051 | 3.7 | 8 |
| 40 | Aggregation induced emission and mechanochromism in pyrenoimidazoles. *Journal of Materials Chemistry C*, **2015**, 3, 9981-9988 | 7.1 | 77 |
| 39 | Substituted triarylborane appended porphyrins: photophysical properties and anion sensing. *RSC Advances*, **2015**, 5, 27069-27074 | 3.7 | 21 |
| 38 | Aryl-substituted symmetrical and unsymmetrical benzothiadiazoles. *RSC Advances*, **2015**, 5, 18288-18294 | 3.7 | 15 |
| 37 | Ferrocenyl thiazoles: synthesis and properties. *Tetrahedron Letters*, **2015**, 56, 1664-1666 | 2 | 16 |
| 36 | Ferrocenyl end capped molecular rods: synthesis, structure, and properties. *New Journal of Chemistry*, **2014**, 38, 1446 | 3.6 | 18 |
| 35 | Ferrocenyl pyrazaboles: design, synthesis, structure, and properties. *Dalton Transactions*, **2014**, 43, 2013-23 | 4.3 | 14 |
| 34 | Optical limiting and nonlinear optical studies of ferrocenyl substituted calixarenes. *Chemical Physics Letters*, **2014**, 616-617, 189-195 | 2.5 | 12 |
| 33 | Tuning the HOMO-LUMO gap of donor-substituted benzothiazoles. *Tetrahedron Letters*, **2014**, 55, 6827-6830 | 2 | 29 |
| 32 | Tetracyanoethylene substituted triphenylamine analogues. *Tetrahedron Letters*, **2014**, 55, 7102-7105 | 2 | 22 |
| 31 | Reversible mechanochromism in dipyridylamine-substituted unsymmetrical benzothiadiazoles. *RSC Advances*, **2014**, 4, 52526-52529 | 3.7 | 30 |
| 30 | Star shaped ferrocenyl truxenes: synthesis, structure and properties. *Dalton Transactions*, **2014**, 43, 6891-6 | 4.3 | 30 |

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| 29 | The quenching of fluorescence as an indicator of donor-strength in meso arylethynyl BODIPYs. *Dalton Transactions*, **2014**, 43, 4854-61 | 4.3 | 34 |
| 28 | Substituent dependent tunable fluorescence in thieno[3,2-c]pyrans. *RSC Advances*, **2014**, 4, 56779-56783 | 3.7 | 9 |
| 27 | Synthesis, optical and electrochemical properties of new ferrocenyl substituted triphenylamine based donor–acceptor dyes for dye sensitized solar cells. *RSC Advances*, **2014**, 4, 34904-34911 | 3.7 | 39 |
| 26 | Heteroatom-Connected Ferrocenyl BODIPYs: Synthesis, Structure, and Properties. *Organometallics*, **2014**, 33, 1867-1877 | 3.8 | 39 |
| 25 | meso-Aryloxy and meso-arylaza linked BODIPY dimers: synthesis, structures and properties. *New Journal of Chemistry*, **2014**, 38, 3579 | 3.6 | 30 |
| 24 | Reversible mechanochromism and enhanced AIE in tetraphenylethene substituted phenanthroimidazoles. *Chemical Communications*, **2014**, 50, 9076-8 | 5.8 | 192 |
| 23 | Carbazole-BODIPY conjugates: design, synthesis, structure and properties. *Dalton Transactions*, **2014**, 43, 13076-86 | 4.3 | 44 |
| 22 | Tuning of the HOMO-LUMO gap of donor-substituted symmetrical and unsymmetrical benzothiadiazoles. *Organic and Biomolecular Chemistry*, **2014**, 12, 5448-57 | 3.9 | 57 |
| 21 | Donor-acceptor meso-alkynylated ferrocenyl BODIPYs: synthesis, structure, and properties. *Dalton Transactions*, **2013**, 42, 13658-66 | 4.3 | 53 |
| 20 | Aryl pyrazaboles: a new class of tunable and highly fluorescent materials. *Dalton Transactions*, **2013**, 42, 16614-20 | 4.3 | 17 |
| 19 | C 3 symmetric ferrocenyl triazines: synthesis, structure, and properties. *RSC Advances*, **2013**, 3, 2889 | 3.7 | 21 |
| 18 | Design and synthesis of donor-acceptor pyrazabole derivatives for multiphoton absorption. *Dalton Transactions*, **2013**, 42, 4340-2 | 4.3 | 49 |
| 17 | -Substituted ferrocenyl porphyrins: synthesis, structure, and properties. *Dalton Transactions*, **2013**, 42, 5539-45 | 4.3 | 45 |
| 16 | Donor-acceptor, ferrocenyl substituted BODIPYs with marvelous supramolecular interactions. *Dalton Transactions*, **2013**, 42, 1512-8 | 4.3 | 60 |
| 15 | Donor-acceptor ferrocenyl-substituted benzothiadiazoles: synthesis, structure, and properties. *Journal of Organic Chemistry*, **2013**, 78, 4940-8 | 4.2 | 46 |
| 14 | Ferrocenyl substituted calixarenes: synthesis, structure and properties. *RSC Advances*, **2013**, 3, 5785 | 3.7 | 21 |
| 13 | Aryl-substituted unsymmetrical benzothiadiazoles: synthesis, structure, and properties. *Journal of Organic Chemistry*, **2013**, 78, 12440-52 | 4.2 | 56 |
| 12 | Optical limiting performance of meso-tetraferrocenyl porphyrin and its metal derivatives. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 239, 24-27 | 4.7 | 57 |

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| 11 | Donor–acceptor perylenediimide–ferrocene conjugates: synthesis, photophysical, and electrochemical properties. *Tetrahedron Letters*, **2012**, 53, 2352-2354 | 2 | 55 |
| 10 | Ferrocenyl BODIPYs: synthesis, structure and properties. *RSC Advances*, **2012**, 2, 12105 | 3.7 | 55 |
| 9 | Structural diversity in expanded porphyrins. *Accounts of Chemical Research*, **2008**, 41, 265-79 | 24.3 | 201 |
| 8 | 26pi aromatic core-modified hexaphyrins: syntheses, characterization, and structural diversities. *Journal of Organic Chemistry*, **2007**, 72, 1153-60 | 4.2 | 20 |
| 7 | One-Pot Synthesis of Core-Modified Rubyrin, Octaphyrin, and Dodecaphyrin: Characterization and Nonlinear Optical Properties. *European Journal of Organic Chemistry*, **2007**, 2007, 4552-4562 | 3.2 | 22 |
| 6 | Meso-meso linked core modified 22pi smaragdyrins with unusual absorption properties. *Chemical Communications*, **2006**, 4584-6 | 5.8 | 21 |
| 5 | 22pi smaragdyrin molecular conjugates with aromatic phenylacetylenes and ferrocenes: Syntheses, electrochemical, and photonic properties. *Journal of the American Chemical Society*, **2006**, 128, 16083-91 | 16.4 | 72 |
| 4 | Supramolecular Assemblies of Sulfur- and Selenium- Containing Expanded Porphyrins Mediated Through Noncovalent Interactions. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 845-872 | 1 | 3 |
| 3 | Core-modified octaphyrins: Syntheses and anion-binding properties. *Journal of Chemical Sciences*, **2005**, 117, 99-103 | 1.8 | 4 |
| 2 | Does Location of BF2-Chelated Dipyrromethene (BODIPY) Ring Functionalization Affect Spectral and Electron Transfer Properties? Studies on □,□ and Meso-Functionalized BODIPY-Derived Donor–Acceptor Dyads and Triads. *Journal of Physical Chemistry C*, | 3.8 | 3 |
| 1 | Recent development on the synthesis, properties and applications of luminescent oxidized phenothiazine derivatives. *Journal of Materials Chemistry C*, | 7.1 | 4 |