# Andrew Monkman

List of Publications by Year
in descending order



| 474 | 24,377 | 6592 | 12233 |
|---|---|---|---|
| papers | citations | 79 h-index | 133 g-index |

| 485 | 485 | 485 | 14977 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Advances in White Organic Lightâ€Emitting Materials and Devices (WOLEDs). Advanced Materials, 2010, 22, 572-582. | 11.1 | 1,017 |
| 2 | Triplet Harvesting with 100% Efficiency by Way of Thermally Activated Delayed Fluorescence in Charge Transfer OLED Emitters. Advanced Materials, 2013, 25, 3707-3714. | 11.1 | 861 |
| 3 | Revealing the spinâ€“vibronic coupling mechanism of thermally activated delayed fluorescence. Nature Communications, 2016, 7, 13680. | 5.8 | 694 |
| 4 | The Importance of Vibronic Coupling for Efficient Reverse Intersystem Crossing in Thermally Activated Delayed Fluorescence Molecules. ChemPhysChem, 2016, 17, 2956-2961. | 1.0 | 558 |
| 5 | Carbazole Compounds as Host Materials for Triplet Emitters in Organic Light-Emitting Diodes:Â Polymer Hosts for High-Efficiency Light-Emitting Diodes. Journal of the American Chemical Society, 2004, 126, 7718-7727. | 6.6 | 416 |
| 6 | The Role of Local Triplet Excited States and Dâ€A Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. Advanced Science, 2016, 3, 1600080. | 5.6 | 403 |
| 7 | Photophysics of thermally activated delayed fluorescence molecules. Methods and Applications in Fluorescence, 2017, 5, 012001. | 1.1 | 394 |
| 8 | Thermally activated delayed fluorescent phenothiazineâ€“dibenzo[a,j]phenazineâ€“phenothiazine triads exhibiting tricolor-changing mechanochromic luminescence. Chemical Science, 2017, 8, 2677-2686. | 3.7 | 356 |
| 9 | Dibenzo[a,j]phenazineâ€Cored Donorâ€“Acceptorâ€“Donor Compounds as Greenâ€toâ€Red/NIR Thermally Activated Delayed Fluorescence Organic Light Emitters. Angewandte Chemie - International Edition, 2016, 55, 5739-5744. | 7.2 | 303 |
| 10 | Absolute Measurements of Photoluminescence Quantum Yields of Solutions Using an Integrating Sphere. Journal of Fluorescence, 2006, 16, 267-273. | 1.3 | 285 |
| 11 | Deep Blue Exciplex Organic Lightâ€Emitting Diodes with Enhanced Efficiency; Pâ€type or Eâ€type Triplet Conversion to Singlet Excitons?. Advanced Materials, 2013, 25, 1455-1459. | 11.1 | 276 |
| 12 | Polyaniline thin films for gas sensing. Sensors and Actuators B: Chemical, 1995, 28, 173-179. | 4.0 | 273 |
| 13 | Highly Efficient TADF OLEDs: How the Emitterâ€“Host Interaction Controls Both the Excited State Species and Electrical Properties of the Devices to Achieve Near 100% Triplet Harvesting and High Efficiency. Advanced Functional Materials, 2014, 24, 6178-6186. | 7.8 | 273 |
| 14 | Measurements of Solid-State Photoluminescence Quantum Yields of Films Using a Fluorimeter. Advanced Materials, 2002, 14, 757. | 11.1 | 271 |
| 15 | Ultrahigh Efficiency Fluorescent Single and Biâ€Layer Organic Light Emitting Diodes: The Key Role of Triplet Fusion. Advanced Functional Materials, 2013, 23, 739-746. | 7.8 | 261 |
| 16 | Triplet Energies ofÏ€-Conjugated Polymers. Physical Review Letters, 2001, 86, 1358-1361. | 2.9 | 257 |
| 17 | Vibrational Analysis of Polyaniline:â€‰ A Model Compound Approach. Journal of Physical Chemistry B, 1998, 102, 7382-7392. | 1.2 | 254 |
| 18 | The theory of thermally activated delayed fluorescence for organic light emitting diodes. Chemical Communications, 2018, 54, 3926-3935. | 2.2 | 239 |

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| 19 | Rational Design of TADF Polymers Using a Donorâ€“Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. Advanced Optical Materials, 2016, 4, 597-607. | 3.6 | 235 |
| 20 | Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. Nature Communications, 2017, 8, 14987. | 5.8 | 235 |
| 21 | Using Guestâ€“Host Interactions To Optimize the Efficiency of TADF OLEDs. Journal of Physical Chemistry Letters, 2016, 7, 3341-3346. | 2.1 | 227 |
| 22 | The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donorâ€“acceptor charge-transfer molecules. Chemical Communications, 2016, 52, 2612-2615. | 2.2 | 217 |
| 23 | Low temperature synthesis of high molecular weight polyaniline. Polymer, 1996, 37, 3411-3417. | 1.8 | 181 |
| 24 | Engineering the singletâ€“triplet energy splitting in a TADF molecule. Journal of Materials Chemistry C, 2016, 4, 3815-3824. | 2.7 | 175 |
| 25 | Electrical and mechanical properties of polyaniline fibres produced by a one-step wet spinning process. Polymer, 2000, 41, 2265-2269. | 1.8 | 151 |
| 26 | Violation of the Exponential-Decay Law at Long Times. Physical Review Letters, 2006, 96, 163601. | 2.9 | 150 |
| 27 | Roomâ€Temperature Phosphorescence From Films of Isolated Waterâ€Soluble Conjugated Polymers in Hydrogenâ€Bonded Matrices. Advanced Functional Materials, 2012, 22, 3824-3832. | 7.8 | 149 |
| 28 | Triplet exciton migration in a conjugated polyfluorene. Physical Review B, 2003, 68, . | 1.1 | 148 |
| 29 | Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. Macromolecules, 2016, 49, 5452-5460. | 2.2 | 145 |
| 30 | Triazatruxene: A Rigid Central Donor Unit for a Dâ€“A<sub>3</sub> Thermally Activated Delayed Fluorescence Material Exhibiting Subâ€Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singletâ€“Triplet State Pairs. Advanced Science, 2018, 5, 1700989. | 5.6 | 145 |
| 31 | Spectroscopic and electrochemical studies of charge transfer in modified electrodes. Faraday Discussions of the Chemical Society, 1989, 88, 247. | 2.2 | 143 |
| 32 | Excited-State Aromatic Interactions in the Aggregation-Induced Emission of Molecular Rotors. Journal of the American Chemical Society, 2017, 139, 17882-17889. | 6.6 | 141 |
| 33 | Protonation and Subsequent Intramolecular Hydrogen Bonding as a Method to Control Chain Structure and Tune Luminescence in Heteroatomic Conjugated Polymers. Journal of the American Chemical Society, 2002, 124, 6049-6055. | 6.6 | 137 |
| 34 | Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells: Reduction of Concentration Quenching. Advanced Functional Materials, 2009, 19, 2038-2044. | 7.8 | 136 |
| 35 | Photophysical Investigation of the Thermally Activated Delayed Emission from Films of mâ€MTDATA:PBD Exciplex. Advanced Functional Materials, 2014, 24, 2343-2351. | 7.8 | 136 |
| 36 | White polymeric light-emitting diode based on a fluorene polymerâ^•Ir complex blend system. Applied Physics Letters, 2005, 86, 121101. | 1.5 | 134 |

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| 37 | Density functional studies of aniline and substituted anilines. Computational and Theoretical Chemistry, 1999, 468, 209-221. | 1.5 | 130 |
| 38 | Intramolecular Charge Transfer Assisted by Conformational Changes in the Excited State of Fluorene-dibenzothiophene-S,S-dioxide Co-oligomers. Journal of Physical Chemistry B, 2006, 110, 19329-19339. | 1.2 | 130 |
| 39 | The Î²-Phase of Poly(9,9-dioctylfluorene) as a Potential System for Electrically Pumped Organic Lasing. Advanced Materials, 2006, 18, 2137-2140. | 11.1 | 129 |
| 40 | Methods for Controlling Structure and Photophysical Properties in Polyfluorene Solutions and Gels. Advanced Materials, 2013, 25, 1090-1108. | 11.1 | 125 |
| 41 | Deep-Blue High-Efficiency TTA OLED Using Para- and Meta-Conjugated Cyanotriphenylbenzene and Carbazole Derivatives as Emitter and Host. Journal of Physical Chemistry Letters, 2017, 8, 6199-6205. | 2.1 | 125 |
| 42 | Synthesis of high molecular weight polyaniline at low temperatures. Synthetic Metals, 1996, 76, 157-160. | 2.1 | 123 |
| 43 | Kinetics and Thermodynamics of Poly(9,9-dioctylfluorene)Î²-Phase Formation in Dilute Solution. Macromolecules, 2006, 39, 5854-5864. | 2.2 | 122 |
| 44 | S1â¼>T1 intersystem crossing in Ï€-conjugated organic polymers. Journal of Chemical Physics, 2001, 115, 9601-9606. | 1.2 | 117 |
| 45 | The Influence of Alkylâ€Chain Length on Betaâ€Phase Formation in Polyfluorenes. Advanced Functional Materials, 2009, 19, 67-73. | 7.8 | 117 |
| 46 | Measurement of the Anisotropic Refractive Indices of Spin Cast Thin Poly(2-methoxy-5-(2â€²-ethyl-hexyloxy)-p-phenylenevinylene) (MEH-PPV) Films. Advanced Materials, 2002, 14, 210-212. | 11.1 | 116 |
| 47 | Optical and electronic properties of stretch-oriented solution-cast polyaniline films. Synthetic Metals, 1991, 40, 87-96. | 2.1 | 114 |
| 48 | Tuning the Intramolecular Charge Transfer Emission from Deep Blue to Green in Ambipolar Systems Based on Dibenzothiophene S,S-Dioxide by Manipulation of Conjugation and Strength of the Electron Donor Units. Journal of Organic Chemistry, 2010, 75, 6771-6781. | 1.7 | 114 |
| 49 | Towards General Guidelines for Aligned, Nanoscale Assemblies of Hairy-Rod Polyfluorene. Advanced Functional Materials, 2006, 16, 599-609. | 7.8 | 110 |
| 50 | Tris-Cyclometalated Iridium(III) Complexes of Carbazole(fluorenyl)pyridine Ligands: Synthesis, Redox and Photophysical Properties, and Electrophosphorescent Light-Emitting Diodes. Chemistry - A European Journal, 2007, 13, 1423-1431. | 1.7 | 109 |
| 51 | Exploiting a Dualâ€Fluorescence Process in Fluoreneâ€“Dibenzothiopheneâ€S,Sâ€dioxideCoâ€Polymers to Give Efficient Single Polymer LEDs with Broadened Emission. Advanced Functional Materials, 2009, 19, 586-591. | 7.8 | 108 |
| 52 | Cyclometalated Ir(III) Complexes for High-Efficiency Solution-Processable Blue PhOLEDs. Chemistry of Materials, 2013, 25, 2352-2358. | 3.2 | 108 |
| 53 | Characterization of the Triplet State of Tris(8-hydroxyquinoline)aluminium(III) in Benzene Solution. Journal of the American Chemical Society, 2003, 125, 15310-15311. | 6.6 | 107 |
| 54 | Why Do We Still Need a Stable Long Lifetime Deep Blue OLED Emitter?. ACS Applied Materials & Interfaces, 2022, 14, 20463-20467. | 4.0 | 107 |

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| 55 | Cationic Bisâ€cyclometallated Iridium(<scp>III)</scp> Phenanthroline Complexes with Pendant Fluorenyl Substituents: Synthesis, Redox, Photophysical Properties and Lightâ€Emitting Cells. Chemistry - A European Journal, 2008, 14, 933-943. | 1.7 | 105 |
| 56 | Energy Upconversion via Triplet Fusion in Super Yellow PPV Films Doped with Palladium Tetraphenyltetrabenzoporphyrin: a Comprehensive Investigation of Exciton Dynamics. Advanced Functional Materials, 2013, 23, 384-393. | 7.8 | 104 |
| 57 | Conductivity studies of polyaniline doped with CSA. Journal of Physics Condensed Matter, 1996, 8, 2991-3002. | 0.7 | 103 |
| 58 | An optical gas sensor based on polyaniline Langmuir-Blodgett films. Sensors and Actuators B: Chemical, 1997, 41, 137-141. | 4.0 | 101 |
| 59 | Vapour recognition using organic films and artificial neural networks. Sensors and Actuators B: Chemical, 1994, 17, 143-147. | 4.0 | 100 |
| 60 | Chemical and conformational control of the energy gaps involved in the thermally activated delayed fluorescence mechanism. Journal of Materials Chemistry C, 2018, 6, 4842-4853. | 2.7 | 100 |
| 61 | Nanoscale Conducting Cylinders Based on Self-Organization of Hydrogen-Bonded Polyaniline Supramolecules. Macromolecules, 2000, 33, 8671-8675. | 2.2 | 97 |
| 62 | Molecular Design Strategies for Color Tuning of Blue TADF Emitters. ACS Applied Materials & Interfaces, 2019, 11, 27125-27133. | 4.0 | 97 |
| 63 | Colour tuning from green to red by substituent effects in phosphorescent tris-cyclometalated iridium(iii) complexes of carbazole-based ligands: synthetic, photophysical, computational and high efficiency OLED studies. Journal of Materials Chemistry, 2012, 22, 6419. | 6.7 | 96 |
| 64 | Triplet state dynamics on isolated conjugated polymer chains. Chemical Physics, 2002, 285, 3-11. | 0.9 | 95 |
| 65 | Investigation of the Mechanisms Giving Rise to TADF in Exciplex States. Journal of Physical Chemistry C, 2016, 120, 18259-18267. | 1.5 | 95 |
| 66 | Measurement of the S0â€“T1 energy gap in poly(2-methoxy,5-(2â€²-ethyl-hexoxy)â€“p-phenylenevinylene) by tripletâ€“triplet energy transfer. Chemical Physics Letters, 1999, 307, 303-309. | 1.2 | 94 |
| 67 | Hot Vibrational States in a High-Performance Multiple Resonance Emitter and the Effect of Excimer Quenching on Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2021, 13, 8643-8655. | 4.0 | 94 |
| 68 | Mechanical modeling of flexible OLED devices. Organic Electronics, 2009, 10, 1268-1274. | 1.4 | 93 |
| 69 | Photophysics of thiophene based polymers in solution: The role of nonradiative decay processes. Journal of Chemical Physics, 2003, 118, 1550-1556. | 1.2 | 90 |
| 70 | Influence of Solvent Quality on the Self-Organization of Archetypical Hairy Rodsâ^'Branched and Linear Side Chain Polyfluorenes: Rodlike Chains versus â€œBeta-Sheetsâ€•in Solution. Macromolecules, 2006, 39, 6505-6512. | 2.2 | 90 |
| 71 | Cation Recognition by Self-Assembled Layers of Novel Crown-Annelated Tetrathiafulvalenes. Advanced Materials, 1998, 10, 395-398. | 11.1 | 87 |
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| 73 | Influence of Side Chain Length on the Self-Assembly of Hairy-Rod Poly(9,9-dialkylfluorene)s in the Poor Solvent Methylcyclohexane. Macromolecules, 2007, 40, 9398-9405. | 2.2 | 87 |
| 74 | Tuning the Optoelectronic Properties of Pyridine-Containing Polymers for Light-Emitting Devices. Advanced Materials, 2000, 12, 217-222. | 11.1 | 84 |
| 75 | Less Is More: Dilution Enhances Optical and Electrical Performance of a TADF Exciplex. Journal of Physical Chemistry Letters, 2019, 10, 793-798. | 2.1 | 84 |
| 76 | X-ray photoelectron spectroscopic investigations of the chain structure anddoping mechanisms in polyaniline. Journal Physics D: Applied Physics, 1991, 24, 738-749. | 1.3 | 83 |
| 77 | Effect of Surfactant on Water-Soluble Conjugated Polymer Used in Biosensor. Journal of Physical Chemistry B, 2007, 111, 12418-12426. | 1.2 | 83 |
| 78 | Is Poly(vinylcarbazole) a Good Host for Blue Phosphorescent Dopants in PLEDs? Dimer Formation and Their Effects on the Triplet Energy Level of Poly(<i>Nâ€<</i>vinylcarbazole) and Poly(<i>N</i>â€Ethylâ€2â€Vinylcarbazole). Advanced Functional Materials, 2011, 21, 3350-3356. | 7.8 | 83 |
| 79 | Exciplex Enhancement as a Tool to Increase OLED Device Efficiency. Journal of Physical Chemistry C, 2016, 120, 2070-2078. | 1.5 | 81 |
| 80 | Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. Journal of Physical Chemistry C, 2019, 123, 11109-11117. | 1.5 | 79 |
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| 85 | Dihedral Angle Control of Blue Thermally Activated Delayed Fluorescent Emitters through Donor Substitution Position for Efficient Reverse Intersystem Crossing. ACS Applied Materials & Interfaces, 2018, 10, 35420-35429. | 4.0 | 74 |
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| 87 | The contribution of tripletâ€“triplet annihilation to the lifetime and efficiency of fluorescent polymer organic light emitting diodes. Journal of Applied Physics, 2011, 109, . | 1.1 | 73 |
| 88 | A comparative study of polyaniline films using thermal analyses and IR spectroscopy. Journal Physics D: Applied Physics, 1993, 26, 1468-1474. | 1.3 | 71 |
| 89 | Dibenzo[a,j]phenazineâ€Cored Donorâ€“Acceptorâ€“Donor Compounds as Greenâ€toâ€Red/NIR Thermally Activated Delayed Fluorescence Organic Light Emitters. Angewandte Chemie, 2016, 128, 5833-5838. | 1.6 | 70 |
| 90 | Anisotropic Polaron Motion in Polyaniline Studied by Muon Spin Relaxation. Physical Review Letters, 1997, 79, 2855-2858. | 2.9 | 69 |

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| 91 | Interplay of Electrostatic and Hydrophobic Effects with Binding of Cationic Gemini Surfactants and a Conjugated Polyanion:Â Experimental and Molecular Modeling Studies. Journal of Physical Chemistry B, 2007, 111, 4401-4410. | 1.2 | 68 |
| 92 | A comparison of the molecular weights of polyaniline samples obtained from gel permeation chromatography and solid state 15N n.m.r. spectroscopy. Polymer, 1993, 34, 328-332. | 1.8 | 67 |
| 93 | Dipolar Stabilization of Emissive Singlet Charge Transfer Excited States in Polyfluorene Copolymers. Journal of Physical Chemistry B, 2008, 112, 6557-6566. | 1.2 | 67 |
| 94 | Electric Field Induce Blue Shift and Intensity Enhancement in 2D Exciplex Organic Light Emitting Diodes; Controlling Electronâ€“Hole Separation. Advanced Materials, 2016, 28, 8014-8020. | 11.1 | 67 |
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| 96 | Highly Efficient, Solutionâ€Processed, Singleâ€Layer, Electrophosphorescent Diodes and the Effect of Molecular Dipole Moment. Advanced Functional Materials, 2011, 21, 2376-2382. | 7.8 | 66 |
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| 98 | Fast and Slow Time Regimes of Fluorescence Quenching in Conjugated Polyfluoreneâ^'Fluorenone Random Copolymers:Â The Role of Exciton Hopping and Dexter Transfer along the Polymer Backbone. Macromolecules, 2006, 39, 1598-1606. | 2.2 | 65 |
| 99 | Bimetallic Cyclometalated Iridium(III) Diastereomers with Nonâ€Innocent Bridging Ligands for Highâ€Efficiency Phosphorescent OLEDs. Angewandte Chemie - International Edition, 2014, 53, 11616-11619. | 7.2 | 65 |
| 100 | High efficiency OLEDs based on anthracene derivatives: The impact of electron donating and withdrawing group on the performance of OLED. Organic Electronics, 2016, 30, 149-157. | 1.4 | 65 |
| 101 | Direct Measurement of the Singlet Generation Yield in Polymer Light-Emitting Diodes. Physical Review Letters, 2006, 97, 076602. | 2.9 | 64 |
| 102 | Synthesis and Spectroscopy of Poly(9,9-dioctylfluorene-2,7-diyl-co-2,8-dihexyldibenzothiophene-S,S-dioxide-3,7-diyl)s: Solution-Processable, Deep-Blue Emitters with a High Triplet Energy. Macromolecules, 2010, 43, 4481-4488. | 2.2 | 64 |
| 103 | Bipolar Molecules with High Triplet Energies: Synthesis, Photophysical, and Structural Properties. Journal of Organic Chemistry, 2011, 76, 8300-8310. | 1.7 | 63 |
| 104 | New pyrimidine- and fluorene-containing oligo(arylene)s: synthesis, crystal structures, optoelectronic properties and a theoretical study. Organic and Biomolecular Chemistry, 2003, 1, 3069-3077. | 1.5 | 62 |
| 105 | The Use of Substituted Iridium Complexes in Doped Polymer Electrophosphorescent Devices: The Influence of Triplet Transfer and Other Factors on Enhancing Device Performance. Advanced Functional Materials, 2006, 16, 1043-1050. | 7.8 | 62 |
| 106 | Inherently Electrically Conductive Fibers Wet Spun from a Sulfonic Acid-Doped Polyaniline Solution. Advanced Materials, 1998, 10, 1351-1353. | 11.1 | 61 |
| 107 | Energy transfer to porphyrin derivative dopants in polymer light-emitting diodes. Journal of Applied Physics, 2002, 91, 99. | 1.1 | 61 |
| 108 | Bridged diiridium complexes for electrophosphorescent OLEDs: synthesis, X-ray crystal structures, photophysics, and devices. Journal of Materials Chemistry, 2006, 16, 1046. | 6.7 | 61 |

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| 111 | The effect of conjugation length on triplet energies, electron delocalization and electronâ€“electron correlation in soluble polythiophenes. Journal of Chemical Physics, 2001, 115, 9046-9049. | 1.2 | 59 |
| 112 | Polymeric Alkoxy PBD [2-(4-Biphenylyl)-5-Phenyl-1,3,4-Oxadiazole] for Light-Emitting Diodes. Advanced Functional Materials, 2001, 11, 47-50. | 7.8 | 58 |
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| 114 | Solubilization of Polyelectrolytic Hairy-Rod Polyfluorene in Aqueous Solutions of Nonionic Surfactant. Journal of Physical Chemistry B, 2006, 110, 10248-10257. | 1.2 | 57 |
| 115 | Solution-state carbon-13 nuclear magnetic resonance studies of polyaniline. Polymer, 1992, 33, 4292-4298. | 1.8 | 56 |
| 116 | Photophysics of TADF Guestâ€“Host Systems: Introducing the Idea of Hosting Potential. ACS Applied Electronic Materials, 2020, 2, 2868-2881. | 2.0 | 56 |
| 117 | The role of exciton diffusion in energy transfer between polyfluorene and tetraphenyl porphyrin. Physical Review B, 2005, 71, . | 1.1 | 55 |
| 118 | Influence of molecular weight on the phase behavior and structure formation of branched side-chain hairy-rod polyfluorene in bulk phase. Physical Review E, 2005, 71, 041802. | 0.8 | 55 |
| 119 | Intramolecular Dimerization Quenching of Delayed Emission in Asymmetric Dâ€“Dâ€²â€“A TADF Emitters. Journal of Physical Chemistry C, 2019, 123, 12400-12410. | 1.5 | 55 |
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| 125 | Competition between polaron pair formation and singlet fission observed in amorphous rubrene films. Physical Review B, 2013, 87, . | 1.1 | 52 |
| 126 | Photophysics of an Asymmetric Donorâ€“Acceptorâ€“Donorâ€² TADF Molecule and Reinterpretation of Aggregation-Induced TADF Emission in These Materials. Journal of Physical Chemistry C, 2017, 121, 17764-17772. | 1.5 | 52 |

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| 132 | Triplet exciton state and related phenomena in the Î²-phase of poly(9,9-dioctyl)fluorene. Physical Review B, 2004, 70, . | 1.1 | 49 |
| 133 | Efficient Intramolecular Charge Transfer in Oligoyneâ€Linked Donorâ€"Ïâ€"Acceptor Molecules. Chemistry - A European Journal, 2010, 16, 1470-1479. | 1.7 | 49 |
| 134 | The effect of a heavy atom on the radiative pathways of an emitter with dual conformation, thermally-activated delayed fluorescence and room temperature phosphorescence. Journal of Materials Chemistry C, 2019, 7, 10481-10490. | 2.7 | 49 |
| 135 | The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. Chemical Communications, 2010, 46, 4812. | 2.2 | 48 |
| 136 | Effects of Ortho-Phenyl Substitution on the rISC Rate of Dâ€"A Type TADF Molecules. Journal of Physical Chemistry C, 2018, 122, 7627-7634. | 1.5 | 48 |
| 137 | Diindolocarbazole â€" achieving multiresonant thermally activated delayed fluorescence without the need for acceptor units. Materials Horizons, 2022, 9, 1068-1080. | 6.4 | 48 |
| 138 | The Influence of the Molecular Weight on the Thermotropic Alignment and Self-Organized Structure Formation of Branched Side Chain Hairy-Rod Polyfluorene in Thin Films. Macromolecules, 2005, 38, 2744-2753. | 2.2 | 47 |
| 139 | Tripletâ€"Triplet Annihilation in 9,10-Diphenylanthracene Derivatives: The Role of Intersystem Crossing and Exciton Diffusion. Journal of Physical Chemistry C, 2017, 121, 8515-8524. | 1.5 | 47 |
| 140 | Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. Chemistry of Materials, 2021, 33, 3066-3080. | 3.2 | 47 |
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| 144 | Observed anisotropies in stretch oriented polyaniline. Synthetic Metals, 1991, 41, 627-633. | 2.1 | 45 |

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