

# Andrew Monkman

## List of Publications by Citations

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454  
papers

20,397  
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72  
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484  
ext. papers

22,311  
ext. citations

5.7  
avg, IF

7.05  
L-index

#	Paper	IF	Citations
454	Recent advances in white organic light-emitting materials and devices (WOLEDs). <i>Advanced Materials</i> , <b>2010</b> , 22, 572-82	24	927
453	Triplet harvesting with 100% efficiency by way of thermally activated delayed fluorescence in charge transfer OLED emitters. <i>Advanced Materials</i> , <b>2013</b> , 25, 3707-14	24	714
452	Revealing the spin-vibronic coupling mechanism of thermally activated delayed fluorescence. <i>Nature Communications</i> , <b>2016</b> , 7, 13680	17.4	468
451	The Importance of Vibronic Coupling for Efficient Reverse Intersystem Crossing in Thermally Activated Delayed Fluorescence Molecules. <i>ChemPhysChem</i> , <b>2016</b> , 17, 2956-2961	3.2	404
450	Carbazole compounds as host materials for triplet emitters in organic light-emitting diodes: polymer hosts for high-efficiency light-emitting diodes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7718-27	16.4	382
449	The Role of Local Triplet Excited States and D-A Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. <i>Advanced Science</i> , <b>2016</b> , 3, 1600080	13.6	304
448	Photophysics of thermally activated delayed fluorescence molecules. <i>Methods and Applications in Fluorescence</i> , <b>2017</b> , 5, 012001	3.1	265
447	Thermally activated delayed fluorescent phenothiazine-dibenzo[,]phenazine-phenothiazine triads exhibiting tricolor-changing mechanochromic luminescence. <i>Chemical Science</i> , <b>2017</b> , 8, 2677-2686	9.4	245
446	Triplet energies of pi-conjugated polymers. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1358-61	7.4	238
445	Absolute measurements of photoluminescence quantum yields of solutions using an integrating sphere. <i>Journal of Fluorescence</i> , <b>2006</b> , 16, 267-72	2.4	234
444	Highly Efficient TADF OLEDs: How the Emitter-Host Interaction Controls Both the Excited State Species and Electrical Properties of the Devices to Achieve Near 100% Triplet Harvesting and High Efficiency. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 6178-6186	15.6	232
443	Polyaniline thin films for gas sensing. <i>Sensors and Actuators B: Chemical</i> , <b>1995</b> , 28, 173-179	8.5	227
442	Dibenzo[a,j]phenazine-Cored Donor-Acceptor-Donor Compounds as Green-to-Red/NIR Thermally Activated Delayed Fluorescence Organic Light Emitters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 5739-44	16.4	224
441	Vibrational Analysis of Polyaniline: A Model Compound Approach. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 7382-7392	3.4	219
440	Ultrahigh Efficiency Fluorescent Single and Bi-Layer Organic Light Emitting Diodes: The Key Role of Triplet Fusion. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 739-746	15.6	216
439	Deep blue exciplex organic light-emitting diodes with enhanced efficiency; P-type or E-type triplet conversion to singlet excitons?. <i>Advanced Materials</i> , <b>2013</b> , 25, 1455-9	24	215
438	Rational Design of TADF Polymers Using a Donor-Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 597-607	8.1	185

437	Using Guest-Host Interactions To Optimize the Efficiency of TADF OLEDs. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3341-6	6.4	181
436	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. <i>Nature Communications</i> , <b>2017</b> , 8, 14987	17.4	179
435	The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donor-acceptor charge-transfer molecules. <i>Chemical Communications</i> , <b>2016</b> , 52, 2612-5	5.8	171
434	Low temperature synthesis of high molecular weight polyaniline. <i>Polymer</i> , <b>1996</b> , 37, 3411-3417	3.9	165
433	The theory of thermally activated delayed fluorescence for organic light emitting diodes. <i>Chemical Communications</i> , <b>2018</b> , 54, 3926-3935	5.8	159
432	Engineering the singlet-triplet energy splitting in a TADF molecule. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 3815-3824	7.1	143
431	Triplet exciton migration in a conjugated polyfluorene. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	139
430	Electrical and mechanical properties of polyaniline fibres produced by a one-step wet spinning process. <i>Polymer</i> , <b>2000</b> , 41, 2265-2269	3.9	131
429	Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells: Reduction of Concentration Quenching. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 2038-2044	15.6	130
428	White polymeric light-emitting diode based on a fluorene polymer- $\pi$ complex blend system. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 121101	3.4	127
427	Protonation and subsequent intramolecular hydrogen bonding as a method to control chain structure and tune luminescence in heteroatomic conjugated polymers. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 6049-55	16.4	126
426	Violation of the exponential-decay law at long times. <i>Physical Review Letters</i> , <b>2006</b> , 96, 163601	7.4	125
425	The $\pi$ Phase of Poly(9,9-dioctylfluorene) as a Potential System for Electrically Pumped Organic Lasing. <i>Advanced Materials</i> , <b>2006</b> , 18, 2137-2140	24	124
424	Intramolecular charge transfer assisted by conformational changes in the excited state of fluorene-dibenzothiophene-S,S-dioxide co-oligomers. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 19329-394	3.4	121
423	Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Macromolecules</i> , <b>2016</b> , 49, 5452-5460	5.5	118
422	Density functional studies of aniline and substituted anilines. <i>Computational and Theoretical Chemistry</i> , <b>1999</b> , 468, 209-221		116
421	Photophysical Investigation of the Thermally Activated Delayed Emission from Films of m-MTDATA:PBD Exciplex. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2343-2351	15.6	115
420	Room-Temperature Phosphorescence From Films of Isolated Water-Soluble Conjugated Polymers in Hydrogen-Bonded Matrices. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 3824-3832	15.6	115

419	Synthesis of high molecular weight polyaniline at low temperatures. <i>Synthetic Metals</i> , <b>1996</b> , 76, 157-160	3.6	114
418	Kinetics and Thermodynamics of Poly(9,9-dioctylfluorene) $\beta$ Phase Formation in Dilute Solution. <i>Macromolecules</i> , <b>2006</b> , 39, 5854-5864	5.5	113
417	Measurement of the Anisotropic Refractive Indices of Spin Cast Thin Poly(2-methoxy-5-(2-ethyl-hexyloxy)-p-phenylenevinylene) (MEHPPV) Films. <i>Advanced Materials</i> , <b>2002</b> , 14, 210-212	24	112
416	S <sub>1</sub> →T <sub>1</sub> intersystem crossing in $\pi$ conjugated organic polymers. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9601-9606	3.9	111
415	Spectroscopic and electrochemical studies of charge transfer in modified electrodes. <i>Faraday Discussions of the Chemical Society</i> , <b>1989</b> , 88, 247		109
414	Methods for controlling structure and photophysical properties in polyfluorene solutions and gels. <i>Advanced Materials</i> , <b>2013</b> , 25, 1090-108	24	106
413	Towards General Guidelines for Aligned, Nanoscale Assemblies of Hairy-Rod Polyfluorene. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 599-609	15.6	106
412	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. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 6771-81	4.2	104
411	The Influence of Alkyl-Chain Length on Beta-Phase Formation in Polyfluorenes. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 67-73	15.6	104
410	Tris-cyclometalated iridium(III) complexes of carbazole(flourenyl)pyridine ligands: synthesis, redox and photophysical properties, and electrophosphorescent light-emitting diodes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1423-31	4.8	104
409	Triazatruxene: A Rigid Central Donor Unit for a D-A Thermally Activated Delayed Fluorescence Material Exhibiting Sub-Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singlet-Triplet State Pairs. <i>Advanced Science</i> , <b>2018</b> , 5, 1700989	13.6	103
408	Cyclometalated Ir(III) Complexes for High-Efficiency Solution-Processable Blue PhOLEDs. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 2352-2358	9.6	102
407	Cationic bis-cyclometalated iridium(III) phenanthroline complexes with pendant fluorenyl substituents: synthesis, redox, photophysical properties and light-emitting cells. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 933-43	4.8	102
406	Exploiting a Dual-Fluorescence Process in FluoreneDibenzothiophene-S,S-dioxideCo-Polymers to Give Efficient Single Polymer LEDs with Broadened Emission. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 586-591	15.6	101
405	Optical and electronic properties of stretch-oriented solution-cast polyaniline films. <i>Synthetic Metals</i> , <b>1991</b> , 40, 87-96	3.6	101
404	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. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 6419		94
403	Characterization of the triplet state of tris(8-hydroxyquinoline)aluminium(III) in benzene solution. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 15310-1	16.4	94
402	Triplet state dynamics on isolated conjugated polymer chains. <i>Chemical Physics</i> , <b>2002</b> , 285, 3-11	2.3	92

401	Measurement of the S <sub>0</sub> →S <sub>1</sub> energy gap in poly(2-methoxy,5-(2-ethyl-hexoxy)β-phenylenevinylene) by triplet-triplet energy transfer. <i>Chemical Physics Letters</i> , <b>1999</b> , 307, 303-309	2.5	92
400	Excited-State Aromatic Interactions in the Aggregation-Induced Emission of Molecular Rotors. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17882-17889	16.4	90
399	Energy Upconversion via Triplet Fusion in Super Yellow PPV Films Doped with Palladium Tetraphenyltetrabenzoporphyrin: a Comprehensive Investigation of Exciton Dynamics. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 384-393	15.6	90
398	Deep-Blue High-Efficiency TTA OLED Using Para- and Meta-Conjugated Cyanotriphenylbenzene and Carbazole Derivatives as Emitter and Host. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 6199-6205	6.4	87
397	Photophysics of thiophene based polymers in solution: The role of nonradiative decay processes. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 1550-1556	3.9	87
396	Nanoscale Conducting Cylinders Based on Self-Organization of Hydrogen-Bonded Polyaniline Supramolecules. <i>Macromolecules</i> , <b>2000</b> , 33, 8671-8675	5.5	86
395	Conductivity studies of polyaniline doped with CSA. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, 2991-3002	3.0	86
394	Influence of Solvent Quality on the Self-Organization of Archetypical Hairy Rods Branched and Linear Side Chain Polyfluorenes: Rodlike Chains versus Beta-Sheets in Solution. <i>Macromolecules</i> , <b>2006</b> , 39, 6505-6512	5.5	83
393	Vapour recognition using organic films and artificial neural networks. <i>Sensors and Actuators B: Chemical</i> , <b>1994</b> , 17, 143-147	8.5	83
392	An optical gas sensor based on polyaniline Langmuir-Blodgett films. <i>Sensors and Actuators B: Chemical</i> , <b>1997</b> , 41, 137-141	8.5	82
391	Effect of surfactant on water-soluble conjugated polymer used in biosensor. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 12418-26	3.4	80
390	Room temperature magnetic order in an organic magnet derived from polyaniline. <i>Polymer</i> , <b>2004</b> , 45, 5683-5689	3.9	80
389	Influence of Side Chain Length on the Self-Assembly of Hairy-Rod Poly(9,9-dialkylfluorene)s in the Poor Solvent Methylcyclohexane. <i>Macromolecules</i> , <b>2007</b> , 40, 9398-9405	5.5	79
388	Is Poly(vinylcarbazole) a Good Host for Blue Phosphorescent Dopants in PLEDs? Dimer Formation and Their Effects on the Triplet Energy Level of Poly(N-vinylcarbazole) and Poly(N-Ethyl-2-Vinylcarbazole). <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 3350-3356	15.6	78
387	X-ray photoelectron spectroscopic investigations of the chain structure and doping mechanisms in polyaniline. <i>Journal Physics D: Applied Physics</i> , <b>1991</b> , 24, 738-749	3	77
386	Mechanical modeling of flexible OLED devices. <i>Organic Electronics</i> , <b>2009</b> , 10, 1268-1274	3.5	75
385	On the triplet state of poly(N-vinylcarbazole). <i>Chemical Physics Letters</i> , <b>2004</b> , 400, 441-445	2.5	73
384	Investigation of the Mechanisms Giving Rise to TADF in Exciplex States. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 18259-18267	3.8	73

383	Chemical and conformational control of the energy gaps involved in the thermally activated delayed fluorescence mechanism. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 4842-4853	7.1	72
382	Picosecond conformational relaxation of singlet excited polyfluorene in solution. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 7119-7126	3.9	72
381	Tuning the Optoelectronic Properties of Pyridine-Containing Polymers for Light-Emitting Devices. <i>Advanced Materials</i> , <b>2000</b> , 12, 217-222	24	72
380	Dopant Effect on the Charge Injection, Transport, and Device Efficiency of an Electrophosphorescent Polymeric Light-Emitting Device. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 2231-2242	15.6	70
379	A Comparative Study of the Electrochemical Properties of Dip-Coated, Spun, and Langmuir-Blodgett Films of Polyaniline. <i>Journal of the Electrochemical Society</i> , <b>1994</b> , 141, 1573-1576	3.9	69
378	The contribution of triplet-triplet annihilation to the lifetime and efficiency of fluorescent polymer organic light emitting diodes. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 074502	2.5	68
377	Molecular Design Strategies for Color Tuning of Blue TADF Emitters. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27125-27133	9.5	66
376	Cation Recognition by Self-Assembled Layers of Novel Crown-Annulated Tetrathiafulvalenes. <i>Advanced Materials</i> , <b>1998</b> , 10, 395-398	24	66
375	Population and decay of keto states in conjugated polymers. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 12017-12028	3.9	66
374	An efficient electron-transporting polymer for light-emitting diodes. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 5171-5178	1.8	66
373	A comparative study of polyaniline films using thermal analyses and IR spectroscopy. <i>Journal of Physics D: Applied Physics</i> , <b>1993</b> , 26, 1468-1474	3	66
372	Dipolar stabilization of emissive singlet charge transfer excited states in polyfluorene copolymers. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 6557-66	3.4	65
371	Interplay of electrostatic and hydrophobic effects with binding of cationic gemini surfactants and a conjugated polyanion: experimental and molecular modeling studies. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4401-10	3.4	65
370	Exciplex Enhancement as a Tool to Increase OLED Device Efficiency. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 2070-2078	3.8	64
369	Highly Efficient, Solution-Processed, Single-Layer, Electrophosphorescent Diodes and the Effect of Molecular Dipole Moment. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 2376-2382	15.6	64
368	Anisotropic Polaron Motion in Polyaniline Studied by Muon Spin Relaxation. <i>Physical Review Letters</i> , <b>1997</b> , 79, 2855-2858	7.4	64
367	Fast and Slow Time Regimes of Fluorescence Quenching in Conjugated Polyfluorene-Fluorenone Random Copolymers: The Role of Exciton Hopping and Dexter Transfer along the Polymer Backbone. <i>Macromolecules</i> , <b>2006</b> , 39, 1598-1606	5.5	62
366	Less Is More: Dilution Enhances Optical and Electrical Performance of a TADF Exciplex. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 793-798	6.4	61



365	Bimetallic cyclometalated iridium(III) diastereomers with non-innocent bridging ligands for high-efficiency phosphorescent OLEDs. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 11616-9	16.4	59
364	Bipolar molecules with high triplet energies: synthesis, photophysical, and structural properties. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 8300-10	4.2	59
363	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. <i>Macromolecules</i> , <b>2010</b> , 43, 4481-4488	5.5	59
362	A comparison of the molecular weights of polyaniline samples obtained from gel permeation chromatography and solid state <sup>15</sup> N n.m.r. spectroscopy. <i>Polymer</i> , <b>1993</b> , 34, 328-332	3.9	59
361	Dibenzo[a,j]phenazine-Cored Donor-Acceptor-Donor Compounds as Green-to-Red/NIR Thermally Activated Delayed Fluorescence Organic Light Emitters. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5833-5838	3.6	58
360	The Use of Substituted Iridium Complexes in Doped Polymer Electrophosphorescent Devices: The Influence of Triplet Transfer and Other Factors on Enhancing Device Performance. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 1043-1050	15.6	58
359	The effect of conjugation length on triplet energies, electron delocalization and electron-electron correlation in soluble polythiophenes. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9046-9049	3.9	57
358	High efficiency OLEDs based on anthracene derivatives: The impact of electron donating and withdrawing group on the performance of OLED. <i>Organic Electronics</i> , <b>2016</b> , 30, 149-157	3.5	56
357	Bridged diiridium complexes for electrophosphorescent OLEDs: synthesis, X-ray crystal structures, photophysics, and devices. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 1046		56
356	Solubilization of polyelectrolytic hairy-rod polyfluorene in aqueous solutions of nonionic surfactant. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 10248-57	3.4	56
355	New pyrimidine- and fluorene-containing oligo(arylene)s: synthesis, crystal structures, optoelectronic properties and a theoretical study. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 3069-77	3.9	56
354	A new acid-processing route to polyaniline films which exhibit metallic conductivity and electrical transport strongly dependent upon intrachain molecular dynamics. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 8293-8303	1.8	56
353	Electrophosphorescence and delayed electroluminescence from pristine polyfluorene thin-film devices at low temperature. <i>Physical Review Letters</i> , <b>2003</b> , 90, 127402	7.4	55
352	Electric Field Induce Blue Shift and Intensity Enhancement in 2D Exciplex Organic Light Emitting Diodes; Controlling Electron-Hole Separation. <i>Advanced Materials</i> , <b>2016</b> , 28, 8014-8020	24	54
351	Energy transfer to porphyrin derivative dopants in polymer light-emitting diodes. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 99	2.5	54
350	Solution-state carbon-13 nuclear magnetic resonance studies of polyaniline. <i>Polymer</i> , <b>1992</b> , 33, 4292-4299	3.9	54
349	Electronic energy levels of polyaniline. <i>Journal Physics D: Applied Physics</i> , <b>1987</b> , 20, 1337-1345	3	54
348	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 11109-11117	3.8	53

347	Inherently Electrically Conductive Fibers Wet Spun from a Sulfonic Acid Doped Polyaniline Solution. <i>Advanced Materials</i> , <b>1998</b> , 10, 1351-1353	24	53
346	Influence of molecular weight on the phase behavior and structure formation of branched side-chain hairy-rod polyfluorene in bulk phase. <i>Physical Review E</i> , <b>2005</b> , 71, 041802	2.4	53
345	Direct measurement of the singlet generation yield in polymer light-emitting diodes. <i>Physical Review Letters</i> , <b>2006</b> , 97, 076602	7.4	52
344	Electroluminescence from porous silicon using a conducting polyaniline contact. <i>Thin Solid Films</i> , <b>1996</b> , 276, 299-302	2.2	52
343	Dihedral Angle Control of Blue Thermally Activated Delayed Fluorescent Emitters through Donor Substitution Position for Efficient Reverse Intersystem Crossing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 35420-35429	9.5	51
342	Theoretical Investigations into the Structural and Electronic Influences on the Hydrogen Bonding in Doped Polyaniline. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 7604-7610	2.8	50
341	The role of exciton diffusion in energy transfer between polyfluorene and tetraphenyl porphyrin. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	50
340	Structural characterisation of polyaniline free standing films. <i>Synthetic Metals</i> , <b>1991</b> , 41, 891-896	3.6	50
339	Efficient intramolecular charge transfer in oligoyne-linked donor-pi-acceptor molecules. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1470-9	4.8	49
338	Polymeric Alkoxy PBD [2-(4-Biphenyl)-5-Phenyl-1,3,4-Oxadiazole] for Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2001</b> , 11, 47-50	15.6	49
337	Dynamics and trap-depth distribution of triplet excited states in thin films of the light-emitting polymer poly(9,9-di(ethylhexyl)fluorene). <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	49
336	Trap influenced properties of the delayed luminescence in thin solid films of the conjugated polymer Poly (9,9-di(ethylhexyl)fluorene). <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9557-9562	3.9	48
335	The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. <i>Chemical Communications</i> , <b>2010</b> , 46, 4812-4	5.8	47
334	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. <i>Macromolecules</i> , <b>2005</b> , 38, 2744-2753	5.5	47
333	Triplet exciton state and related phenomena in the E <sub>g</sub> phase of poly(9,9-dioctyl)fluorene. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	47
332	Competition between polaron pair formation and singlet fission observed in amorphous rubrene films. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	46
331	Characterization of high molecular weight polyaniline synthesized at 40 °C using a 0.25:1 mole ratio of persulfate oxidant to aniline. <i>Synthetic Metals</i> , <b>1997</b> , 87, 165-169	3.6	46
330	Hole formation and transfer in poly[9,9-di(ethylhexyl)fluorene] and an amine end-capped derivative in solution. <i>Chemical Physics Letters</i> , <b>2004</b> , 385, 105-110	2.5	46



329	X-ray Diffraction Studies of Multiple Orientation in Poly(9,9-bis(2-ethylhexyl)fluorene-2,7-diyl) Thin Films. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 12425-12430	3.4	46
328	Optical and Electrochemical Properties of Metallophthalocyanine Derivative Langmuir-Blodgett Films. <i>Langmuir</i> , <b>1996</b> , 12, 472-476	4	44
327	Dynamics of conformational relaxation in photoexcited oligofluorenes and polyfluorene. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	43
326	Triplet-state and singlet oxygen formation in fluorene-based alternating copolymers. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 8278-83	3.4	43
325	Observed anisotropies in stretch oriented polyaniline. <i>Synthetic Metals</i> , <b>1991</b> , 41, 627-633	3.6	43
324	Singlet Generation from Triplet Excitons in Fluorescent Organic Light-Emitting Diodes. <i>ISRN Materials Science</i> , <b>2013</b> , 2013, 1-19		42
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