Stefan C J Meskers

List of Publications by Year
in descending order

221	12,538	19657 61	30087 103
papers	citations	h-index	g-index

225	225	225	11936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning the donorâ€“acceptor interactions in phase-segregated block molecules. Materials Horizons, 2022, 9, 294-302.	12.2	12
2	Circular Polarization of Luminescence as a Tool To Study Molecular Dynamical Processes. ChemPhotoChem, 2022, 6, .	3.0	33
3	Consequences of chirality on the response of materials. Materials Advances, 2022, 3, 2324-2336.	5.4	7
4	Photoâ€Imprinting of the Helical Organization in Liquidâ€Crystal Networks Using Achiral Monomers and Circularly Polarized Light. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
5	Competition between Circularly Polarized Light and Molecular Chirality in the Assembly of Main-chain Liquid Crystalline Polymers. Chemistry Letters, 2022, 51, 713-715.	1.3	1
6	Helicity Control in the Aggregation of Achiral Squaraine Dyes in Solution and Thin Films. Chemistry - A European Journal, 2021, 27, 298-306.	3.3	11
7	Consequences of Chirality in Directing the Pathway of Cholesteric Helix Inversion of Ï€â€Conjugated Polymers by Light. Advanced Materials, 2021, 33, e2005720.	21.0	32
8	Photoâ€controlled alignment and helical organization in mainâ€chain liquid crystalline alternating polymers. Journal of Polymer Science, 2021, 59, 1131-1141.	3.8	10
9	Supramolecular Systems Containing Bâ€“N Frustrated Lewis Pairs of Tris(pentafluorophenyl)borane and Triphenylamine Derivatives. Organic Materials, 2021, 03, 174-183.	2.0	7
10	Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. Journal of the American Chemical Society, 2021, 143, 8772-8779.	13.7	47
11	Effect of Light-Induced Halide Segregation on the Performance of Mixed-Halide Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 6650-6658.	5.1	26
12	Extrinsic Influences on Photoluminescence Spectral Lineshape in Thin Films. Advanced Optical Materials, 2021, 9, 2001997.	7.3	6
13	Ultralow dark current in near-infrared perovskite photodiodes by reducing charge injection and interfacial charge generation. Nature Communications, 2021, 12, 7277.	12.8	60
14	On the Origin of Dark Current in Organic Photodiodes. Advanced Optical Materials, 2020, 8, 1901568.	7.3	88
15	Organic Photodetectors and their Application in Large Area and Flexible Image Sensors: The Role of Dark Current. Advanced Functional Materials, 2020, 30, 1904205.	14.9	242
16	Long-Lived Charge-Transfer State from Bâ€“N Frustrated Lewis Pairs Enchained in Supramolecular Copolymers. Journal of the American Chemical Society, 2020, 142, 16681-16689.	13.7	86
17	Tuning the Optical Characteristics of Diketopyrrolopyrrole Molecules in the Solid State by Alkyl Side Chains. Journal of Physical Chemistry C, 2020, 124, 25229-25238.	3.1	20
18	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. ACS Nano, 2020, 14, 7610-7616.	14.6	86

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19	Flexible Nanoporous Liquid Crystal Networks as Matrixes for FÃ¶rster Resonance Energy Transfer (FRET). ACS Applied Nano Materials, 2020, 3, 3904-3909.	5.0	11
20	Relation between the Electronic Properties of Regioregular Donorâ€“Acceptor Terpolymers and Their Binary Copolymers. Journal of Physical Chemistry C, 2020, 124, 3503-3516.	3.1	8
21	Impact of polymorphism on the optoelectronic properties of a low-bandgap semiconducting polymer. Nature Communications, 2019, 10, 2867.	12.8	89
22	Nonequilibrium site distribution governs charge-transfer electroluminescence at disordered organic heterointerfaces. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23416-23425.	7.1	29
23	The Mechanism of Dedoping PEDOT:PSS by Aliphatic Polyamines. Journal of Physical Chemistry C, 2019, 123, 24328-24337.	3.1	37
24	Molecular Design Principles for Achieving Strong Chiroptical Properties of Fluorene Copolymers in Thin Films. Chemistry of Materials, 2019, 31, 6633-6641.	6.7	52
25	Chiral Excitonic Organic Photodiodes for Direct Detection of Circular Polarized Light. Advanced Functional Materials, 2019, 29, 1900684.	14.9	80
26	Effect of Charge-Transfer State Energy on Charge Generation Efficiency via Singlet Fission in Pentaceneâ€“Fullerene Solar Cells. Journal of Physical Chemistry C, 2019, 123, 10253-10261.	3.1	15
27	Bis(arylimidazole) Iridium Picolinate Emitters and Preferential Dipole Orientation in Films. ACS Omega, 2018, 3, 2673-2682.	3.5	6
28	The effect of oxygen on the efficiency of planar pâ€“iâ€“n metal halide perovskite solar cells with a PEDOT:PSS hole transport layer. Journal of Materials Chemistry A, 2018, 6, 6882-6890.	10.3	27
29	An efficient zero-order description of the fine structure in the infrared reflection band of cubic ionic crystals and the phonon-polariton dispersion using Lorentz gauge. Journal of Chemical Physics, 2018, 148, 114703.	3.0	1
30	Photoswitchable Nanomaterials Based on Hierarchically Organized Siloxane Oligomers. Advanced Functional Materials, 2018, 28, 1703952.	14.9	86
31	Effects of fluorination and thermal annealing on charge recombination processes in polymer bulk-heterojunction solar cells. Journal of Materials Chemistry A, 2018, 6, 19520-19531.	10.3	5
32	Improving Performance of Allâ€Polymer Solar Cells Through Backbone Engineering of Both Donors and Acceptors. Solar Rrl, 2018, 2, 1800247.	5.8	17
33	Nearâ€Infrared Tandem Organic Photodiodes for Future Application in Artificial Retinal Implants. Advanced Materials, 2018, 30, e1804678.	21.0	66
34	Amplifying Chiroptical Properties of Conjugated Polymer Thin-Film Using an Achiral Additive. Macromolecules, 2018, 51, 5883-5890.	4.8	28
35	Ferroelectric switching and electrochemistry of pyrrole substituted trialkylbenzene-1,3,5-tricarboxamides. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 673-683.	2.1	13
36	Increasing the horizontal orientation of transition dipole moments in solution processed small molecular emitters. Journal of Materials Chemistry C, 2017, 5, 6555-6562.	5.5	22

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37	Thiophene Rings Improve the Device Performance of Conjugated Polymers in Polymer Solar Cells with Thick Active Layers. Advanced Energy Materials, 2017, 7, 1700519.	19.5	49
38	High Circular Polarization of Electroluminescence Achieved via Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. ACS Nano, 2017, 11, 12713-12722.	14.6	197
39	Pitch and Handedness of the Cholesteric Order in Films of a Chiral Alternating Fluorene Copolymer. Journal of Physical Chemistry B, 2017, 121, 11520-11527.	2.6	26
40	Reflection of light by anisotropic molecular crystals including exciton-polaritons and spatial dispersion. Journal of Chemical Physics, 2016, 145, 194703.	3.0	11
41	Optical modulation of nano-gap tunnelling junctions comprising self-assembled monolayers of hemicyanine dyes. Nature Communications, 2016, 7, 11749.	12.8	35
42	Reflection and extinction of light by self-assembled monolayers of a quinque-thiophene derivative: A coherent scattering approach. Journal of Chemical Physics, 2016, 144, 214302.	3.0	2
43	Ligand exchange as a tool to improve quantum dot miscibility in polymer composite layers used as luminescent down-shifting layers for photovoltaic applications. Journal of Materials Chemistry C, 2016, 4, 5747-5754.	5.5	26
44	Space charge limitation on the response time of organic photodiodes. Organic Electronics, 2016, 34, 218-222.	2.6	6
45	Solvent-Induced Galvanoluminescence of Metalâ€“Organic Framework Electroluminescent Diodes. Journal of Physical Chemistry C, 2016, 120, 11045-11048.	3.1	12
46	Pathway Complexity in the Enantioselective Self-Assembly of Functional Carbonyl-Bridged Triarylamine Trisamides. Journal of the American Chemical Society, 2016, 138, 10539-10545.	13.7	127
47	Transition dipole moment orientation in films of solution processed fluorescent oligomers: investigating the influence of molecular anisotropy. Journal of Materials Chemistry C, 2016, 4, 6302-6308.	5.5	17
48	Unipolar resistive switching in metal oxide/organic semiconductor non-volatile memories as a critical phenomenon. Journal of Applied Physics, 2015, 118, .	2.5	10
49	Sudden death of organic light-emitting diodes. Organic Electronics, 2015, 20, 89-96.	2.6	9
50	Charge trapping at the polymer-metal oxide interface as a first step in the electroforming of organic-inorganic memory diodes. Proceedings of SPIE, 2015, , .	0.8	0
51	Photovoltaic action in a self-assembled monolayer of hemicyanine dyes on gold from dissociation of surface plasmons. Applied Physics Letters, 2015, 106, 183303.	3.3	4
52	Electrical conduction of LiF interlayers in organic diodes. Journal of Applied Physics, 2015, 117, .	2.5	10
53	Lithium fluoride injection layers can form quasi-Ohmic contacts for both holes and electrons. Applied Physics Letters, 2014, 105, 123302.	3.3	17
54	Relation between the electroforming voltage in alkali halide-polymer diodes and the bandgap of the alkali halide. Applied Physics Letters, 2014, 105, 233502.	3.3	5

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55	Bulk photovoltaic effect in an organic polar crystal. Chemical Communications, 2014, 50, 6530.	4.1	10
56	The Role of Photon Energy in Free Charge Generation in Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2014, 4, 1400416.	19.5	12
57	Photoluminescence quenching in films of conjugated polymers by electrochemical doping. Physical Review B, 2014, 89, .	3.2	40
58	Effect of the Fibrillar Microstructure on the Efficiency of High Molecular Weight Diketopyrrolopyrroleâ€Based Polymer Solar Cells. Advanced Materials, 2014, 26, 1565-1570.	21.0	207
59	Optical imaging as an expansion of nuclear medicine: Cerenkov-based luminescence vs fluorescence-based luminescence. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1283-1291.	6.4	89
60	Photovoltaic Effect in Self-Assembled Molecular Monolayers on Gold: Influence of Orbital Energy Level Alignment on Short-Circuit Current Generation. Journal of Physical Chemistry C, 2013, 117, 16820-16829.	3.1	9
61	Low-frequency noise as a diagnostic tool for OLED reliability. , 2013, , .		11
62	Carrier Recombination in Polymer Fullerene Solar Cells Probed by Reversible Exchange of Charge between the Active Layer and Electrodes Induced by a Linearly Varying Voltage. Journal of Physical Chemistry C, 2013, 117, 3210-3220.	3.1	10
63	Synthesis and Optical Properties of Pyrrolo[3,2-b]pyrrole-2,5(1H,4H)-dione (iDPP)-Based Molecules. Journal of Physical Chemistry A, 2013, 117, 2782-2789.	2.5	26
64	Intramolecular Excimer Formation between 3,6-Di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione Chromophoric Groups Linked by a Flexible Alkyl Spacer. Journal of Physical Chemistry A, 2013, 117, 4828-4837.	2.5	23
65	Simultaneous Openâ€Circuit Voltage Enhancement and Shortâ€Circuit Current Loss in Polymer: Fullerene Solar Cells Correlated by Reduced Quantum Efficiency for Photoinduced Electron Transfer. Advanced Energy Materials, 2013, 3, 85-94.	19.5	77
66	Reversible post-breakdown conduction in aluminum oxide-polymer capacitors. Applied Physics Letters, 2013, 102, 153509.	3.3	4
67	Evidence for space-charge-limited conduction in organic photovoltaic cells at open-circuit conditions. Physical Review B, 2013, 87, .	3.2	17
68	The role of internal structure in the anomalous switching dynamics of metal-oxide/polymer resistive random access memories. Journal of Applied Physics, 2013, 113, .	2.5	11
69	Low-Frequency Diffusion Noise in Resistive-Switching Memories Based on Metalâ€“Oxide Polymer Structure. IEEE Transactions on Electron Devices, 2012, 59, 2483-2487.	3.0	16
70	Intrinsic and extrinsic resistive switching in a planar diode based on silver oxide nanoparticles. Thin Solid Films, 2012, 522, 407-411.	1.8	14
71	Optical Properties of Oligothiophene Substituted Diketopyrrolopyrrole Derivatives in the Solid Phase: Joint J- and H-Type Aggregation. Journal of Physical Chemistry A, 2012, 116, 7927-7936.	2.5	114
72	Insights from Chiral Polyfluorene on the Unification of Molecular Exciton and Cholesteric Liquid Crystal Theories for Chiroptical Phenomena. Journal of Physical Chemistry A, 2012, 116, 1121-1128.	2.5	28

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73	Role of Hole Injection in Electroforming of LiF-Polymer Memory Diodes. Journal of Physical Chemistry C, 2012, 116, 12443-12447.	3.1	10
74	Photophysics of Self-Assembled Monolayers of a Ï€-Conjugated Quinquethiophene Derivative. Journal of Physical Chemistry A, 2012, 116, 7645-7650.	2.5	12
75	Effect of PCBM on the Photodegradation Kinetics of Polymers for Organic Photovoltaics. Chemistry of Materials, 2012, 24, 4397-4405.	6.7	73
76	Circular Dichroism Probed by Two-Photon Fluorescence Microscopy in Enantiopure Chiral Polyfluorene Thin Films. Journal of the American Chemical Society, 2012, 134, 5832-5835.	13.7	28
77	Route towards huge magnetoresistance in doped polymers. Physical Review B, 2012, 86, .	3.2	24
78	Influence of Photon Excess Energy on Charge Carrier Dynamics in a Polymerâ€Fullerene Solar Cell. Advanced Energy Materials, 2012, 2, 1095-1099.	19.5	69
79	Solutionâ€Processable Septithiophene Monolayer Transistor. Advanced Materials, 2012, 24, 973-978.	21.0	56
80	Electroforming Process in Metal-Oxide-Polymer Resistive Switching Memories. International Federation for Information Processing, 2012, , 527-534.	0.4	0
81	Delayed Fluorescence in Perhydrotriphenyleneâ€“Oligothiophene Inclusion Compounds: Evidence for Molecular Oxygen-Related Excited States. Journal of Physical Chemistry A, 2011, 115, 7966-7971.	2.5	4
82	Spontaneous Formation of Left- and Right-Handed Cholesterically Ordered Domains in an Enantiopure Chiral Polyfluorene Film. Journal of Physical Chemistry Letters, 2011, 2, 1359-1362.	4.6	15
83	Circular Selective Reflection of Light Proving Cholesteric Ordering in Thin Layers of Chiral Fluorene Polymers. Journal of Physical Chemistry Letters, 2011, 2, 1497-1501.	4.6	28
84	Anomalous temperature dependence of the current in a metal-oxide-polymer resistive switching diode. Journal Physics D: Applied Physics, 2011, 44, 025103.	2.8	9
85	Switching speed in Resistive Random Access Memories (RRAMS) based on plastic semiconductor. Materials Research Society Symposia Proceedings, 2011, 1337, 27.	0.1	0
86	Non-volatile memory device using a polymer modified nanocrystal. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1552-1555.	3.5	3
87	Formation of metastable charges as a first step in photoinduced degradation in Ï€-conjugated polymer:fullerene blends for photovoltaic applications. Organic Electronics, 2011, 12, 1657-1662.	2.6	60
88	Opto-electronic characterization of electron traps upon forming polymer oxide memory diodes. Applied Physics Letters, 2011, 99, .	3.3	13
89	Polymer Photovoltaic Cells Sensitive to the Circular Polarization of Light. Advanced Materials, 2010, 22, E131-4.	21.0	76
90	Improved Film Morphology Reduces Charge Carrier Recombination into the Triplet Excited State in a Small Bandgap Polymerâ€Fullerene Photovoltaic Cell. Advanced Materials, 2010, 22, 4321-4324.	21.0	151

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91	Dual-emissive quantum dots for multispectral intraoperative fluorescence imaging. Biomaterials, 2010, 31, 6823-6832.	11.4	38
92	Trapping of electrons in metal oxide-polymer memory diodes in the initial stage of electroforming. Applied Physics Letters, 2010, 97, .	3.3	17
93	Atomic Force Microscopy Nanomanipulation of Shape Persistent, Spherical, Self-Assembled Aggregates of Gold Nanoparticles. ACS Nano, 2010, 4, 6501-6508.	14.6	5
94	Probing Charge Carrier Density in a Layer of Photodoped ZnO Nanoparticles by Spectroscopic Ellipsometry. Journal of Physical Chemistry C, 2010, 114, 14804-14810.	3.1	57
95	Resistive switching in nanostructured thin films. Applied Physics Letters, 2009, 94, .	3.3	25
96	The Energy of Chargeâ€Transfer States in Electron Donorâ€“Acceptor Blends: Insight into the Energy Losses in Organic Solar Cells. Advanced Functional Materials, 2009, 19, 1939-1948.	14.9	907
97	Large Photoinduced Circular Dichroism in Chiral Polyfluorene. Journal of Physical Chemistry A, 2009, 113, 10891-10894.	2.5	7
98	Intensive Chiroptical Properties of Chiral Polyfluorenes Associated with Fibril Formation. Journal of Physical Chemistry B, 2009, 113, 14047-14051.	2.6	21
99	Anisotropic Dielectric Tensor for Chiral Polyfluorene at Optical Frequencies. Journal of Physical Chemistry B, 2009, 113, 14165-14171.	2.6	11
100	Helical Aromatic Oligoamide Foldamers as Organizational Scaffolds for Photoinduced Charge Transfer. Journal of the American Chemical Society, 2009, 131, 4819-4829.	13.7	95
101	Î² Phase in Chiral Polyfluorene Forms via a Precursor. Macromolecules, 2009, 42, 4220-4223.	4.8	20
102	Exciton Diffusion Length and Lifetime in Subphthalocyanine Films. Journal of Physical Chemistry C, 2009, 113, 2974-2979.	3.1	66
103	Switching dynamics in non-volatile polymer memories. Organic Electronics, 2008, 9, 829-833.	2.6	13
104	Self-assembly of amphiphilic gold nanoparticles decorated with a mixed shell of oligo(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	6.7	23
105	Using circularly polarized luminescence to probe exciton coherence in disordered helical aggregates. Journal of Chemical Physics, 2008, 129, 024704.	3.0	24
106	Compositional and Electric Field Dependence of the Dissociation of Charge Transfer Excitons in Alternating Polyfluorene Copolymer/Fullerene Blends. Journal of the American Chemical Society, 2008, 130, 7721-7735.	13.7	544
107	Molecular recognition in bisurea thermoplastic elastomers studied with pyrene-based fluorescent probes and atomic force microscopy. Chemical Communications, 2008, , 3915.	4.1	27
108	Disk micelles from amphiphilic Janus gold nanoparticles. Chemical Communications, 2008, , 697-699.	4.1	42

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109	Resistive Switching in Organic Memories with a Spin-Coated Metal Oxide Nanoparticle Layer. Journal of Physical Chemistry C, 2008, 112, 5254-5257.	3.1	38
110	Triplet Formation Involving a Polar Transition State in a Well-Defined Intramolecular Perylenediimide Dimeric Aggregate. Journal of Physical Chemistry A, 2008, 112, 5846-5857.	2.5	103
111	EDOT-Type Materials: Planar but Not Rigid. Journal of Physical Chemistry A, 2008, 112, 13282-13286.	2.5	36
112	The Mechanism of Long-Range Exciton Diffusion in a Nematically Organized Porphyrin Layer. Journal of the American Chemical Society, 2008, 130, 12496-12500.	13.7	37
113	Enhanced Intersystem Crossing via a High Energy Charge Transfer State in a Perylenediimideâ^'Perylenemonoimide Dyad. Journal of Physical Chemistry A, 2008, 112, 8617-8632.	2.5	61
114	Probing Excitation Delocalization in Supramolecular Chiral Stacks by Means of Circularly Polarized Light:â€‰ Experiment and Modeling. Journal of the American Chemical Society, 2007, 129, 7044-7054.	13.7	112
115	Circular Differential Scattering of Light in Films of Chiral Polyfluorene. Journal of Physical Chemistry B, 2007, 111, 5124-5131.	2.6	39
116	Highly Luminescent CdTe/CdSe Colloidal Heteronanocrystals with Temperature-Dependent Emission Color. Journal of the American Chemical Society, 2007, 129, 14880-14886.	13.7	167
117	Surface Modification of Zinc Oxide Nanoparticles Influences the Electronic Memory Effects in ZnOâ^'Polystyrene Diodes. Journal of Physical Chemistry C, 2007, 111, 10150-10153.	3.1	30
118	Phosphorescent Resonant Energy Transfer between Iridium Complexes. Journal of Physical Chemistry A, 2007, 111, 1381-1388.	2.5	40
119	Reproducible resistive switching in nonvolatile organic memories. Applied Physics Letters, 2007, 91, .	3.3	126
120	Donor-Functionalized Polydentate Pyrylium Salts and Phosphinines: Synthesis, Structural Characterization, and Photophysical Properties. Chemistry - A European Journal, 2007, 13, 4548-4559.	3.3	87
121	Self-Assembled Hybrid Oligo(p-phenylenevinylene)â€"Gold Nanoparticle Tapes. Angewandte Chemie - International Edition, 2007, 46, 1825-1828.	13.8	117
122	Macroscopic Origin of Circular Dichroism Effects by Alignment of Selfâ€Assembled Fibers in Solution. Angewandte Chemie - International Edition, 2007, 46, 8203-8205.	13.8	206
123	Energy Transfer and Polarized Emission in Cadmium Selenide Nanocrystal Solids with Mixed Dimensionality. Advanced Functional Materials, 2007, 17, 3829-3835.	14.9	26
124	Picosecond energy transfer in oligo(p-phenylene vinylene) capped gold nanoparticles. Chemical Physics Letters, 2007, 433, 340-344.	2.6	7
125	The chiroptical properties of chiral substituted poly[3-((3S)-3,7-dimethyloctyl)thiophene] as a function of film thickness. Chemical Physics Letters, 2007, 437, 193-197.	2.6	24
126	Photoinduced absorption spectroscopy on MDMO-PPV:PCBM solar cells under operation. Organic Electronics, 2007, 8, 325-335.	2.6	12

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127	Charge Transfer Absorption for Ï€-Conjugated Polymers and Oligomers Mixed with Electron Acceptors. Journal of Physical Chemistry B, 2007, 111, 5076-5081.	2.6	79
128	Electronic memory effects in diodes of zinc oxide nanoparticles in a matrix of polystyrene or poly(3-hexylthiophene). Journal of Applied Physics, 2007, 102, .	2.5	92
129	Synthesis and properties of Î±,Ï‰-phenyl-capped bithiophene derivatives. Journal of Materials Chemistry, 2006, 16, 4335-4342.	6.7	17
130	Influence of Intermolecular Orientation on the Photoinduced Charge Transfer Kinetics in Self-Assembled Aggregates of Donorâ^'Acceptor Arrays. Journal of the American Chemical Society, 2006, 128, 649-657.	13.7	171
131	The Importance of Nanoscopic Ordering on the Kinetics of Photoinduced Charge Transfer in Aggregated Ï€-Conjugated Hydrogen-Bonded Donorâ^'Acceptor Systems. Journal of Physical Chemistry B, 2006, 110, 16967-16978.	2.6	57
132	Electronic memory effects in diodes from a zinc oxide nanoparticle-polystyrene hybrid material. Applied Physics Letters, 2006, 89, 102103.	3.3	136
133	Large Area Liquid Crystal Monodomain Field-Effect Transistors. Journal of the American Chemical Society, 2006, 128, 2336-2345.	13.7	222
134	Synthesis and Characterization of Long Perylenediimide Polymer Fibers:â€‰ From Bulk to the Single-Molecule Level. Journal of Physical Chemistry B, 2006, 110, 7803-7812.	2.6	55
135	Probing a Conjugated Polymer's Transfer of Organization-Dependent Properties from Solutions to Films. Journal of the American Chemical Society, 2006, 128, 9030-9031.	13.7	186
136	Electronic Memory Effects in a Sexithiopheneâ^'Poly(ethylene oxide) Block Copolymer Doped with NaCl. Combined Diode and Resistive Switching Behavior. Chemistry of Materials, 2006, 18, 2707-2712.	6.7	59
137	Fractal-like Self-Assembly of Oligo(p-phenylene vinylene) Capped Gold Nanoparticles. Journal of the American Chemical Society, 2006, 128, 686-687.	13.7	53
138	Solvent Mediated Intramolecular Photoinduced Electron Transfer in a Fluorene-Perylene Bisimide Derivative. Journal of Physical Chemistry A, 2006, 110, 12363-12371.	2.5	33
139	High-Resolution Electronic Spectra of Ethylenedioxythiophene Oligomers. Journal of the American Chemical Society, 2006, 128, 17007-17017.	13.7	57
140	Electro-optical studies on MDMO-PPV:PCBM bulk-heterojunction solar cells on the millisecond time scale: Trapped carriers. Organic Electronics, 2006, 7, 213-221.	2.6	16
141	Photoinduced charge and energy transfer in dye-doped conjugated polymers. Thin Solid Films, 2006, 511-512, 581-586.	1.8	32
142	Triplet formation from the charge-separated state in blends of MDMO-PPV with cyano-containing acceptor polymers. Thin Solid Films, 2006, 511-512, 333-337.	1.8	28
143	Electronic Memory Effects in Zinc Oxide Nanoparticle -Polystyrene Devices with a Calcium Top Electrode. Materials Research Society Symposia Proceedings, 2006, 965, 1.	0.1	0
144	Time delayed collection field experiments on polymer: Fullerene bulk-heterojunction solar cells. Journal of Applied Physics, 2006, 100, 074509.	2.5	24

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145	Exciplex dynamics in a conjugated polymer blend of MDMO-PPV and PCNEPV. , 2005, , .		0
146	Monte-Carlo simulations of geminate electron-hole pair dissociation in a molecular heterojunction. , 2005, , .		1
147	Monte-Carlo simulations of geminate electronâ€“hole pair dissociation in a molecular heterojunction: a two-step dissociation mechanism. Chemical Physics, 2005, 308, 125-133.	1.9	93
148	Comparison of the chain length dependence of the singlet- and triplet-excited states of oligofluorenes. Chemical Physics Letters, 2005, 411, 273-277.	2.6	71
149	Charge Transfer in Supramolecular Coaggregates of Oligo(p-Phenylene Vinylene) and Perylene Bisimide in Water. ChemPhysChem, 2005, 6, 2029-2031.	2.1	16
150	Electrically Rewritable Memory Cells from Poly(3-hexylthiophene) Schottky Diodes. Advanced Materials, 2005, 17, 1169-1173.	21.0	80
151	Phosphorescence and Triplet State Energies of Oligothiophenes. Journal of Physical Chemistry B, 2005, 109, 4410-4415.	2.6	67
152	Excitation Migration along Oligophenylenevinylene-Based Chiral Stacks:Â Delocalization Effects on Transport Dynamics. Journal of Physical Chemistry B, 2005, 109, 10594-10604.	2.6	80
153	Exciplex dynamics in a blend ofÏ€-conjugated polymers with electron donating and accepting properties: MDMO-PPV and PCNEPV. Physical Review B, 2005, 72, .	3.2	127
154	Analysis of the vibronic fine structure in circularly polarized emission spectra from chiral molecular aggregates. Journal of Chemical Physics, 2004, 120, 10594-10604.	3.0	38
155	PLASTIC INFRARED DETECTORS BASED ON POLY(3,4-ETHYLENEDIOXYTHIOPHENE):POLY(STYRENE SULFONIC) Tj ETQq1 1 0.784314 gt	1.9	1
156	Photoinduced energy and electron transfer in oligo(p-phenylene vinylene)-fullerene dyads. Applied Physics A: Materials Science and Processing, 2004, 79, 41-46.	2.3	59
157	Efficient Energy Transfer in Mixed Columnar Stacks of Hydrogen-Bonded Oligo(p-phenylene vinylene)s in Solution. Angewandte Chemie - International Edition, 2004, 43, 1976-1979.	13.8	99
158	Photoluminescence of Self-organized Perylene Bisimide Polymers. Macromolecular Chemistry and Physics, 2004, 205, 217-222.	2.2	107
159	Non-linearity in the Iâ€“V characteristic of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonic acid) (PEDOT:PSS) due to Joule heating. Organic Electronics, 2004, 5, 207-211.	2.6	6
160	Charge Separation and Recombination in Photoexcited Oligo(p-phenylene vinylene):Â Perylene Bisimide Arrays Close to the Marcus Inverted Region. Journal of Physical Chemistry A, 2004, 108, 6933-6937.	2.5	64
161	Supramolecular Control over Donorâ^'Acceptor Photoinduced Charge Separation. Journal of the American Chemical Society, 2004, 126, 9630-9644.	13.7	58
162	Photoinduced Multistep Electron Transfer in an Oligoanilineâ^'Oligo(p-phenylene Vinylene)â^'Perylene Diimide Molecular Array. Journal of Physical Chemistry A, 2004, 108, 8201-8211.	2.5	33

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163	Towards supramolecular electronics. Synthetic Metals, 2004, 147, 43-48.	3.9	44
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