

Stefan C J Meskers

List of Publications by Year in descending order

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221
papers

12,538
citations

19608

61
h-index

30010

103
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225
all docs

225
docs citations

225
times ranked

11936
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the donor-acceptor interactions in phase-segregated block molecules. <i>Materials Horizons</i> , 2022, 9, 294-302.	6.4	12
2	Circular Polarization of Luminescence as a Tool To Study Molecular Dynamical Processes. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	33
3	Consequences of chirality on the response of materials. <i>Materials Advances</i> , 2022, 3, 2324-2336.	2.6	7
4	Photoimprinting of the Helical Organization in Liquid-Crystal Networks Using Achiral Monomers and Circularly Polarized Light. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
5	Competition between Circularly Polarized Light and Molecular Chirality in the Assembly of Main-chain Liquid Crystalline Polymers. <i>Chemistry Letters</i> , 2022, 51, 713-715.	0.7	1
6	Helicity Control in the Aggregation of Achiral Squaraine Dyes in Solution and Thin Films. <i>Chemistry - A European Journal</i> , 2021, 27, 298-306.	1.7	11
7	Consequences of Chirality in Directing the Pathway of Cholesteric Helix Inversion of π -Conjugated Polymers by Light. <i>Advanced Materials</i> , 2021, 33, e2005720.	11.1	32
8	Photocontrolled alignment and helical organization in main-chain liquid crystalline alternating polymers. <i>Journal of Polymer Science</i> , 2021, 59, 1131-1141.	2.0	10
9	Supramolecular Systems Containing $B\text{-}N$ Frustrated Lewis Pairs of Tris(pentafluorophenyl)borane and Triphenylamine Derivatives. <i>Organic Materials</i> , 2021, 03, 174-183.	1.0	7
10	Robust Angular Anisotropy of Circularly Polarized Luminescence from a Single Twisted-Bipolar Polymeric Microsphere. <i>Journal of the American Chemical Society</i> , 2021, 143, 8772-8779.	6.6	47
11	Effect of Light-Induced Halide Segregation on the Performance of Mixed-Halide Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 6650-6658.	2.5	26
12	Extrinsic Influences on Photoluminescence Spectral Lineshape in Thin Films. <i>Advanced Optical Materials</i> , 2021, 9, 2001997.	3.6	6
13	Ultralow dark current in near-infrared perovskite photodiodes by reducing charge injection and interfacial charge generation. <i>Nature Communications</i> , 2021, 12, 7277.	5.8	60
14	On the Origin of Dark Current in Organic Photodiodes. <i>Advanced Optical Materials</i> , 2020, 8, 1901568.	3.6	88
15	Organic Photodetectors and their Application in Large Area and Flexible Image Sensors: The Role of Dark Current. <i>Advanced Functional Materials</i> , 2020, 30, 1904205.	7.8	242
16	Long-Lived Charge-Transfer State from $B\text{-}N$ Frustrated Lewis Pairs Enchained in Supramolecular Copolymers. <i>Journal of the American Chemical Society</i> , 2020, 142, 16681-16689.	6.6	86
17	Tuning the Optical Characteristics of Diketopyrrolopyrrole Molecules in the Solid State by Alkyl Side Chains. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25229-25238.	1.5	20
18	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	7.3	86

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19	Flexible Nanoporous Liquid Crystal Networks as Matrixes for Förster Resonance Energy Transfer (FRET). <i>ACS Applied Nano Materials</i> , 2020, 3, 3904-3909.	2.4	11
20	Relation between the Electronic Properties of Regioregular Donor-Acceptor Terpolymers and Their Binary Copolymers. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3503-3516.	1.5	8
21	Impact of polymorphism on the optoelectronic properties of a low-bandgap semiconducting polymer. <i>Nature Communications</i> , 2019, 10, 2867.	5.8	89
22	Nonequilibrium site distribution governs charge-transfer electroluminescence at disordered organic heterointerfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23416-23425.	3.3	29
23	The Mechanism of Doping PEDOT:PSS by Aliphatic Polyamines. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24328-24337.	1.5	37
24	Molecular Design Principles for Achieving Strong Chiroptical Properties of Fluorene Copolymers in Thin Films. <i>Chemistry of Materials</i> , 2019, 31, 6633-6641.	3.2	52
25	Chiral Excitonic Organic Photodiodes for Direct Detection of Circular Polarized Light. <i>Advanced Functional Materials</i> , 2019, 29, 1900684.	7.8	80
26	Effect of Charge-Transfer State Energy on Charge Generation Efficiency via Singlet Fission in Pentacene-Fullerene Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 10253-10261.	1.5	15
27	Bis(arylimidazole) Iridium Picolinate Emitters and Preferential Dipole Orientation in Films. <i>ACS Omega</i> , 2018, 3, 2673-2682.	1.6	6
28	The effect of oxygen on the efficiency of planar $\mu\text{-CH}_3\text{-n}$ metal halide perovskite solar cells with a PEDOT:PSS hole transport layer. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6882-6890.	5.2	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. <i>Journal of Chemical Physics</i> , 2018, 148, 114703.	1.2	1
30	Photoswitchable Nanomaterials Based on Hierarchically Organized Siloxane Oligomers. <i>Advanced Functional Materials</i> , 2018, 28, 1703952.	7.8	86
31	Effects of fluorination and thermal annealing on charge recombination processes in polymer bulk-heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19520-19531.	5.2	5
32	Improving Performance of All-Polymer Solar Cells Through Backbone Engineering of Both Donors and Acceptors. <i>Solar Rrl</i> , 2018, 2, 1800247.	3.1	17
33	Near-Infrared Tandem Organic Photodiodes for Future Application in Artificial Retinal Implants. <i>Advanced Materials</i> , 2018, 30, e1804678.	11.1	66
34	Amplifying Chiroptical Properties of Conjugated Polymer Thin-Film Using an Achiral Additive. <i>Macromolecules</i> , 2018, 51, 5883-5890.	2.2	28
35	Ferroelectric switching and electrochemistry of pyrrole substituted trialkylbenzene-1,3,5-tricarboxamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 673-683.	2.4	13
36	Increasing the horizontal orientation of transition dipole moments in solution processed small molecular emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6555-6562.	2.7	22

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37	Thiophene Rings Improve the Device Performance of Conjugated Polymers in Polymer Solar Cells with Thick Active Layers. <i>Advanced Energy Materials</i> , 2017, 7, 1700519.	10.2	49
38	High Circular Polarization of Electroluminescence Achieved via Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. <i>ACS Nano</i> , 2017, 11, 12713-12722.	7.3	197
39	Pitch and Handedness of the Cholesteric Order in Films of a Chiral Alternating Fluorene Copolymer. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11520-11527.	1.2	26
40	Reflection of light by anisotropic molecular crystals including exciton-polaritons and spatial dispersion. <i>Journal of Chemical Physics</i> , 2016, 145, 194703.	1.2	11
41	Optical modulation of nano-gap tunnelling junctions comprising self-assembled monolayers of hemicyanine dyes. <i>Nature Communications</i> , 2016, 7, 11749.	5.8	35
42	Reflection and extinction of light by self-assembled monolayers of a quinque-thiophene derivative: A coherent scattering approach. <i>Journal of Chemical Physics</i> , 2016, 144, 214302.	1.2	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. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5747-5754.	2.7	26
44	Space charge limitation on the response time of organic photodiodes. <i>Organic Electronics</i> , 2016, 34, 218-222.	1.4	6
45	Solvent-Induced Galvanoluminescence of Metal-Organic Framework Electroluminescent Diodes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11045-11048.	1.5	12
46	Pathway Complexity in the Enantioselective Self-Assembly of Functional Carbonyl-Bridged Triarylamine Trisamides. <i>Journal of the American Chemical Society</i> , 2016, 138, 10539-10545.	6.6	127
47	Transition dipole moment orientation in films of solution processed fluorescent oligomers: investigating the influence of molecular anisotropy. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6302-6308.	2.7	17
48	Unipolar resistive switching in metal oxide/organic semiconductor non-volatile memories as a critical phenomenon. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	10
49	Sudden death of organic light-emitting diodes. <i>Organic Electronics</i> , 2015, 20, 89-96.	1.4	9
50	Charge trapping at the polymer-metal oxide interface as a first step in the electroforming of organic-inorganic memory diodes. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
51	Photovoltaic action in a self-assembled monolayer of hemicyanine dyes on gold from dissociation of surface plasmons. <i>Applied Physics Letters</i> , 2015, 106, 183303.	1.5	4
52	Electrical conduction of LiF interlayers in organic diodes. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	10
53	Lithium fluoride injection layers can form quasi-Ohmic contacts for both holes and electrons. <i>Applied Physics Letters</i> , 2014, 105, 123302.	1.5	17
54	Relation between the electroforming voltage in alkali halide-polymer diodes and the bandgap of the alkali halide. <i>Applied Physics Letters</i> , 2014, 105, 233502.	1.5	5

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55	Bulk photovoltaic effect in an organic polar crystal. <i>Chemical Communications</i> , 2014, 50, 6530.	2.2	10
56	The Role of Photon Energy in Free Charge Generation in Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400416.	10.2	12
57	Photoluminescence quenching in films of conjugated polymers by electrochemical doping. <i>Physical Review B</i> , 2014, 89, .	1.1	40
58	Effect of the Fibrillar Microstructure on the Efficiency of High Molecular Weight Diketopyrrolopyrrole-Based Polymer Solar Cells. <i>Advanced Materials</i> , 2014, 26, 1565-1570.	11.1	207
59	Optical imaging as an expansion of nuclear medicine: Cerenkov-based luminescence vs fluorescence-based luminescence. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1283-1291.	3.3	89
60	Photovoltaic Effect in Self-Assembled Molecular Monolayers on Gold: Influence of Orbital Energy Level Alignment on Short-Circuit Current Generation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16820-16829.	1.5	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. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3210-3220.	1.5	10
63	Synthesis and Optical Properties of Pyrrolo[3,2- <i>b</i>]pyrrole-2,5(1 <i>H</i> ,4 <i>H</i>)-dione (iDPP)-Based Molecules. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2782-2789.	1.1	26
64	Intramolecular Excimer Formation between 3,6-Di(thiophen-2-yl)pyrrolo[3,4- <i>c</i>]pyrrole-1,4(2 <i>H</i> ,5 <i>H</i>)-dione Chromophoric Groups Linked by a Flexible Alkyl Spacer. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4828-4837.	1.1	23
65	Simultaneous Open-Circuit Voltage Enhancement and Short-Circuit Current Loss in Polymer: Fullerene Solar Cells Correlated by Reduced Quantum Efficiency for Photoinduced Electron Transfer. <i>Advanced Energy Materials</i> , 2013, 3, 85-94.	10.2	77
66	Reversible post-breakdown conduction in aluminum oxide-polymer capacitors. <i>Applied Physics Letters</i> , 2013, 102, 153509.	1.5	4
67	Evidence for space-charge-limited conduction in organic photovoltaic cells at open-circuit conditions. <i>Physical Review B</i> , 2013, 87, .	1.1	17
68	The role of internal structure in the anomalous switching dynamics of metal-oxide/polymer resistive random access memories. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	11
69	Low-Frequency Diffusion Noise in Resistive-Switching Memories Based on Metal-Oxide Polymer Structure. <i>IEEE Transactions on Electron Devices</i> , 2012, 59, 2483-2487.	1.6	16
70	Intrinsic and extrinsic resistive switching in a planar diode based on silver oxide nanoparticles. <i>Thin Solid Films</i> , 2012, 522, 407-411.	0.8	14
71	Optical Properties of Oligothiophene Substituted Diketopyrrolopyrrole Derivatives in the Solid Phase: Joint J- and H-Type Aggregation. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7927-7936.	1.1	114
72	Insights from Chiral Polyfluorene on the Unification of Molecular Exciton and Cholesteric Liquid Crystal Theories for Chiroptical Phenomena. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1121-1128.	1.1	28

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73	Role of Hole Injection in Electroforming of LiF-Polymer Memory Diodes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12443-12447.	1.5	10
74	Photophysics of Self-Assembled Monolayers of a π -Conjugated Quinquethiophene Derivative. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7645-7650.	1.1	12
75	Effect of PCBM on the Photodegradation Kinetics of Polymers for Organic Photovoltaics. <i>Chemistry of Materials</i> , 2012, 24, 4397-4405.	3.2	73
76	Circular Dichroism Probed by Two-Photon Fluorescence Microscopy in Enantiopure Chiral Polyfluorene Thin Films. <i>Journal of the American Chemical Society</i> , 2012, 134, 5832-5835.	6.6	28
77	Route towards huge magnetoresistance in doped polymers. <i>Physical Review B</i> , 2012, 86, .	1.1	24
78	Influence of Photon Excess Energy on Charge Carrier Dynamics in a Polymer-Fullerene Solar Cell. <i>Advanced Energy Materials</i> , 2012, 2, 1095-1099.	10.2	69
79	Solution-Processable Septithiophene Monolayer Transistor. <i>Advanced Materials</i> , 2012, 24, 973-978.	11.1	56
80	Electroforming Process in Metal-Oxide-Polymer Resistive Switching Memories. <i>International Federation for Information Processing</i> , 2012, , 527-534.	0.4	0
81	Delayed Fluorescence in Perhydrotriphenylene-Oligothiophene Inclusion Compounds: Evidence for Molecular Oxygen-Related Excited States. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7966-7971.	1.1	4
82	Spontaneous Formation of Left- and Right-Handed Cholesterically Ordered Domains in an Enantiopure Chiral Polyfluorene Film. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1359-1362.	2.1	15
83	Circular Selective Reflection of Light Proving Cholesteric Ordering in Thin Layers of Chiral Fluorene Polymers. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1497-1501.	2.1	28
84	Anomalous temperature dependence of the current in a metal-oxide-polymer resistive switching diode. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 025103.	1.3	9
85	Switching speed in Resistive Random Access Memories (RRAMS) based on plastic semiconductor. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1337, 27.	0.1	0
86	Non-volatile memory device using a polymer modified nanocrystal. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 1552-1555.	1.7	3
87	Formation of metastable charges as a first step in photoinduced degradation in π -conjugated polymer:fullerene blends for photovoltaic applications. <i>Organic Electronics</i> , 2011, 12, 1657-1662.	1.4	60
88	Opto-electronic characterization of electron traps upon forming polymer oxide memory diodes. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	13
89	Polymer Photovoltaic Cells Sensitive to the Circular Polarization of Light. <i>Advanced Materials</i> , 2010, 22, E131-4.	11.1	76
90	Improved Film Morphology Reduces Charge Carrier Recombination into the Triplet Excited State in a Small Bandgap Polymer-Fullerene Photovoltaic Cell. <i>Advanced Materials</i> , 2010, 22, 4321-4324.	11.1	151

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91	Dual-emissive quantum dots for multispectral intraoperative fluorescence imaging. <i>Biomaterials</i> , 2010, 31, 6823-6832.	5.7	38
92	Trapping of electrons in metal oxide-polymer memory diodes in the initial stage of electroforming. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	17
93	Atomic Force Microscopy Nanomanipulation of Shape Persistent, Spherical, Self-Assembled Aggregates of Gold Nanoparticles. <i>ACS Nano</i> , 2010, 4, 6501-6508.	7.3	5
94	Probing Charge Carrier Density in a Layer of Photodoped ZnO Nanoparticles by Spectroscopic Ellipsometry. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14804-14810.	1.5	57
95	Resistive switching in nanostructured thin films. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	25
96	The Energy of Charge Transfer States in Electron Donor-Acceptor Blends: Insight into the Energy Losses in Organic Solar Cells. <i>Advanced Functional Materials</i> , 2009, 19, 1939-1948.	7.8	907
97	Large Photoinduced Circular Dichroism in Chiral Polyfluorene. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10891-10894.	1.1	7
98	Intensive Chiroptical Properties of Chiral Polyfluorenes Associated with Fibril Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14047-14051.	1.2	21
99	Anisotropic Dielectric Tensor for Chiral Polyfluorene at Optical Frequencies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14165-14171.	1.2	11
100	Helical Aromatic Oligoamide Foldamers as Organizational Scaffolds for Photoinduced Charge Transfer. <i>Journal of the American Chemical Society</i> , 2009, 131, 4819-4829.	6.6	95
101	$\hat{\rho}^2$ Phase in Chiral Polyfluorene Forms via a Precursor. <i>Macromolecules</i> , 2009, 42, 4220-4223.	2.2	20
102	Exciton Diffusion Length and Lifetime in Subphthalocyanine Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2974-2979.	1.5	66
103	Switching dynamics in non-volatile polymer memories. <i>Organic Electronics</i> , 2008, 9, 829-833.	1.4	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	8.7	23
105	Using circularly polarized luminescence to probe exciton coherence in disordered helical aggregates. <i>Journal of Chemical Physics</i> , 2008, 129, 024704.	1.2	24
106	Compositional and Electric Field Dependence of the Dissociation of Charge Transfer Excitons in Alternating Polyfluorene Copolymer/Fullerene Blends. <i>Journal of the American Chemical Society</i> , 2008, 130, 7721-7735.	6.6	544
107	Molecular recognition in bisurea thermoplastic elastomers studied with pyrene-based fluorescent probes and atomic force microscopy. <i>Chemical Communications</i> , 2008, , 3915.	2.2	27
108	Disk micelles from amphiphilic Janus gold nanoparticles. <i>Chemical Communications</i> , 2008, , 697-699.	2.2	42

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109	Resistive Switching in Organic Memories with a Spin-Coated Metal Oxide Nanoparticle Layer. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5254-5257.	1.5	38
110	Triplet Formation Involving a Polar Transition State in a Well-Defined Intramolecular Perylenediimide Dimeric Aggregate. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5846-5857.	1.1	103
111	EDOT-Type Materials: Planar but Not Rigid. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13282-13286.	1.1	36
112	The Mechanism of Long-Range Exciton Diffusion in a Nematically Organized Porphyrin Layer. <i>Journal of the American Chemical Society</i> , 2008, 130, 12496-12500.	6.6	37
113	Enhanced Intersystem Crossing via a High Energy Charge Transfer State in a Perylenediimide-Perylenemonoimide Dyad. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8617-8632.	1.1	61
114	Probing Excitation Delocalization in Supramolecular Chiral Stacks by Means of Circularly Polarized Light: Experiment and Modeling. <i>Journal of the American Chemical Society</i> , 2007, 129, 7044-7054.	6.6	112
115	Circular Differential Scattering of Light in Films of Chiral Polyfluorene. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5124-5131.	1.2	39
116	Highly Luminescent CdTe/CdSe Colloidal Heteronanocrystals with Temperature-Dependent Emission Color. <i>Journal of the American Chemical Society</i> , 2007, 129, 14880-14886.	6.6	167
117	Surface Modification of Zinc Oxide Nanoparticles Influences the Electronic Memory Effects in ZnO-Polystyrene Diodes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10150-10153.	1.5	30
118	Phosphorescent Resonant Energy Transfer between Iridium Complexes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1381-1388.	1.1	40
119	Reproducible resistive switching in nonvolatile organic memories. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	126
120	Donor-Functionalized Polydentate Pyrylium Salts and Phosphinines: Synthesis, Structural Characterization, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2007, 13, 4548-4559.	1.7	87
121	Self-Assembled Hybrid Oligo(p-phenylenevinylene)-Gold Nanoparticle Tapes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1825-1828.	7.2	117
122	Macroscopic Origin of Circular Dichroism Effects by Alignment of Self-Assembled Fibers in Solution. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8203-8205.	7.2	206
123	Energy Transfer and Polarized Emission in Cadmium Selenide Nanocrystal Solids with Mixed Dimensionality. <i>Advanced Functional Materials</i> , 2007, 17, 3829-3835.	7.8	26
124	Picosecond energy transfer in oligo(p-phenylene vinylene) capped gold nanoparticles. <i>Chemical Physics Letters</i> , 2007, 433, 340-344.	1.2	7
125	The chiroptical properties of chiral substituted poly[3-((3S)-3,7-dimethyloctyl)thiophene] as a function of film thickness. <i>Chemical Physics Letters</i> , 2007, 437, 193-197.	1.2	24
126	Photoinduced absorption spectroscopy on MDMO-PPV:PCBM solar cells under operation. <i>Organic Electronics</i> , 2007, 8, 325-335.	1.4	12

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127	Charge Transfer Absorption for π -Conjugated Polymers and Oligomers Mixed with Electron Acceptors. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5076-5081.	1.2	79
128	Electronic memory effects in diodes of zinc oxide nanoparticles in a matrix of polystyrene or poly(3-hexylthiophene). <i>Journal of Applied Physics</i> , 2007, 102, .	1.1	92
129	Synthesis and properties of π -phenyl-capped bithiophene derivatives. <i>Journal of Materials Chemistry</i> , 2006, 16, 4335-4342.	6.7	17
130	Influence of Intermolecular Orientation on the Photoinduced Charge Transfer Kinetics in Self-Assembled Aggregates of Donor-Acceptor Arrays. <i>Journal of the American Chemical Society</i> , 2006, 128, 649-657.	6.6	171
131	The Importance of Nanoscopic Ordering on the Kinetics of Photoinduced Charge Transfer in Aggregated π -Conjugated Hydrogen-Bonded Donor-Acceptor Systems. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16967-16978.	1.2	57
132	Electronic memory effects in diodes from a zinc oxide nanoparticle-polystyrene hybrid material. <i>Applied Physics Letters</i> , 2006, 89, 102103.	1.5	136
133	Large Area Liquid Crystal Monodomain Field-Effect Transistors. <i>Journal of the American Chemical Society</i> , 2006, 128, 2336-2345.	6.6	222
134	Synthesis and Characterization of Long Perylenediimide Polymer Fibers: From Bulk to the Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7803-7812.	1.2	55
135	Probing a Conjugated Polymer's Transfer of Organization-Dependent Properties from Solutions to Films. <i>Journal of the American Chemical Society</i> , 2006, 128, 9030-9031.	6.6	186
136	Electronic Memory Effects in a Sexithiophene-Poly(ethylene oxide) Block Copolymer Doped with NaCl. Combined Diode and Resistive Switching Behavior. <i>Chemistry of Materials</i> , 2006, 18, 2707-2712.	3.2	59
137	Fractal-like Self-Assembly of Oligo(p-phenylene vinylene) Capped Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 686-687.	6.6	53
138	Solvent Mediated Intramolecular Photoinduced Electron Transfer in a Fluorene-Perylene Bisimide Derivative. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12363-12371.	1.1	33
139	High-Resolution Electronic Spectra of Ethylenedioxythiophene Oligomers. <i>Journal of the American Chemical Society</i> , 2006, 128, 17007-17017.	6.6	57
140	Electro-optical studies on MDMO-PPV:PCBM bulk-heterojunction solar cells on the millisecond time scale: Trapped carriers. <i>Organic Electronics</i> , 2006, 7, 213-221.	1.4	16
141	Photoinduced charge and energy transfer in dye-doped conjugated polymers. <i>Thin Solid Films</i> , 2006, 511-512, 581-586.	0.8	32
142	Triplet formation from the charge-separated state in blends of MDMO-PPV with cyano-containing acceptor polymers. <i>Thin Solid Films</i> , 2006, 511-512, 333-337.	0.8	28
143	Electronic Memory Effects in Zinc Oxide Nanoparticle -Polystyrene Devices with a Calcium Top Electrode. <i>Materials Research Society Symposia Proceedings</i> , 2006, 965, 1.	0.1	0
144	Time delayed collection field experiments on polymer: Fullerene bulk-heterojunction solar cells. <i>Journal of Applied Physics</i> , 2006, 100, 074509.	1.1	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
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