

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
g-index

225
all docs

225
docs citations

225
times ranked

11936
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Supramolecular π -Heterojunctions by Co-Self-Organization of Oligo(p-phenylene Vinylene) and Perylene Bisimide Dyes. <i>Journal of the American Chemical Society</i> , 2004, 126, 10611-10618.	6.6	400
4	Circularly Polarized Electroluminescence from Liquid-Crystalline Chiral Polyfluorenes. <i>Advanced Materials</i> , 2000, 12, 362-365.	11.1	283
5	Circular Dichroism and Circular Polarization of Photoluminescence of Highly Ordered Poly{3,4-di[(S)-2-methylbutoxy]thiophene}. <i>Journal of the American Chemical Society</i> , 1996, 118, 4908-4909.	6.6	279
6	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
7	Large Area Liquid Crystal Monodomain Field-Effect Transistors. <i>Journal of the American Chemical Society</i> , 2006, 128, 2336-2345.	6.6	222
8	Supramolecular Organization of π -Disubstituted Sexithiophenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 1269-1275.	6.6	211
9	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
10	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
11	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
12	Alternating Oligo(p-phenylene vinylene)-Perylene Bisimide Copolymers: Synthesis, Photophysics, and Photovoltaic Properties of a New Class of Donor-Acceptor Materials. <i>Journal of the American Chemical Society</i> , 2003, 125, 8625-8638.	6.6	195
13	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
14	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
15	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
16	Dispersive Relaxation Dynamics of Photoexcitations in a Polyfluorene Film Involving Energy Transfer: Experiment and Monte Carlo Simulations. <i>Journal of Physical Chemistry B</i> , 2001, 105, 9139-9149.	1.2	154
17	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
18	Photoinduced Energy and Electron Transfer in Fullerene-Oligothiophene-Fullerene Triads. <i>Journal of Physical Chemistry A</i> , 2000, 104, 5974-5988.	1.1	146

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19	Electronic memory effects in diodes from a zinc oxide nanoparticle-polystyrene hybrid material. <i>Applied Physics Letters</i> , 2006, 89, 102103.	1.5	136
20	Spontaneous Formation of Chirality in J-Aggregates Showing Davydov Splitting. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 760-763.	4.4	129
21	Singlet and triplet excitations of chiral dialkoxy-p-phenylene vinylene oligomers. <i>Journal of Chemical Physics</i> , 2000, 112, 9445-9454.	1.2	128
22	Exciplex dynamics in a blend of π -conjugated polymers with electron donating and accepting properties: MDMO-PPV and PCNEPV. <i>Physical Review B</i> , 2005, 72, .	1.1	127
23	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
24	Reproducible resistive switching in nonvolatile organic memories. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	126
25	Investigation of Exciton Coupling in Oligothiophenes by Circular Dichroism Spectroscopy. <i>Advanced Materials</i> , 1998, 10, 1343-1348.	11.1	119
26	Self-Assembled Hybrid Oligo(p-phenylenevinylene)–Gold Nanoparticle Tapes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1825-1828.	7.2	117
27	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
28	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
29	Photoluminescence of Self-organized Perylene Bisimide Polymers. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 217-222.	1.1	107
30	The Chiroptical Properties of a Thermally Annealed Film of Chiral Substituted Polyfluorene Depend on Film Thickness. <i>Advanced Materials</i> , 2003, 15, 1435-1438.	11.1	106
31	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
32	Efficient Energy Transfer in Mixed Columnar Stacks of Hydrogen-Bonded Oligo(p-phenylene vinylene)s in Solution. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1976-1979.	7.2	99
33	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
34	Monte-Carlo simulations of geminate electron–hole pair dissociation in a molecular heterojunction: a two-step dissociation mechanism. <i>Chemical Physics</i> , 2005, 308, 125-133.	0.9	93
35	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
36	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

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37	Impact of polymorphism on the optoelectronic properties of a low-bandgap semiconducting polymer. <i>Nature Communications</i> , 2019, 10, 2867.	5.8	89
38	Photoinduced Electron Transfer in a Mesogenic Donor–Acceptor–Donor System. <i>Chemistry - A European Journal</i> , 2002, 8, 4470-4474.	1.7	88
39	On the Origin of Dark Current in Organic Photodiodes. <i>Advanced Optical Materials</i> , 2020, 8, 1901568.	3.6	88
40	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
41	Photoswitchable Nanomaterials Based on Hierarchically Organized Siloxane Oligomers. <i>Advanced Functional Materials</i> , 2018, 28, 1703952.	7.8	86
42	Long-Lived Charge-Transfer State from B–N Frustrated Lewis Pairs Enchained in Supramolecular Copolymers. <i>Journal of the American Chemical Society</i> , 2020, 142, 16681-16689.	6.6	86
43	Circularly Polarized Photoluminescence from Chiral Perovskite Thin Films at Room Temperature. <i>ACS Nano</i> , 2020, 14, 7610-7616.	7.3	86
44	Orientalional Effect on the Photophysical Properties of Quaterthiophene–C60 Dyads. <i>Chemistry - A European Journal</i> , 2002, 8, 5415-5429.	1.7	81
45	Electrically Rewritable Memory Cells from Poly(3-hexylthiophene) Schottky Diodes. <i>Advanced Materials</i> , 2005, 17, 1169-1173.	11.1	80
46	Excitation Migration along Oligophenylenevinylene-Based Chiral Stacks: Delocalization Effects on Transport Dynamics. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10594-10604.	1.2	80
47	Chiral Excitonic Organic Photodiodes for Direct Detection of Circular Polarized Light. <i>Advanced Functional Materials</i> , 2019, 29, 1900684.	7.8	80
48	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
49	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
50	Polymer Photovoltaic Cells Sensitive to the Circular Polarization of Light. <i>Advanced Materials</i> , 2010, 22, E131-4.	11.1	76
51	Charge recombination in a poly(para-phenylene vinylene)-fullerene derivative composite film studied by transient, nonresonant, hole-burning spectroscopy. <i>Journal of Chemical Physics</i> , 2003, 119, 10924-10929.	1.2	73
52	Effect of PCBM on the Photodegradation Kinetics of Polymers for Organic Photovoltaics. <i>Chemistry of Materials</i> , 2012, 24, 4397-4405.	3.2	73
53	Comparison of the chain length dependence of the singlet- and triplet-excited states of oligofluorenes. <i>Chemical Physics Letters</i> , 2005, 411, 273-277.	1.2	71
54	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

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55	Phosphorescence and Triplet State Energies of Oligothiophenes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4410-4415.	1.2	67
56	Exciton Diffusion Length and Lifetime in Subphthalocyanine Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2974-2979.	1.5	66
57	Near-Infrared Tandem Organic Photodiodes for Future Application in Artificial Retinal Implants. <i>Advanced Materials</i> , 2018, 30, e1804678.	11.1	66
58	Charge Separation and Recombination in Photoexcited Oligo(p-phenylene vinylene)-Perylene Bisimide Arrays Close to the Marcus Inverted Region. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6933-6937.	1.1	64
59	Circular Polarization of the Fluorescence from Films of Poly(p-phenylene vinylene) and Polythiophene with Chiral Side Chains. <i>Advanced Materials</i> , 2000, 12, 589-594.	11.1	63
60	Relaxation of photo-excitations in films of oligo- and poly-(para-phenylene vinylene) derivatives. <i>Chemical Physics</i> , 2000, 260, 415-439.	0.9	63
61	Spontane Bildung von optischer Aktivität in Aggregaten mit Davydov-Aufspaltung. <i>Angewandte Chemie</i> , 1996, 108, 827-830.	1.6	61
62	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
63	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
64	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
65	Photoinduced energy and electron transfer in oligo(p-phenylene vinylene)-fullerene dyads. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 41-46.	1.1	59
66	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
67	Time-resolved fluorescence studies and Monte Carlo simulations of relaxation dynamics of photoexcitations in a polyfluorene film. <i>Chemical Physics Letters</i> , 2001, 339, 223-228.	1.2	58
68	Supramolecular Control over Donor-Acceptor Photoinduced Charge Separation. <i>Journal of the American Chemical Society</i> , 2004, 126, 9630-9644.	6.6	58
69	Chiroptical Properties of an Optically Pure Dicopper(I) Trefoil Knot and Its Enantioselectivity in Luminescence Quenching Reactions. <i>Chemistry - A European Journal</i> , 2000, 6, 2129-2134.	1.7	57
70	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
71	High-Resolution Electronic Spectra of Ethylenedioxythiophene Oligomers. <i>Journal of the American Chemical Society</i> , 2006, 128, 17007-17017.	6.6	57
72	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

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73	Solution-processable Septithiophene Monolayer Transistor. <i>Advanced Materials</i> , 2012, 24, 973-978.	11.1	56
74	Remarkable Solvent-Dependent Excited-State Chirality: A Molecular Modulator of Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2003, 125, 15659-15665.	6.6	55
75	Synthesis and Characterization of Long Perylene-diimide Polymer Fibers: From Bulk to the Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7803-7812.	1.2	55
76	Infrared Detectors with Poly(3,4-ethylenedioxy thiophene)/Poly(styrene sulfonic acid) (PEDOT/PSS) as the Active Material. <i>Advanced Materials</i> , 2003, 15, 613-616.	11.1	53
77	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
78	Enantioselective Quenching of Luminescence: A Molecular Recognition of Chiral Lanthanide Complexes by Biomolecules in Solution. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4589-4599.	1.1	52
79	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
80	Chiroptical properties of chiral-substituted polyfluorenes. <i>Synthetic Metals</i> , 2000, 111-112, 575-577.	2.1	51
81	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
82	Analysis of enantioselective quenching of tris(2,6-pyridinedicarboxylate)terbium(3-) luminescence by resolved tris(1,10-phenanthroline)ruthenium(2+) in methanol and in water. <i>The Journal of Physical Chemistry</i> , 1992, 96, 1112-1120.	2.9	48
83	Hydrogen-Deuterium Exchange of Streptavidin and Its Complex with Biotin Studied by 2D-Attenuated Total Reflection Fourier Transform Infrared Spectroscopy. <i>Journal of the American Chemical Society</i> , 1999, 121, 5115-5122.	6.6	48
84	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
85	Ionic strength dependence of the enantioselective quenching of tris(2,6-pyridinedicarboxylate)terbium(3-) luminescence by resolved tris(1,10-phenanthroline)ruthenium(2+). <i>The Journal of Physical Chemistry</i> , 1992, 96, 5725-5733.	2.9	44
86	Towards supramolecular electronics. <i>Synthetic Metals</i> , 2004, 147, 43-48.	2.1	44
87	Spectroscopic characterization of p-phenylene vinylene (PV) oligomers. Part I: A homologous series of 2,5-diheptyloxy substituted PV-oligomers. <i>Chemical Physics</i> , 2003, 294, 1-15.	0.9	43
88	Singlet-energy transfer in quadruple hydrogen-bonded oligo(p-phenylenevinylene)perylene-diimide dyads. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 198-203.	1.5	43
89	Disk micelles from amphiphilic Janus gold nanoparticles. <i>Chemical Communications</i> , 2008, , 697-699.	2.2	42
90	Phosphorescent Resonant Energy Transfer between Iridium Complexes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1381-1388.	1.1	40

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91	Photoluminescence quenching in films of conjugated polymers by electrochemical doping. <i>Physical Review B</i> , 2014, 89, .	1.1	40
92	Circular Differential Scattering of Light in Films of Chiral Polyfluorene. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5124-5131.	1.2	39
93	Electronic Structure and Optical Properties of Mixed Phenylene Vinylene/Phenylene Ethynylene Conjugated Oligomers. <i>Chemistry of Materials</i> , 2002, 14, 1362-1368.	3.2	38
94	Analysis of the vibronic fine structure in circularly polarized emission spectra from chiral molecular aggregates. <i>Journal of Chemical Physics</i> , 2004, 120, 10594-10604.	1.2	38
95	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
96	Dual-emissive quantum dots for multispectral intraoperative fluorescence imaging. <i>Biomaterials</i> , 2010, 31, 6823-6832.	5.7	38
97	Photoinduced Multistep Energy and Electron Transfer in an Oligoaniline~Oligo(p-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj	1.1	37
98	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
99	The Mechanism of Dedoping PEDOT:PSS by Aliphatic Polyamines. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24328-24337.	1.5	37
100	EDOT-Type Materials: Planar but Not Rigid. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13282-13286.	1.1	36
101	Optical modulation of nano-gap tunnelling junctions comprising self-assembled monolayers of hemicyanine dyes. <i>Nature Communications</i> , 2016, 7, 11749.	5.8	35
102	Charge Transfer Kinetics in Fullerene~Oligomer~Fullerene Triads Containing Alkylpyrrole Units. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6218-6224.	1.1	34
103	Spectroscopic characterization of p-phenylene vinylene (PV) oligomers. Part II: Selected 2,5-diheptyl substituted PV-oligomers. <i>Chemical Physics</i> , 2003, 294, 17-30.	0.9	33
104	Photoinduced Multistep Electron Transfer in an Oligoaniline~Oligo(p-phenylene Vinylene)~Perylene Diimide Molecular Array. <i>Journal of Physical Chemistry A</i> , 2004, 108, 8201-8211.	1.1	33
105	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
106	Circular Polarization of Luminescence as a Tool To Study Molecular Dynamical Processes. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	33
107	Photoinduced charge and energy transfer in dye-doped conjugated polymers. <i>Thin Solid Films</i> , 2006, 511-512, 581-586.	0.8	32
108	Consequences of Chirality in Directing the Pathway of Cholesteric Helix Inversion of ~Conjugated Polymers by Light. <i>Advanced Materials</i> , 2021, 33, e2005720.	11.1	32

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109	Thermally Induced Transient Absorption of Light by Poly(3,4-ethylenedioxythiophene):Poly(styrene) Tj ETQq1 1 0.784314 rgBT /Overlo Functional Materials, 2003, 13, 805-810.	7.8	31
110	Surface Modification of Zinc Oxide Nanoparticles Influences the Electronic Memory Effects in ZnO~Polystyrene Diodes. Journal of Physical Chemistry C, 2007, 111, 10150-10153.	1.5	30
111	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.	3.3	29
112	Interchromophoric Coupling in Oligo(p-phenylenevinylene)-Substituted Poly(propyleneimine) Dendrimers. Journal of Physical Chemistry A, 2001, 105, 10220-10229.	1.1	28
113	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.	0.8	28
114	Circular Selective Reflection of Light Proving Cholesteric Ordering in Thin Layers of Chiral Fluorene Polymers. Journal of Physical Chemistry Letters, 2011, 2, 1497-1501.	2.1	28
115	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.	1.1	28
116	Circular Dichroism Probed by Two-Photon Fluorescence Microscopy in Enantiopure Chiral Polyfluorene Thin Films. Journal of the American Chemical Society, 2012, 134, 5832-5835.	6.6	28
117	Amplifying Chiroptical Properties of Conjugated Polymer Thin-Film Using an Achiral Additive. Macromolecules, 2018, 51, 5883-5890.	2.2	28
118	Molecular recognition in bisurea thermoplastic elastomers studied with pyrene-based fluorescent probes and atomic force microscopy. Chemical Communications, 2008, , 3915.	2.2	27
119	The effect of oxygen on the efficiency of planar p~n metal halide perovskite solar cells with a PEDOT:PSS hole transport layer. Journal of Materials Chemistry A, 2018, 6, 6882-6890.	5.2	27
120	Thermodynamics of the enantioselective quenching of tris(2,6-pyridinedicarboxylate)terbate(3-) luminescence by resolved tris(1,10-phenanthroline)ruthenium(2+). The Journal of Physical Chemistry, 1993, 97, 3875-3884.	2.9	26
121	Energy Transfer and Polarized Emission in Cadmium Selenide Nanocrystal Solids with Mixed Dimensionality. Advanced Functional Materials, 2007, 17, 3829-3835.	7.8	26
122	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. Journal of Physical Chemistry A, 2013, 117, 2782-2789.	1.1	26
123	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.	2.7	26
124	Pitch and Handedness of the Cholesteric Order in Films of a Chiral Alternating Fluorene Copolymer. Journal of Physical Chemistry B, 2017, 121, 11520-11527.	1.2	26
125	Effect of Light-Induced Halide Segregation on the Performance of Mixed-Halide Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 6650-6658.	2.5	26
126	Resistive switching in nanostructured thin films. Applied Physics Letters, 2009, 94, .	1.5	25

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127	Time-Resolved Polarization of Luminescence Spectroscopy: An Accurate and Versatile Digital Instrument for the Sub-1/4s Time Domain. <i>Applied Spectroscopy</i> , 1993, 47, 731-740.	1.2	24
128	Chiral Recognition between Dissymmetric Tb- and Eu(pyridine-2,6-dicarboxylate) ₃ -Complexes and Fe(III) Proteins in Aqueous Solution. Luminescence Quenching by Cytochrome c from Horse Heart and Cytochrome c-550 from <i>Thiobacillus versutus</i> and Its Lys14 → Glu and Lys99 → Glu Mutants. <i>The Journal of Physical Chemistry</i> , 1996, 100, 17957-17969.	2.9	24
129	Time delayed collection field experiments on polymer: Fullerene bulk-heterojunction solar cells. <i>Journal of Applied Physics</i> , 2006, 100, 074509.	1.1	24
130	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
131	Using circularly polarized luminescence to probe exciton coherence in disordered helical aggregates. <i>Journal of Chemical Physics</i> , 2008, 129, 024704.	1.2	24
132	Route towards huge magnetoresistance in doped polymers. <i>Physical Review B</i> , 2012, 86, .	1.1	24
133	Self-assembly of amphiphilic gold nanoparticles decorated with a mixed shell of oligo(p-phenylene) Tj ETQq1 1 0.784314 rgBT/Overlook	6.7	23
134	Intramolecular Excimer Formation between 3,6-Di(thiophen-2-yl)pyrrolo[3,4-c<i>/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
135	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
136	Comparison of the enantioselective quenching of the luminescence of dysprosium(III) and terbium(III) tris complexes of 2,6-pyridinedicarboxylate by resolved ruthenium(1,10-phenanthroline) ₃ ²⁺ . <i>The Journal of Physical Chemistry</i> , 1993, 97, 13519-13526.	2.9	21
137	Binding of Vitamin B12 and B12 to an Antibody and to Haptocorrin Probed by Enantioselective Quenching of Tb(pyridine-2,6-dicarboxylate) ₃ -Luminescence. <i>Journal of the American Chemical Society</i> , 1998, 120, 6413-6414.	6.6	21
138	Intensive Chiroptical Properties of Chiral Polyfluorenes Associated with Fibril Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14047-14051.	1.2	21
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