

Niyazi S Sariciftci

List of Publications by Year in descending order

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592
papers

57,438
citations

1981

104
h-index

1446

226
g-index

618
all docs

618
docs citations

618
times ranked

38606
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-infrared absorbing hydrogen-bonded dithioketopyrrolopyrrole (DTPP) n-type semiconductors. <i>Dyes and Pigments</i> , 2022, 197, 109884.	2.0	7
2	Benzoporphyrin-Based Nanocomposites for Photoelectrochemical O ₂ Reduction. <i>Israel Journal of Chemistry</i> , 2022, 62, .	1.0	0
3	The Impact of Chiral Citronellyl-Functionalization on Indolenine and Anilino Squaraine Thin Films. <i>Israel Journal of Chemistry</i> , 2022, 62, .	1.0	3
4	Substrate and pH-Dependent homogeneous electrocatalysis using riboflavin for oxygen reduction. <i>Electrochemical Science Advances</i> , 2022, 2, .	1.2	3
5	Nanometer-Thick Thiophene Monolayers as Templates for the Gas-Phase Epitaxy of Poly(3,4-Ethylenedioxythiophene) Films on Gold: Implications for Organic Electronics. <i>ACS Applied Nano Materials</i> , 2022, 5, 3194-3200.	2.4	1
6	Antraquinone and its derivatives as sustainable materials for electrochemical applications – a joint experimental and theoretical investigation of the redox potential in solution. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 16207-16219.	1.3	11
7	Lanthanide (Eu, Tb, La)-Doped ZnO Nanoparticles Synthesized Using Whey as an Eco-Friendly Chelating Agent. <i>Nanomaterials</i> , 2022, 12, 2265.	1.9	3
8	High-performance Coll-phthalocyanine-based polymer for practical heterogeneous electrochemical reduction of carbon dioxide. <i>Electrochimica Acta</i> , 2021, 367, 137506.	2.6	12
9	Low Band Gap Conjugated Semiconducting Polymers. <i>Advanced Materials Technologies</i> , 2021, 6, 2000857.	3.0	112
10	Single-Component Organic Solar Cells Based on Intramolecular Charge Transfer Photoabsorption. <i>Materials</i> , 2021, 14, 1200.	1.3	10
11	Revealing the electrocatalytic behaviour by a novel rotating ring-disc electrode (RRDE) subtraction method: A case-study on oxygen reduction using anthraquinone sulfonate. <i>Electrochemistry Communications</i> , 2021, 125, 106988.	2.3	6
12	Overcoming intra-molecular repulsions in PEDTT by sulphate counter-ion. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 985-997.	2.8	5
13	Tunable Properties of Nature-Inspired N,N ² -Alkylated Riboflavin Semiconductors. <i>Molecules</i> , 2021, 26, 27.	1.7	10
14	Immobilized Poly(antraquinones) for Electrochemical Energy Storage Applications: Structure-Property Relations. <i>ChemElectroChem</i> , 2021, 8, 4360-4370.	1.7	4
15	Highly fluorescent thin films formation by water-enhanced colloidal perovskite nanoparticles. , 2021, , .		0
16	Cofunction of Protons as Dopant and Reactant Activate the Electrocatalytic Hydrogen Evolution in Emeraldine-Polyguanine. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901364.	1.9	7
17	Controlling Quantum Confinement in Luminescent Perovskite Nanoparticles for Optoelectronic Devices by the Addition of Water. <i>ACS Applied Nano Materials</i> , 2020, 3, 1242-1249.	2.4	21
18	Immobilized Enzymes on Graphene as Nanobiocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 250-259.	4.0	56

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19	Conducting Polymer-Based Biocomposites Using Deoxyribonucleic Acid (DNA) as Counterion. <i>Advanced Materials Technologies</i> , 2020, 5, 1900699.	3.0	13
20	Localizing Binding Sites on Bioconjugated Hydrogen-Bonded Organic Semiconductors at the Nanoscale. <i>ChemPhysChem</i> , 2020, 21, 659-666.	1.0	3
21	Impedance Spectroscopy of Perovskite Solar Cells: Studying the Dynamics of Charge Carriers Before and After Continuous Operation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000291.	0.8	54
22	Are Polyaniline and Polypyrrole Electrocatalysts for Oxygen (O_2) Reduction to Hydrogen Peroxide (H_2O_2)?. <i>ACS Applied Energy Materials</i> , 2020, 3, 10611-10618.	2.5	30
23	Synthesis conditions influencing formation of MAPbBr ₃ perovskite nanoparticles prepared by the ligand-assisted precipitation method. <i>Scientific Reports</i> , 2020, 10, 15720.	1.6	26
24	Purity of organic semiconductors as a key factor for the performance of organic electronic devices. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3678-3689.	3.2	23
25	Designing Ultraflexible Perovskite X-Ray Detectors through Interface Engineering. <i>Advanced Science</i> , 2020, 7, 2002586.	5.6	44
26	Anti-Stokes photoluminescence study on a methylammonium lead bromide nanoparticle film. <i>Nanoscale</i> , 2020, 12, 16556-16561.	2.8	8
27	Universal Transfer Printing of Micelle-Templated Nanoparticles Using Plasma-Functionalized Graphene. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46530-46538.	4.0	4
28	Substrate-assisted Transfer of Nanoparticles by Graphene on Metal-Organic Interfaces. , 2020, , .		0
29	Metal-Free Hydrogen-Bonded Polymers Mimic Noble Metal Electrocatalysts. <i>Advanced Materials</i> , 2020, 32, e1902177.	11.1	24
30	Mechanically Interlocked Carbon Nanotubes as a Stable Electrocatalytic Platform for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32615-32621.	4.0	25
31	Enhanced methane producing microbial electrolysis cells for wastewater treatment using poly(neutral red) and chitosan modified electrodes. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4238-4248.	2.5	15
32	Efficient heterogeneous catalysis by pendant metalloporphyrin-functionalized polythiophenes for the electrochemical reduction of carbon dioxide. <i>New Journal of Chemistry</i> , 2020, 44, 12486-12495.	1.4	4
33	Light-Sensitive Material Structure-Electrical Performance Relationship for Optical Memory Transistors Incorporating Photochromic Dihetarylenes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32987-32993.	4.0	9
34	CO ₂ Recycling: The Conversion of Renewable Energy into Chemical Fuels. , 2020, 1, .		0
35	Indigoidine - Biosynthesized organic semiconductor. <i>Dyes and Pigments</i> , 2019, 171, 107768.	2.0	13
36	Stability of Selected Hydrogen Bonded Semiconductors in Organic Electronic Devices. <i>Chemistry of Materials</i> , 2019, 31, 6315-6346.	3.2	55

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37	Improving the Performance of Perovskite Solar Cells using a Polyphosphazene Interfacing Layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900436.	0.8	9
38	Acetylacetone Improves the Performance of Mixed Halide Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23807-23816.	1.5	12
39	Cyclic Peptide Stabilized Lead Halide Perovskite Nanoparticles. <i>Scientific Reports</i> , 2019, 9, 12966.	1.6	10
40	Proteinogenic Amino Acid Assisted Preparation of Highly Luminescent Hybrid Perovskite Nanoparticles. <i>ACS Applied Nano Materials</i> , 2019, 2, 4267-4274.	2.4	26
41	Persistent radical anions in the series of peri-arylenes: broadband light absorption until far in the NIR and purely organic magnetism. <i>Monatshefte für Chemie</i> , 2019, 150, 885-900.	0.9	4
42	Photoconductive Properties of Dibenzotetrathiafulvalene-Tetracyanoquinodimethane (DBTTF-TCNQ) Nanorods Prepared by the Reprecipitation Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4599-4602.	0.9	2
43	High temperature-stability of organic thin-film transistors based on quinacridone pigments. <i>Organic Electronics</i> , 2019, 66, 53-57.	1.4	24
44	Enhanced Bioelectrochemical Reduction of Carbon Dioxide by Using Neutral Red as a Redox Mediator. <i>ChemBioChem</i> , 2019, 20, 1196-1205.	1.3	35
45	The influence of perovskite precursor composition on the morphology and photovoltaic performance of mixed halide MAPbI ₃ -xCl _x solar cells. <i>Solar Energy</i> , 2018, 163, 215-223.	2.9	36
46	Nanofibrous cobalt oxide for electrocatalysis of CO ₂ reduction to carbon monoxide and formate in an acetonitrile-water electrolyte solution. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 163-170.	10.8	63
47	Photoelectrocatalytic Synthesis of Hydrogen Peroxide by Molecular Copper Porphyrin Supported on Titanium Dioxide Nanotubes. <i>ChemCatChem</i> , 2018, 10, 1793-1797.	1.8	26
48	Direct Electrical Neurostimulation with Organic Pigment Photocapacitors. <i>Advanced Materials</i> , 2018, 30, e1707292.	11.1	109
49	Metallic conductivity beyond the Mott minimum in PEDOT: Sulphate at low temperatures. <i>Synthetic Metals</i> , 2018, 240, 59-66.	2.1	19
50	Size control of CH ₃ NH ₃ PbBr ₃ perovskite cuboid fine crystals synthesized by ligand-free reprecipitation method. <i>Microsystem Technologies</i> , 2018, 24, 619-623.	1.2	2
51	Chemical vapor deposition - based synthesis of conductive polydopamine thin-films. <i>Thin Solid Films</i> , 2018, 645, 320-325.	0.8	51
52	Synthesis and investigation of tetraphenyltetrabenzoporphyrins for electrocatalytic reduction of carbon dioxide. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2747-2753.	2.5	6
53	X-ray study of anisotropically shaped metal halide perovskite nanoparticles in tubular pores. <i>Applied Physics Letters</i> , 2018, 113, 251901.	1.5	0
54	Ellipsometric Spectroelectrochemistry: An in Situ Insight in the Doping of Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24309-24320.	1.5	10

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55	Application of MIS-CELIV technique to measure hole mobility of hole-transport material for organic light-emitting diodes. <i>AIP Advances</i> , 2018, 8, 105001.	0.6	17
56	Novel Riboflavin-Inspired Conjugated Bio-Organic Semiconductors. <i>Molecules</i> , 2018, 23, 2271.	1.7	20
57	An electron-reservoir Re(I) complex for enhanced efficiency for reduction of CO ₂ to CO. <i>Journal of Catalysis</i> , 2018, 363, 191-196.	3.1	22
58	Degradation kinetics in different polymer/fullerene blends investigated by electron spin resonance. <i>Journal of Materials Research</i> , 2018, 33, 1853-1859.	1.2	9
59	Anthraquinone thin-film electrodes for reversible CO ₂ capture and release. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15095-15101.	5.2	27
60	Inverted (p-i-n) perovskite solar cells using a low temperature processed TiO _x interlayer. <i>RSC Advances</i> , 2018, 8, 24836-24846.	1.7	17
61	4.15 Solar Cells. , 2018, , 637-658.		4
62	Optical and electronic properties of mixed halide (X = I, Cl, Br) methylammonium lead perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1714-1723.	2.7	120
63	Organic Microboxes Prepared by Self-assembly of a Charge-transfer Dye. <i>Chemistry Letters</i> , 2017, 46, 557-559.	0.7	2
64	Adamantane substitutions: a path to high-performing, soluble, versatile and sustainable organic semiconducting materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4716-4723.	2.7	39
65	Electrochemical self-assembly of CuSCN-DAST hybrid thin films. <i>Monatshefte für Chemie</i> , 2017, 148, 845-854.	0.9	7
66	Magnetic Field Effects on the Current of PCPDTBT-based Diode. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11727-11732.	1.5	6
67	Anderson Localization and the Mott-Regel Limit in Glassy Metallic PEDOT. <i>Advanced Electronic Materials</i> , 2017, 3, 1700050.	2.6	34
68	Enhancing the c-TiO ₂ based perovskite solar cell performance via modification by a serial of boronic acid derivative self-assembled monolayers. <i>Applied Surface Science</i> , 2017, 423, 521-527.	3.1	22
69	Organic, Organometallic and Bioorganic Catalysts for Electrochemical Reduction of CO ₂ . <i>ChemPhysChem</i> , 2017, 18, 3094-3116.	1.0	29
70	Electrochemical Capture and Release of CO ₂ in Aqueous Electrolytes Using an Organic Semiconductor Electrode. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12919-12923.	4.0	20
71	Increase in electron scattering length in PEDOT:PSS by a triflic acid post-processing. <i>Monatshefte für Chemie</i> , 2017, 148, 871-877.	0.9	5
72	Biocatalytic and Bioelectrocatalytic Approaches for the Reduction of Carbon Dioxide using Enzymes. <i>Energy Technology</i> , 2017, 5, 812-821.	1.8	64

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73	Carbon dioxide conversion to synthetic fuels using biocatalytic electrodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2429-2443.	5.2	44
74	Doping-Induced Polaron Formation and Solid-State Polymerization in Benzoporphyrin π -Oligothiophene Conjugated Systems. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24397-24407.	1.5	9
75	Biofunctionalized conductive polymers enable efficient CO ₂ electroreduction. <i>Science Advances</i> , 2017, 3, e1700686.	4.7	89
76	Confining metal-halide perovskites in nanoporous thin films. <i>Science Advances</i> , 2017, 3, e1700738.	4.7	103
77	Cellular interfaces with hydrogen-bonded organic semiconductor hierarchical nanocrystals. <i>Nature Communications</i> , 2017, 8, 91.	5.8	51
78	Bio π -Electrocatalytic Application of Microorganisms for Carbon Dioxide Reduction to Methane. <i>ChemSusChem</i> , 2017, 10, 226-233.	3.6	33
79	Microwave-assisted Hydrothermal Synthesis of Structure-controlled ZnO Nanocrystals and Their Properties in Dye-sensitized Solar Cells. <i>Electrochemistry</i> , 2017, 85, 253-261.	0.6	18
80	Electrochemical Reduction of Carbon Dioxide to Methanol by Direct Injection of Electrons into Immobilized Enzymes on a Modified Electrode. <i>ChemSusChem</i> , 2016, 9, 631-635.	3.6	79
81	Hydrogen-Bonded Organic Semiconductors as Stable Photoelectrocatalysts for Efficient Hydrogen Peroxide Photosynthesis. <i>Advanced Functional Materials</i> , 2016, 26, 5248-5254.	7.8	115
82	Synthesis and Investigation of N,N TM -benzylated Epindolidione Derivatives as Organic Semiconductors. <i>ChemistrySelect</i> , 2016, 1, 6349-6355.	0.7	2
83	Photoelectrochemical Reduction of CO ₂ Using Third-Generation Conjugated Polymers. <i>ChemistrySelect</i> , 2016, 1, 1156-1162.	0.7	18
84	Photocatalysis: Hydrogen-Bonded Organic Semiconductors as Stable Photoelectrocatalysts for Efficient Hydrogen Peroxide Photosynthesis (<i>Adv. Funct. Mater.</i> 29/2016). <i>Advanced Functional Materials</i> , 2016, 26, 5247-5247.	7.8	1
85	Photovoltaic cells based on ternary P3HT:PCBM:polymethine dye active layer transparent in the visible range of light. <i>Applied Surface Science</i> , 2016, 389, 419-427.	3.1	18
86	Systematic Investigation of Porphyrin π -Thiophene Conjugates for Ternary Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1600957.	10.2	25
87	Colloids of polypyrrole nanotubes/nanorods: A promising conducting ink. <i>Synthetic Metals</i> , 2016, 221, 67-74.	2.1	32
88	Influence of molecular designs on polaronic and vibrational transitions in a conjugated push-pull copolymer. <i>Scientific Reports</i> , 2016, 6, 35096.	1.6	14
89	Spectroscopic characterization of charge carriers of the organic semiconductor quinacridone compared with pentacene during redox reactions. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10265-10278.	2.7	15
90	Improvement of Catalytic Activity by Nanofibrous CuInS ₂ for Electrochemical CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31695-31701.	4.0	24

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91	Local order drives the metallic state in PEDOT:PSS. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6982-6987.	2.7	19
92	Solution processed perovskite solar cells using highly conductive PEDOT:PSS interfacial layer. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 318-325.	3.0	69
93	Factors determining large observed increases in power conversion efficiency of P3HT:PCBM solar cells embedded with MoS ₂ nanowires. <i>Synthetic Metals</i> , 2016, 212, 105-112.	2.1	16
94	The Role of Heteroatoms Leading to Hydrogen Bonds in View of Extended Chemical Stability of Organic Semiconductors. <i>Advanced Functional Materials</i> , 2015, 25, 6679-6688.	7.8	24
95	Spectroelectrochemical Studies on Quinacridone by Using Poly(vinyl alcohol) Coating as Protection Layer. <i>ChemPhysChem</i> , 2015, 16, 2206-2210.	1.0	7
96	Ambipolar inverters with natural origin organic materials as gate dielectric and semiconducting layer. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 358-361.	1.2	8
97	Quinoxalineimide as a Novel Electron-accepting Building Block for Organic Optoelectronics. <i>Chemistry Letters</i> , 2015, 44, 1128-1130.	0.7	5
98	Electrocatalytic Reduction of Carbon Dioxide using Sol-gel Processed Copper Indium Sulfide (CIS) Immobilized on ITO-Coated Glass Electrode. <i>Electrocatalysis</i> , 2015, 6, 405-413.	1.5	14
99	Iodide-Capped PbS Quantum Dots: Full Optical Characterization of a Versatile Absorber. <i>Advanced Materials</i> , 2015, 27, 1533-1539.	11.1	14
100	Direct Electrochemical Addressing of Immobilized Alcohol Dehydrogenase for the Heterogeneous Bioelectrocatalytic Reduction of Butyraldehyde to Butanol. <i>ChemCatChem</i> , 2015, 7, 967-971.	1.8	18
101	Conducting materials prepared by the oxidation of p-phenylenediamine with p-benzoquinone. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2653-2664.	1.2	13
102	Reversible Photochemical Isomerization of <i>N,N</i> -Di(<i>n</i> -butoxycarbonyl)indigos. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3563-3568.	1.1	29
103	Using the Alkynyl-Substituted Rhenium(I) Complex (4,4'-Bisphenyl-Ethynyl-2,2'-Bipyridyl)Re(CO) ₃ Cl as Catalyst for CO ₂ Reduction—Synthesis, Characterization, and Application. <i>Electrocatalysis</i> , 2015, 6, 185-197.	1.5	22
104	CuI as versatile hole-selective contact for organic solar cell based on anthracene-containing PPE-PPV. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 369-374.	3.0	35
105	Enhanced near-infrared response of nano- and microstructured silicon/organic hybrid photodetectors. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	16
106	Flexible high power-per-weight perovskite solar cells with chromium oxide metal contacts for improved stability in air. <i>Nature Materials</i> , 2015, 14, 1032-1039.	13.3	807
107	A polydiacetylene-nested porphyrin conjugate for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2015, 39, 9228-9233.	1.4	7
108	Colloidal CuZnSnSe ₄ nanocrystals for hybrid solar cells. <i>Optical Materials</i> , 2015, 39, 103-109.	1.7	22

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109	Polycyclic anthanthrene small molecules: semiconductors for organic field-effect transistors and solar cells applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 601-606.	2.7	34
110	Role of recombination, dissociation, and competition between exciton-charge reactions in magnetoconductance of polymeric semiconductor device. <i>Journal of Applied Physics</i> , 2014, 116, 183901.	1.1	8
111	Origin of Meyer-Neldel type compensation behavior in organic semiconductors at large carrier concentrations: Disorder versus thermodynamic description. <i>Physical Review B</i> , 2014, 90, .	1.1	22
112	Substrate-Oriented Nanorod Scaffolds in Polymer-Fullerene Bulk Heterojunction Solar Cells. <i>ChemPhysChem</i> , 2014, 15, 1070-1075.	1.0	12
113	Two-Electron Carbon Dioxide Reduction Catalyzed by Rhenium(I) Bis(imino)acenaphthene Carbonyl Complexes. <i>ChemSusChem</i> , 2014, 7, 1347-1351.	3.6	23
114	Photoinduced Energy Transfer from Poly(<i>N</i> -vinylcarbazole) to Tricarbonylchloro(2,2'-bipyridyl)rhenium(I). <i>ChemPhysChem</i> , 2014, 15, 3634-3638.	1.0	8
115	Localized photovoltaic investigations on organic semiconductors and bulk heterojunction solar cells. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 054201.	2.8	1
116	Fabrication and characterization of green light emitting diode. <i>Turkish Journal of Physics</i> , 2014, 38, 509-515.	0.5	1
117	Laser ultrasonic receivers based on organic photorefractive polymer composites. <i>Applied Physics B: Lasers and Optics</i> , 2014, 114, 509-515.	1.1	16
118	Photoresistance and photo induced current hysteresis in bulk heterojunction systems P3HT-PCBM-polymethine dye. <i>Organic Electronics</i> , 2014, 15, 1105-1112.	1.4	21
119	Photosensitivity of top gate C60 based OFETs: Potential applications for high efficiency organic photodetector. <i>Organic Electronics</i> , 2014, 15, 175-181.	1.4	25
120	Origin of Electric Field Dependence of the Charge Mobility and Spatial Energy Correlations in C60-Based Field Effect Transistors. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 589, 18-28.	0.4	3
121	4% Efficient Polymer Solar Cells on Paper Substrates. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16813-16817.	1.5	85
122	Direct Electrochemical Capture and Release of Carbon Dioxide Using an Industrial Organic Pigment: Quinacridone. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6819-6822.	7.2	64
123	Anthracene-containing conjugated polymer showing four optical transitions upon doping: A spectroscopic study. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 338-346.	2.4	9
124	White organic light emitting diodes based on fluorene-carbazole dendrimers. <i>Journal of Luminescence</i> , 2014, 146, 6-10.	1.5	10
125	Photoelectrochemical scanning droplet cell microscopy for localized photovoltaic investigations on organic semiconductors. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3739.	1.3	11
126	Polydiacetylene-nested porphyrin as a potential light harvesting component in bulk heterojunction solar cells. <i>RSC Advances</i> , 2014, 4, 3045-3050.	1.7	18

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127	A Comparison of Pyridazine and Pyridine as Electrocatalysts for the Reduction of Carbon Dioxide to Methanol. <i>ChemElectroChem</i> , 2014, 1, 1543-1548.	1.7	41
128	Air-stable organic semiconductors based on 6,6-dithienylindigo and polymers thereof. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8089-8097.	2.7	56
129	Hydrogen-bonded diketopyrrolopyrrole (DPP) pigments as organic semiconductors. <i>Organic Electronics</i> , 2014, 15, 3521-3528.	1.4	99
130	Rhodium-Coordinated Poly(arylene-ethynylene)- <i>alt</i> -Poly(arylene-vinylene) Copolymer Acting as Photocatalyst for Visible-Light-Powered NAD ⁺ /NADH Reduction. <i>Journal of the American Chemical Society</i> , 2014, 136, 12721-12729.	6.6	70
131	Sol-gel derived In ₂ S ₃ buffer layers for inverted organic photovoltaic cells. <i>Solar Energy</i> , 2014, 108, 230-237.	2.9	30
132	Electrochemical Self-Assembly of Nanostructured CuSCN/Rhodamine B Hybrid Thin Film and Its Dye-Sensitized Photocathodic Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16581-16590.	1.5	28
133	Hydrogen-Bonded Organic Semiconductor Micro- And Nanocrystals: From Colloidal Syntheses to (Opto-)Electronic Devices. <i>Journal of the American Chemical Society</i> , 2014, 136, 16522-16532.	6.6	75
134	(Photo)physical Properties of New Molecular Glasses End-Capped with Thiophene Rings Composed of Diimide and Imine Units. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13070-13086.	1.5	39
135	Photoelectrochemical and Electrochemical Characterization of Sub-Micro-Gram Amounts of Organic Semiconductors Using Scanning Droplet Cell Microscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16919-16926.	1.5	12
136	Inverted bulk-heterojunction solar cell with cross-linked hole-blocking layer. <i>Organic Electronics</i> , 2014, 15, 997-1001.	1.4	41
137	Effect of Varying Thiophene Units on Charge Transport and Photovoltaic Properties of Poly(phenylene) Tj ETQq1 1 0.784314 rgBT /Ov 215, 1473-1484.	1.1	3
138	Improved Photovoltaic Performance of PPV-Based Copolymers Using Optimized Fullerene-Based Counterparts. <i>Advanced Energy Materials</i> , 2013, 3, 161-166.	10.2	23
139	Surface morphology, optical properties and conductivity changes of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) by using additives. <i>Thin Solid Films</i> , 2013, 536, 211-215.	0.8	97
140	Ultrathin, highly flexible and stretchable PLEDs. <i>Nature Photonics</i> , 2013, 7, 811-816.	15.6	832
141	On the potential of porphyrin-spiked triarylamine stars for bulk heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10524.	5.2	20
142	Reprint of: Ultrafast photoinduced electron transfer in conducting polymer-buckminsterfullerene composites. <i>Chemical Physics Letters</i> , 2013, 589, 63-66.	1.2	4
143	Comparative study of arylene bisimides substituted with imidazole side group for different dielectrics on the OFET application. <i>Synthetic Metals</i> , 2013, 172, 5-10.	2.1	6
144	Dielectric Function of Undoped and Doped Poly[2-methoxy-5-(3,7-dimethyloctyloxy)-1,4-phenylene-vinylene] by Ellipsometry in a Wide Spectral Range. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22010-22016.	1.5	18

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145	Doping-Induced Immobile Charge Carriers in Polyazomethine: A Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2584-2589.	1.5	24
146	Electrochemical characterization of sub-micro-gram amounts of organic semiconductors using scanning droplet cell microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2013, 691, 77-82.	1.9	22
147	Optical and electrical properties of electrochemically doped organic field effect transistors. <i>Journal of Luminescence</i> , 2013, 134, 107-112.	1.5	19
148	Characterization of local electrochemical doping of high performance conjugated polymer for photovoltaics using scanning droplet cell microscopy. <i>Electrochimica Acta</i> , 2013, 113, 834-839.	2.6	13
149	Temperature dependent charge transport in organic field-effect transistors with the variation of both carrier concentration and electric field. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 495105.	1.3	15
150	Historical perspective on: Ultrafast photoinduced electron transfer in conducting polymer-buckminsterfullerene composites [Volume 213, Issues 3&4, 8 October 1993, Pages 389&394]. <i>Chemical Physics Letters</i> , 2013, 589, 61-62.	1.2	1
151	Hydrogen-Bonded Semiconducting Pigments for Air-Stable Field-Effect Transistors. <i>Advanced Materials</i> , 2013, 25, 1563-1569.	11.1	218
152	Electrocatalytic Reduction of Carbon Dioxide to Carbon Monoxide by a Polymerized Film of an Alkynyl-Substituted Rhenium(I) Complex. <i>ChemCatChem</i> , 2013, 5, 1790-1796.	1.8	47
153	Natural resin shellac as a substrate and a dielectric layer for organic field-effect transistors. <i>Green Chemistry</i> , 2013, 15, 1473.	4.6	99
154	Hydrogen-bonds in molecular solids – from biological systems to organic electronics. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3742.	2.9	264
155	Efficiency of bulk-heterojunction organic solar cells. <i>Progress in Polymer Science</i> , 2013, 38, 1929-1940.	11.8	881
156	Natural Materials for Organic Electronics. <i>Springer Series in Materials Science</i> , 2013, , 295-318.	0.4	9
157	Dipole-Controlled Energy Level Alignment at Dielectric Interfaces in Organic Field-Effect Transistors. <i>Springer Series in Materials Science</i> , 2013, , 273-293.	0.4	0
158	A facile protection-deprotection route for obtaining indigo pigments as thin films and their applications in organic bulk heterojunctions. <i>Chemical Communications</i> , 2013, 49, 6063.	2.2	64
159	Silicon/organic hybrid heterojunction infrared photodetector operating in the telecom regime. <i>Organic Electronics</i> , 2013, 14, 1344-1350.	1.4	41
160	Breakthroughs in Photonics 2012: Large-Area Ultrathin Photonics. <i>IEEE Photonics Journal</i> , 2013, 5, 0700805-0700805.	1.0	2
161	25th Anniversary Article: Progress in Chemistry and Applications of Functional Indigos for Organic Electronics. <i>Advanced Materials</i> , 2013, 25, 6783-6800.	11.1	191
162	Electro- and photo-chemistry of rhenium and rhodium complexes for carbon dioxide and proton reduction: a mini review. <i>Nanomaterials and Energy</i> , 2013, 2, 134-147.	0.1	18

#	ARTICLE	IF	CITATIONS
163	Electrical properties of pSi/[6,6] phenyl-C61 butyric acid methyl ester/Al hybrid heterojunctions: Experimental and theoretical evaluation of diode operation. <i>Journal of Applied Physics</i> , 2012, 112, 114508.	1.1	6
164	Investigation of Poly(Cyclopentadithiophenes) as Electron Donor Materials for Organic Solar Cells. <i>Energy Procedia</i> , 2012, 31, 1-10.	1.8	4
165	Intermolecular hydrogen-bonded organic semiconductorsâ€”Quinacridone versus pentacene. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	89
166	Electrocatalytic and photocatalytic reduction of carbon dioxide to carbon monoxide using the alkynyl-substituted rhenium(I) complex (5,5â€²-bisphenylethynyl-2,2â€²-bipyridyl)Re(CO)3Cl. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 19-25.	0.8	57
167	Green and biodegradable electronics. <i>Materials Today</i> , 2012, 15, 340-346.	8.3	389
168	Photosensitizing porphyrinâ€”triazine compound for bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 23030.	6.7	30
169	Charge carrier mobility, photovoltaic, and electroluminescent properties of anthraceneâ€”based conjugated polymers bearing randomly distributed side chains. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3425-3436.	2.5	23
170	Ultraâ€”thin anodic alumina capacitor films for plastic electronics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 813-818.	0.8	59
171	Back Cover: Ultraâ€”thin anodic alumina capacitor films for plastic electronics (<i>Phys. Status Solidi A</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	0
172	Ultrathin and lightweight organic solar cells with high flexibility. <i>Nature Communications</i> , 2012, 3, 770.	5.8	1,452
173	Material structureâ€”composite morphologyâ€”photovoltaic performance relationship for organic bulk heterojunction solar cells. <i>Chemical Communications</i> , 2012, 48, 9477.	2.2	14
174	Electric field dependence of charge-carrier hopping transport at large carrier concentrations in disordered organic solids: Meyer-Neldel and Gill energies. <i>Journal of Physics: Conference Series</i> , 2012, 376, 012011.	0.3	1
175	Indigo and Tyrian Purple â€” From Ancient Natural Dyes to Modern Organic Semiconductors. <i>Israel Journal of Chemistry</i> , 2012, 52, 540-551.	1.0	130
176	Material solubility and molecular compatibility effects in the design of fullerene/polymer composites for organic bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18433.	6.7	48
177	Photo-Fries-based photosensitive polymeric interlayers for patterned organic devices. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 107, 985-993.	1.1	9
178	Vacuum-processed polyethylene as a dielectric for low operating voltage organic field effect transistors. <i>Organic Electronics</i> , 2012, 13, 919-924.	1.4	63
179	Electrochemical doping for lowering contact barriers in organic field effect transistors. <i>Organic Electronics</i> , 2012, 13, 1296-1301.	1.4	15
180	Indigo â€”A Natural Pigment for High Performance Ambipolar Organic Field Effect Transistors and Circuits. <i>Advanced Materials</i> , 2012, 24, 375-380.	11.1	383

#	ARTICLE	IF	CITATIONS
181	Electric field dependent activation energy of electron transport in fullerene diodes and field effect transistors: Gill's law. Applied Physics Letters, 2011, 98, 092114.	1.5	34
182	Photovoltaic performance of PPE-PPV copolymers: effect of the fullerene component. Journal of Materials Chemistry, 2011, 21, 2356-2361.	6.7	32
183	Mobility and photovoltaic performance studies on polymer blends: effects of side chains volume fraction. Journal of Materials Chemistry, 2011, 21, 2594-2600.	6.7	40
184	Exotic materials for bio-organic electronics. Journal of Materials Chemistry, 2011, 21, 1350-1361.	6.7	157
185	Natural and nature-inspired semiconductors for organic electronics. Proceedings of SPIE, 2011, , .	0.8	35
186	Alkoxy-substituted poly(arylene-ethynylene)-alt-poly(arylene-vinylene)s: synthesis, electroluminescence and photovoltaic applications. Journal of Materials Chemistry, 2011, 21, 1338-1349.	6.7	31
187	High mobility, low voltage operating C60 based n-type organic field effect transistors. Synthetic Metals, 2011, 161, 2058-2062.	2.1	48
188	Electric field and grain size dependence of Meyer-Neldel energy in C60 films. Synthetic Metals, 2011, 161, 1987-1990.	2.1	8
189	[70]Fullerene-Based Materials for Organic Solar Cells. ChemSusChem, 2011, 4, 119-124.	3.6	51
190	Electrochromic and electroluminescent devices based on a novel branched quasi-dendric fluorene-carbazole-2,5-bis(2-thienyl)-1H-pyrrole system. Journal of Materials Chemistry, 2011, 21, 2684.	6.7	54
191	Ambipolar organic field effect transistors and inverters with the natural material Tyrian Purple. AIP Advances, 2011, 1, .	0.6	78
192	Comparative study of bulk and interface transport in disordered fullerene films. Physica Status Solidi (B): Basic Research, 2011, 248, 2656-2659.	0.7	10
193	In Situ Spectroelectrochemical Study of Positively and Negatively Charged States in a Donor/Acceptor EDOT/Benzotriazole-Based Polymer. Macromolecular Chemistry and Physics, 2011, 212, 2459-2466.	1.1	5
194	Anodized Aluminum Oxide Thin Films for Room-Temperature-Processed, Flexible, Low-Voltage Organic Non-Volatile Memory Elements with Excellent Charge Retention. Advanced Materials, 2011, 23, 4892-4896.	11.1	102
195	Meyer-Neldel rule for charge carrier transport in fullerene devices: A comparative study. Organic Electronics, 2011, 12, 161-168.	1.4	42
196	Water soluble poly(1-vinyl-1,2,4-triazole) as novel dielectric layer for organic field effect transistors. Organic Electronics, 2011, 12, 497-503.	1.4	26
197	Luminescence and spectroscopic studies of organometallic rhodium and rhenium multichromophore systems carrying polypyridyl acceptor sites and phenylethynyl antenna subunits. Journal of Organometallic Chemistry, 2011, 696, 2252-2258.	0.8	17
198	Influence of processing additives to nano-morphology and efficiency of bulk-heterojunction solar cells: A comparative review. Solar Energy, 2011, 85, 1226-1237.	2.9	122

#	ARTICLE	IF	CITATIONS
199	Doping of organic semiconductors induced by lithium fluoride/aluminum electrodes studied by electron spin resonance and infrared reflection-absorption spectroscopy. Applied Physics Letters, 2011, 99, .	1.5	31
200	Photovoltaic textile structure using polyaniline/carbon nanotube composite materials. Journal of the Textile Institute, 2011, 102, 857-862.	1.0	27
201	Effect of source-drain electric field on the Meyerâ€œNeldel energy in organic field effect transistors. Applied Physics Letters, 2011, 98, 223301.	1.5	19
202	Temperature dependence of the charge carrier mobility in disordered organic semiconductors at large carrier concentrations. Physical Review B, 2010, 81, .	1.1	116
203	Anthracene Based Conjugated Polymers: Correlation between π - π -Stacking Ability, Photophysical Properties, Charge Carrier Mobility, and Photovoltaic Performance. Macromolecules, 2010, 43, 1261-1269.	2.2	117
204	Donorâ€œacceptor complex formation in evaporated small molecular organic photovoltaic cells. Solar Energy Materials and Solar Cells, 2010, 94, 803-811.	3.0	17
205	Development of energy generating photovoltaic textile structures for smart applications. Fibers and Polymers, 2010, 11, 378-383.	1.1	26
206	Charge Carrier Lifetime and Recombination in Bulk Heterojunction Solar Cells. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1746-1758.	1.9	72
207	Effect of 2-D Delocalization on Charge Transport and Recombination in Bulk-Heterojunction Solar Cells. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 1738-1745.	1.9	17
208	Selfâ€œAssembly of Thiopheneâ€œand Furanâ€œAppended Methanofullerenes with Poly(3â€œHexylthiophene) in Organic Solar Cells. ChemSusChem, 2010, 3, 356-366.	3.6	32
209	Biocompatible and Biodegradable Materials for Organic Fieldâ€œEffect Transistors. Advanced Functional Materials, 2010, 20, 4069-4076.	7.8	387
210	Fluoreneâ€œCarbazole Dendrimers: Synthesis, Thermal, Photophysical and Electroluminescent Device Properties. Advanced Functional Materials, 2010, 20, 4152-4161.	7.8	67
211	Fullerene Sensitized Silicon for Nearâ€œto Midâ€œInfrared Light Detection. Advanced Materials, 2010, 22, 647-650.	11.1	23
212	Spectroelectrochemical and Photovoltaic Characterization of a Solutionâ€œProcessable nâ€œandâ€œp Type Dopable Pyrroleâ€œBearing Conjugated Polymer. Macromolecular Chemistry and Physics, 2010, 211, 2602-2610.	1.1	17
213	Photovoltaic properties of polymer based organic solar cells adapted for non-transparent substrates. Renewable Energy, 2010, 35, 2301-2306.	4.3	25
214	The role of the dielectric interface in organic transistors: A combined device and photoemission study. Organic Electronics, 2010, 11, 207-211.	1.4	18
215	Environmentally sustainable organic field effect transistors. Organic Electronics, 2010, 11, 1974-1990.	1.4	129
216	Chiral (S)-5-octyloxy-2-[[4-(2-methylbutoxy)-phenylimino]-methyl]-phenol liquid crystalline compound as additive into polymer solar cells. Solar Energy Materials and Solar Cells, 2010, 94, 1089-1099.	3.0	43

#	ARTICLE	IF	CITATIONS
217	Electrochromic device and bulk heterojunction solar cell applications of poly 4,7-bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)-2-dodecyl-2H-benzo[1,2,3]triazole (PBEBT). Solar Energy Materials and Solar Cells, 2010, 94, 1797-1802.	3.0	30
218	Quaterthiophene-based multipods as promising materials for solution-processible organic solar cells and field effect transistors. Solar Energy Materials and Solar Cells, 2010, 94, 2064-2072.	3.0	19
219	Fullerene sensitized silicon for near to mid infrared light detection. Physica Status Solidi (B): Basic Research, 2010, 247, 3043-3046.	0.7	5
220	Fullerene sensitized silicon for near to mid infrared light detection. Materials Research Society Symposia Proceedings, 2010, 1247, 1.	0.1	0
221	Bio-inspired organic field effect transistors. Proceedings of SPIE, 2010, , .	0.8	2
222	Effect of Film Morphology on Charge Transport in C ₆₀ -based Organic Field Effect Transistors. Materials Research Society Symposia Proceedings, 2010, 1270, 1.	0.1	2
223	Dependence of Meyer-Neldel energy on energetic disorder in organic field effect transistors. Applied Physics Letters, 2010, 96, 213306.	1.5	41
224	Organic electrochemical light emitting field effect transistors. Applied Physics Letters, 2010, 97, 033302.	1.5	24
225	Interfaces and traps in pentacene field-effect transistor. Journal of Applied Physics, 2010, 108, 113703.	1.1	45
226	Processable Multipurpose Conjugated Polymer for Electrochromic and Photovoltaic Applications. Chemistry of Materials, 2010, 22, 2978-2987.	3.2	153
227	A green neutral state donor-acceptor copolymer for organic solar cells. Polymer Chemistry, 2010, 1, 1245.	1.9	10
228	Photo-induced charge separation process in (PCBM-C120O)/(M3EH-PPV) blend solid film studied by means of X and K-bands ESR at 77 and 120K. Synthetic Metals, 2010, 160, 485-489.	2.1	12
229	Investigation of new PPV-type polymeric materials containing fluorene and thiophene units and their application in organic solar cells. Synthetic Metals, 2010, 160, 1654-1661.	2.1	24
230	The effects of CdSe incorporation into bulk heterojunction solar cells. Journal of Materials Chemistry, 2010, 20, 4845.	6.7	89
231	Improvement in carrier mobility and photovoltaic performance through random distribution of segments of linear and branched side chains. Journal of Materials Chemistry, 2010, 20, 9726.	6.7	43
232	Material Solubility-Photovoltaic Performance Relationship in the Design of Novel Fullerene Derivatives for Bulk Heterojunction Solar Cells. Advanced Functional Materials, 2009, 19, 779-788.	7.8	355
233	Monitoring the Channel Formation in Organic Field Effect Transistors via Photoinduced Charge Transfer. Advanced Functional Materials, 2009, 19, 789-795.	7.8	34
234	Light and Touch Point Localization using Flexible Large Area Organic Photodiodes and Elastomer Waveguides. Advanced Materials, 2009, 21, 3510-3514.	11.1	30

#	ARTICLE	IF	CITATIONS
235	Organic Solar Cells with Semitransparent Metal Back Contacts for Power Window Applications. ChemSusChem, 2009, 2, 309-313.	3.6	56
236	Current versus gate voltage hysteresis in organic field effect transistors. Monatshefte für Chemie, 2009, 140, 735-750.	0.9	269
237	Meyer-Rüdel rule in fullerene field-effect transistors. Applied Physics A: Materials Science and Processing, 2009, 97, 521-526.	1.1	23
238	Negative capacitance and its photo-inhibition in organic bulk heterojunction devices. Organic Electronics, 2009, 10, 115-118.	1.4	52
239	Small-molecule vacuum processed melamine-C60, organic field-effect transistors. Organic Electronics, 2009, 10, 408-415.	1.4	25
240	Development of novel processable electron accepting conjugated polymers containing fluoranthene units in the main chain. Polymer, 2009, 50, 5007-5015.	1.8	21
241	A flexible textile structure based on polymeric photovoltaics using transparent cathode. Synthetic Metals, 2009, 159, 2043-2048.	2.1	101
242	Bio-Organic Optoelectronic Devices Using DNA. Advances in Polymer Science, 2009, , 73-112.	0.4	31
243	Trannulenes: a new class of photoactive materials for organic photovoltaic devices. Journal of Materials Chemistry, 2009, 19, 7738.	6.7	16
244	Electrical response of highly ordered organic thin film metal-insulator-semiconductor devices. Journal of Applied Physics, 2009, 106, .	1.1	29
245	In situ FTIR spectroelectrochemical characterization of n- and p-dopable phenyl-substituted polythiophenes. Physical Chemistry Chemical Physics, 2009, 11, 6283.	1.3	5
246	Bio-organic field effect transistors based on crosslinked deoxyribonucleic acid (DNA) gate dielectric. Applied Physics Letters, 2009, 95, .	1.5	106
247	Rubrene Thin Film Characteristics on Mica. Springer Proceedings in Physics, 2009, , 43-47.	0.1	0
248	Luminescent Tags on Fullerenes: Eu ³⁺ Complexes with Pendant Fullerenes. Advanced Functional Materials, 2008, 18, 2808-2814.	7.8	10
249	Mobile Ionic Impurities in Poly(vinyl alcohol) Gate Dielectric: Possible Source of the Hysteresis in Organic Field-Effect Transistors. Advanced Materials, 2008, 20, 1018-1022.	11.1	103
250	Temperature Tuning of Nonlinear Exciton Processes in Self-Assembled Oligophenyl Nanofibers under Laser Action. Advanced Materials, 2008, 20, 3017-3021.	11.1	21
251	Vacuum-Processed Polyaniline-C ₆₀ Organic Field Effect Transistors. Advanced Materials, 2008, 20, 3887-3892.	11.1	55
252	Substituting the postproduction treatment for bulk-heterojunction solar cells using chemical additives. Organic Electronics, 2008, 9, 775-782.	1.4	95

#	ARTICLE	IF	CITATIONS
253	IVâ€“VI Nanocrystalâ€“polymer solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 195, 39-46.	2.0	54
254	Photovoltaic and photophysical properties of a novel bis-3-hexylthiophene substituted quinoxaline derivative. Solar Energy Materials and Solar Cells, 2008, 92, 1162-1169.	3.0	30
255	Synthesis of poly(2,5-Thienylene Vinylene) and its derivatives: Low band gap materials for photovoltaics. Thin Solid Films, 2008, 516, 3978-3988.	0.8	61
256	Hybrid solar cells. Inorganica Chimica Acta, 2008, 361, 581-588.	1.2	279
257	Photovoltaic characterization of hybrid solar cells using surface modified TiO ₂ nanoparticles and poly(3-hexyl)thiophene. Nanotechnology, 2008, 19, 424009.	1.3	53
258	Halbleitende Polymere als Funktionswerkstoffe fÃ¼r gedruckte Optoelektronik â€“ Neue MÃ¶glichkeiten und Besonderheiten (Semiconducting Polymers for Printed Opto Electronics â€“ Opportunities and) Tj ETQq0 0 0 rgt /Overlock 10 Tf 5		
259	Energy Transfer from CdSe/ZnS Nanocrystals to Zinc-Phthalocyanine for Advanced Photon Harvesting in Organic Photovoltaics. , 2008, , 16-20.		0
260	Bio-organic field effect transistors. , 2007, 6646, 117.		7
261	Enhancing photon harvesting in organic solar cells with luminescent concentrators. Applied Physics Letters, 2007, 90, 181126.	1.5	35
262	Photovoltaic enhancement of organic solar cells by a bridged donor-acceptor block copolymer approach. Applied Physics Letters, 2007, 90, 043117.	1.5	97
263	Polymer Solar Cells. , 2007, , 1-86.		37
264	Supramolecular Association of Pyrrolidinofullerenes Bearing Chelating Pyridyl Groups and Zinc Phthalocyanine for Organic Solar Cells. Chemistry of Materials, 2007, 19, 5363-5372.	3.2	56
265	Fluorene functionalised sexithiophenesâ€”utilising intramolecular charge transfer to extend the photocurrent spectrum in organic solar cells. Journal of Materials Chemistry, 2007, 17, 1055-1062.	6.7	29
266	Effect of Styryl Side Groups on the Photophysical Properties and Hole Mobility of PPEâˆ“PPV Systems. Macromolecules, 2007, 40, 7786-7794.	2.2	29
267	Deoxyribonucleic acid biotronics. , 2007, , .		1
268	Negative capacitance in organic semiconductor devices: Bipolar injection and charge recombination mechanism. Applied Physics Letters, 2007, 91, .	1.5	122
269	Correlation of crystalline and structural properties of C60 thin films grown at various temperature with charge carrier mobility. Applied Physics Letters, 2007, 90, 213512.	1.5	72
270	Photoelectrochemical cells based on emeraldine base form of polyaniline. Journal of the Brazilian Chemical Society, 2007, 18, 1189-1193.	0.6	9

#	ARTICLE	IF	CITATIONS
271	Effects of Annealing on the Nanomorphology and Performance of Poly(alkylthiophene):Fullerene Bulk-Heterojunction Solar Cells. <i>Advanced Functional Materials</i> , 2007, 17, 1071-1078.	7.8	360
272	Optical Gain Performance of Epitaxially Grown <i>para</i> -Hexiphenyl Films. <i>Advanced Materials</i> , 2007, 19, 2252-2256.	11.1	19
273	A self-rechargeable and flexible polymer solar battery. <i>Solar Energy</i> , 2007, 81, 947-957.	2.9	97
274	Hybrid solar cells using PbS nanoparticles. <i>Solar Energy Materials and Solar Cells</i> , 2007, 91, 420-423.	3.0	194
275	Advanced photon-harvesting concepts for low-energy gap organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2007, 91, 986-995.	3.0	86
276	Quasi-solid-state dye-sensitized solar cells with cyanoacrylate as electrolyte matrix. <i>Solar Energy Materials and Solar Cells</i> , 2007, 91, 1081-1086.	3.0	54
277	Hybrid solar cells based on CuInS ₂ and organic buffer-sensitizer layers. <i>Thin Solid Films</i> , 2007, 515, 5759-5762.	0.8	8
278	Organic field-effect transistors and memory elements using deoxyribonucleic acid (DNA) gate dielectric. <i>Organic Electronics</i> , 2007, 8, 648-654.	1.4	112
279	Characterization of highly crystalline C ₆₀ thin films and their field-effect mobility. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 3845-3848.	0.7	5
280	Combined effects of conjugation pattern and alkoxy side chains on the photovoltaic properties of thiophene-containing PPE-PPVs. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1619-1631.	2.5	35
281	A review of charge transport and recombination in polymer/fullerene organic solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2007, 15, 677-696.	4.4	515
282	Conjugated Polymer-Based Organic Solar Cells. <i>Chemical Reviews</i> , 2007, 107, 1324-1338.	23.0	5,925
283	Organic inverter circuits employing ambipolar pentacene field-effect transistors. <i>Applied Physics Letters</i> , 2006, 89, 033512.	1.5	93
284	Comparative studies on solar cell structures using zinc phthalocyanine and fullerenes. , 2006, 6192, 348.		3
285	Unexpected electromechanical actuation in conjugated polymer based diodes. <i>Journal of Materials Chemistry</i> , 2006, 16, 1789-1793.	6.7	5
286	Bio-organic-semiconductor-field-effect-transistor based on deoxyribonucleic acid gate dielectric. <i>Journal of Applied Physics</i> , 2006, 100, 024514.	1.1	131
287	Spectroelectrochemistry of Poly(ethylenedithiathiophene)-the Sulfur Analogue of Poly(ethylenedioxythiophene). <i>Journal of Physical Chemistry B</i> , 2006, 110, 2662-2667.	1.2	33
288	Incorporation of Fused Tetrathiafulvalenes (TTFs) into Polythiophene Architectures: Varying the Electroactive Dominance of the TTF Species in Hybrid Systems. <i>Journal of Physical Chemistry B</i> , 2006, 110, 3140-3152.	1.2	57

#	ARTICLE	IF	CITATIONS
289	PROGRESS IN PLASTIC ELECTRONICS DEVICES. Annual Review of Materials Research, 2006, 36, 199-230.	4.3	224
290	Photoinduced charge and energy transfer involving fullerene derivatives. Photochemical and Photobiological Sciences, 2006, 5, 1122.	1.6	138
291	Long-Lived Photoinduced Charges in Donor-acceptor Anthraquinone-Substituted Thiophene Copolymers. Journal of Physical Chemistry B, 2006, 110, 5351-5358.	1.2	27
292	DNA: new class of polymer. , 2006, , .		13
293	Photoinduced Electron Transfer in a New Bis(C60)-Phthalocyanine Triad. Organic Letters, 2006, 8, 5187-5190.	2.4	67
294	Enhanced spectral coverage in tandem organic solar cells. Applied Physics Letters, 2006, 89, 073502.	1.5	160
295	Morphology of polymer/fullerene bulk heterojunction solar cells. Journal of Materials Chemistry, 2006, 16, 45-61.	6.7	1,341
296	Molecular scale organized poly(MDMO-p-phenylene vinylene)-heteropolyacid composites. Synthetic Metals, 2006, 156, 843-847.	2.1	1
297	Side chain effects on photoinduced absorption and photovoltaic performance of low bandgap thienylene vinylene and phenylene vinylene copolymers. EPJ Applied Physics, 2006, 36, 219-223.	0.3	2
298	The effect of intermediate layers on the internal electric field in organic semiconductor devices. , 2006, , .		1
299	Electrical characteristics of metal-insulator-semiconductor diodes and transistors with space charge electret insulators: towards nonvolatile organic memories. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 1082-1086.	1.8	1
300	From evaporation to solution processed organic tandem solar cells. , 2006, 6197, 96.		3
301	Donor-acceptor heterojunction solar cells based on perylene diimide and perylene bisbenzimidazole. EPJ Applied Physics, 2006, 36, 225-229.	0.3	25
302	Electrical transport properties of hot wall epitaxially grown para-sexiphenyl nano-needles. Physica Status Solidi (B): Basic Research, 2006, 243, 3329-3332.	0.7	15
303	Conjugated polymer photovoltaic devices and materials. Comptes Rendus Chimie, 2006, 9, 568-577.	0.2	84
304	Photoresponse of organic field-effect transistors based on conjugated polymer/fullerene blends. Organic Electronics, 2006, 7, 188-194.	1.4	165
305	Charge carrier mobility and lifetime versus composition of conjugated polymer/fullerene bulk-heterojunction solar cells. Organic Electronics, 2006, 7, 229-234.	1.4	161
306	Soluble derivatives of perylene and naphthalene diimide for n-channel organic field-effect transistors. Organic Electronics, 2006, 7, 480-489.	1.4	113

#	ARTICLE	IF	CITATIONS
307	Precursor route poly(thienylene vinylene) for organic solar cells: Photophysics and photovoltaic performance. <i>Solar Energy Materials and Solar Cells</i> , 2006, 90, 2815-2828.	3.0	47
308	Photovoltaic activity of a PolyProDOT derivative in a bulk heterojunction solar cell. <i>Solar Energy Materials and Solar Cells</i> , 2006, 90, 3531-3546.	3.0	18
309	Effect of annealing of poly(3-hexylthiophene)/fullerene bulk heterojunction composites on structural and optical properties. <i>Thin Solid Films</i> , 2006, 496, 679-682.	0.8	161
310	Recombination of photogenerated and injected charge carriers in π -conjugated polymer/fullerene blends. <i>Thin Solid Films</i> , 2006, 511-512, 224-227.	0.8	40
311	New Donor-Acceptor Materials Based on Random Polynorbornenes Bearing Pendant Phthalocyanine and Fullerene Units. <i>Chemistry - an Asian Journal</i> , 2006, 1, 148-154.	1.7	61
312	Organic solar cells with carbon nanotube network electrodes. <i>Applied Physics Letters</i> , 2006, 88, 233506.	1.5	936
313	Spontaneous rearrangement of para-sexiphenyl crystallites into nano-fibers. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 665-669.	1.1	46
314	Efficiency limiting morphological factors of MDMO-PPV:PCBM plastic solar cells. <i>Thin Solid Films</i> , 2006, 511-512, 587-592.	0.8	140
315	Photophysical, electrochemical and photovoltaic properties of thiophene-containing arylene-ethynylene/arylene-vinylene polymers. <i>Thin Solid Films</i> , 2006, 511-512, 486-488.	0.8	19
316	A new encapsulation solution for flexible organic solar cells. <i>Thin Solid Films</i> , 2006, 511-512, 349-353.	0.8	238
317	Hybrid Solar Cells Using HgTe Nanocrystals and Nanoporous TiO ₂ Electrodes. <i>Advanced Functional Materials</i> , 2006, 16, 1095-1099.	7.8	69
318	Nanoporous CuInS ₂ electrodes for hybrid solar cells. , 2006, , .		3
319	Photo-induced phenomena in organic field-effect phototransistors based on conjugated polymer/fullerene blends and organic dielectric. , 2006, , .		3
320	Flexible encapsulation for organic solar cells. , 2006, 6197, 258.		12
321	Low-bandgap poly(thienylene vinylene) for organic solar cells: photophysics and photovoltaic performance. , 2006, 6192, 309.		1
322	Switching in C ₆₀ -fullerene based field effect transistors. <i>Applied Physics Letters</i> , 2006, 88, 263516.	1.5	10
323	High performance n-channel organic field-effect transistors and ring oscillators based on C ₆₀ fullerene films. <i>Applied Physics Letters</i> , 2006, 89, 213504.	1.5	239
324	Charge-carrier transport and recombination in thin insulating films studied via extraction of injected plasma. <i>Physical Review B</i> , 2006, 74, .	1.1	43

#	ARTICLE	IF	CITATIONS
325	Internal electric field in organic-semiconductor-based photovoltaic devices. <i>Applied Physics Letters</i> , 2006, 89, 223519.	1.5	15
326	Coherent random lasing in the deep blue from self-assembled organic nanofibers. <i>Journal of Applied Physics</i> , 2006, 99, 034305.	1.1	42
327	Charge Transport and Recombination in Bulk-Heterojunction Solar Cells. , 2006, , .		6
328	Low-threshold blue lasing in epitaxially grown para-sexiphenyl nanofibers. <i>Journal of Luminescence</i> , 2005, 112, 321-324.	1.5	21
329	Morphology and growth kinetics of organic thin films deposited by hot wall epitaxy on KCl substrates. <i>Journal of Crystal Growth</i> , 2005, 275, e2037-e2042.	0.7	19
330	Design, synthesis and photovoltaic properties of [60]fullerene based molecular materials. <i>Materials Science and Engineering C</i> , 2005, 25, 835-842.	3.8	24
331	High-mobility n-channel organic field-effect transistors based on epitaxially grown C60 films. <i>Organic Electronics</i> , 2005, 6, 105-110.	1.4	129
332	Characterization of N,N'-bis-2-(1-hydroxy-4-methylpentyl)-3,4,9,10-perylene bis (dicarboximide) sensitized nanocrystalline TiO ₂ solar cells with polythiophene hole conductors. <i>Solar Energy Materials and Solar Cells</i> , 2005, 88, 11-21.	3.0	79
333	Flexible Conjugated Polymer-Based Plastic Solar Cells: From Basics to Applications. <i>Proceedings of the IEEE</i> , 2005, 93, 1429-1439.	16.4	149
334	Complexation of pyrrolidinofullerenes and zinc-phthalocyanine in a bilayer organic solar cell structure. <i>Applied Physics Letters</i> , 2005, 87, 244102.	1.5	65
335	Charge transport and recombination in bulk heterojunction solar cells studied by the photoinduced charge extraction in linearly increasing voltage technique. <i>Applied Physics Letters</i> , 2005, 86, 112104.	1.5	184
336	Charge carrier mobility in regioregular poly(3-hexylthiophene) probed by transient conductivity techniques: A comparative study. <i>Physical Review B</i> , 2005, 71, .	1.1	249
337	High-Performance Ambipolar Pentacene Organic Field-Effect Transistors on Poly(vinyl alcohol) Organic Gate Dielectric. <i>Advanced Materials</i> , 2005, 17, 2315-2320.	11.1	215
338	Side Chain Influence on Electrochemical and Photovoltaic Properties of Yne-Containing Poly(phenylene vinylene)s. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1389-1394.	2.0	71
339	Thiophene-containing poly(arylene-ethynylene)-alt-poly(arylene-vinylene)s: Synthesis, characterisation and optical properties. <i>Polymer</i> , 2005, 46, 9585-9595.	1.8	29
340	Organic thin films grown by hot wall epitaxy on inorganic substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1877-1882.	0.7	4
341	Kelvin Probe Force Microscopy Study of Conjugated Polymer/Fullerene Organic Solar Cells. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 5370-5373.	0.8	46
342	Photoinduced Electron Transfer in Solid C60Donor/Acceptor Complexes Studied by Light-Induced Electron-Spin Resonance. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 427, 3/[315]-21/[333].	0.4	11

#	ARTICLE	IF	CITATIONS
343	Polymer- Fullerene Bulk Heterojunction Solar Cells. MRS Bulletin, 2005, 30, 33-36.	1.7	171
344	Piezoelectric polymers. Materials Research Society Symposia Proceedings, 2005, 889, 1.	0.1	0
345	Correlation between morphology and ambipolar transport in organic field-effect transistors. Journal of Applied Physics, 2005, 97, 114508.	1.1	40
346	Fabrication and characterization of solution-processed methanofullerene-based organic field-effect transistors. Journal of Applied Physics, 2005, 97, 083714.	1.1	137
347	Double injection as a technique to study charge carrier transport and recombination in bulk-heterojunction solar cells. Applied Physics Letters, 2005, 87, 222110.	1.5	45
348	Unusual electromechanical effects in organic semiconductor Schottky contacts: Between piezoelectricity and electrostriction. Applied Physics Letters, 2005, 87, 163501.	1.5	49
349	Electromechanical strain in conjugated polymer diodes under forward and reverse bias. Applied Physics Letters, 2005, 86, 193507.	1.5	8
350	Ultrafast dynamics of charge carrier photogeneration and geminate recombination in conjugated polymer:fullerene solar cells. Physical Review B, 2005, 72, .	1.1	122
351	Photoresponse Of Organic Field-Effect Transistors Based On Soluble Semiconductors And Dielectrics. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	0
352	Smart actuators based on electromechanically active conjugated polymer diodes. , 2005, , .		1
353	Time-dependent mobility and recombination of the photoinduced charge carriers in conjugated polymer/fullerene bulk heterojunction solar cells. Physical Review B, 2005, 72, .	1.1	209
354	Bimolecular Recombination Coefficient as a Sensitive Testing Parameter for Low-Mobility Solar-Cell Materials. Physical Review Letters, 2005, 94, 176806.	2.9	297
355	Synthesis and properties of end-capped sexithiophenes incorporating the ethylene dithiophene unit. Journal of Materials Chemistry, 2005, 15, 1446.	6.7	27
356	Extended Photocurrent Spectrum of a Low Band Gap Polymer in a Bulk Heterojunction Solar Cell. Chemistry of Materials, 2005, 17, 4031-4033.	3.2	193
357	Plastic Solar Cells Based on Novel PPE-PPV-Copolymers. Molecular Crystals and Liquid Crystals, 2005, 426, 255-263.	0.4	18
358	Stabilization of the nanomorphology of polymer- fullerene bulk heterojunction blends using a novel polymerizable fullerene derivative. Journal of Materials Chemistry, 2005, 15, 5158.	6.7	221
359	Resonant Raman scattering dispersion in poly(dithieno[3,4-b:3',4'-d]-thiophene): 2Ag spectroscopy. Synthetic Metals, 2005, 150, 251-253.	2.1	1
360	Vibrational spectroscopic study of a push-pull substituted fluorinated poly(p-phenylenevinylene) copolymer. Synthetic Metals, 2005, 152, 149-152.	2.1	6

#	ARTICLE	IF	CITATIONS
361	Novel Regiospecific MDMO-PPV Polymers with Improved Charge Transport Properties for Bulk Heterojunction Solar Cells. <i>Synthetic Metals</i> , 2005, 153, 81-84.	2.1	16
362	Nano-Crystalline Fullerene Phases in Polymer/Fullerene Bulk-Heterojunction Solar Cells: A Transmission Electron Microscopy Study. <i>Synthetic Metals</i> , 2005, 152, 117-120.	2.1	35
363	Kelvin Probe Force Microscopy Study on Conjugated Polymer/Fullerene Bulk Heterojunction Organic Solar Cells. <i>Nano Letters</i> , 2005, 5, 269-274.	4.5	281
364	Flexible, conjugated polymer-fullerene-based bulk-heterojunction solar cells: Basics, encapsulation, and integration. <i>Journal of Materials Research</i> , 2005, 20, 3224-3233.	1.2	165
365	Bulk Heterojunction Solar Cells. <i>Optical Science and Engineering</i> , 2005, , .	0.1	5
366	Anomalous charge transport behavior of Fullerene based diodes. <i>Applied Physics Letters</i> , 2004, 84, 1570-1572.	1.5	22
367	Random laser action in self-organized para-sexiphenyl nanofibers grown by hot-wall epitaxy. <i>Applied Physics Letters</i> , 2004, 84, 4454-4456.	1.5	103
368	Hybrid solar cells based on inorganic nanoclusters and conjugated polymers. <i>Thin Solid Films</i> , 2004, 451-452, 612-618.	0.8	76
369	Investigation of excited states in polymer/fullerene solar cells by means of photoinduced reflection-/absorption spectroscopy. <i>Thin Solid Films</i> , 2004, 451-452, 60-63.	0.8	14
370	A systematic study of the anisotropic optical properties of thin poly(3-octylthiophene)-films in dependence on growth parameters. <i>Thin Solid Films</i> , 2004, 451-452, 69-73.	0.8	34
371	Modeling of optical absorption in conjugated polymer/fullerene bulk-heterojunction plastic solar cells. <i>Thin Solid Films</i> , 2004, 451-452, 589-592.	0.8	83
372	Organic p-i-n solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1-14.	1.1	308
373	Morphology effects in nanocrystalline CuInSe ₂ -conjugated polymer hybrid systems. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 59-64.	1.1	42
374	Plastic photovoltaic devices. <i>Materials Today</i> , 2004, 7, 36-40.	8.3	102
375	Nanoscale Morphology of Conjugated Polymer/Fullerene-Based Bulk- Heterojunction Solar Cells. <i>Advanced Functional Materials</i> , 2004, 14, 1005-1011.	7.8	702
376	Aggregate States and Energetic Disorder in Highly Ordered Nanostructures of para-Sexiphenyl Grown by Hot Wall Epitaxy. <i>Advanced Functional Materials</i> , 2004, 14, 970-978.	7.8	23
377	Patterns of efficiency and degradation of composite polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2004, 83, 247-262.	3.0	118
378	Morphology and growth kinetics of organic thin films deposited by hot wall epitaxy. <i>Organic Electronics</i> , 2004, 5, 23-27.	1.4	29

#	ARTICLE	IF	CITATIONS
379	Negative electric field dependence of charge carrier drift mobility in conjugated, semiconducting polymers. <i>Chemical Physics Letters</i> , 2004, 389, 438-442.	1.2	146
380	Even parity states in small band gap π -conjugated polymers: polydithienothiophenes. <i>Chemical Physics Letters</i> , 2004, 394, 132-136.	1.2	8
381	Photovoltaic action of conjugated polymer/fullerene bulk heterojunction solar cells using novel PPE-PPV copolymers. <i>Journal of Materials Chemistry</i> , 2004, 14, 3462-3467.	6.7	114
382	Novel Regiospecific MDMO π -PPV Copolymer with Improved Charge Transport for Bulk Heterojunction Solar Cells. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5235-5242.	1.2	86
383	Nonvolatile organic field-effect transistor memory element with a polymeric gate electret. <i>Applied Physics Letters</i> , 2004, 85, 5409-5411.	1.5	213
384	Low bandgap polymers for photon harvesting in bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2004, 14, 1077.	6.7	667
385	Anomalous photoinduced absorption of conjugated polymer/fullerene mixtures at low temperatures and high frequencies. <i>Synthetic Metals</i> , 2004, 141, 109-112.	2.1	6
386	Anisotropic optical properties of thin poly(3-octylthiophene)-films as a function of preparation conditions. <i>Synthetic Metals</i> , 2004, 143, 113-117.	2.1	39
387	Organic solar cells: An overview. <i>Journal of Materials Research</i> , 2004, 19, 1924-1945.	1.2	2,242
388	Tuning of the photoinduced charge transfer process in donor-acceptor double-cable copolymers. , 2004, 5215, 41.		0
389	A Soluble Donor-Acceptor Double-Cable Polymer: Polythiophene with Pendant Fullerenes. <i>Monatshefte für Chemie</i> , 2003, 134, 519-527.	0.9	26
390	Effects of Postproduction Treatment on Plastic Solar Cells. <i>Advanced Functional Materials</i> , 2003, 13, 85-88.	7.8	1,944
391	Hybrid Solar Cells Based on Nanoparticles of CuInS ₂ in Organic Matrices. <i>Advanced Functional Materials</i> , 2003, 13, 165-171.	7.8	270
392	Modeling the optical absorption within conjugated polymer/fullerene-based bulk-heterojunction organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2003, 80, 105-113.	3.0	173
393	Convenient synthesis and polymerization of 5,6-disubstituted dithiophthalides toward soluble poly(isothianaphthene): An initial spectroscopic characterization of the resulting low-band-gap polymers. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1034-1045.	2.5	36
394	Molecules as bipolar conductors. <i>Nature Materials</i> , 2003, 2, 360-361.	13.3	60
395	Molecular alignments in sexiphenyl thin films epitaxially grown on muscovite. <i>Thin Solid Films</i> , 2003, 443, 108-114.	0.8	56
396	Time Domain Investigation of the Intrachain Vibrational Dynamics of a Prototypical Light-Emitting Conjugated Polymer. <i>Physical Review Letters</i> , 2003, 90, 047402.	2.9	54

#	ARTICLE	IF	CITATIONS
397	Optical- and photocurrent-detected magnetic resonance studies on conjugated polymer/fullerene composites. <i>Physical Review B</i> , 2003, 67, .	1.1	55
398	Comparison of the electrochemical and optical bandgap of low-bandgap polymers. <i>Synthetic Metals</i> , 2003, 137, 1361-1362.	2.1	26
399	Spectroscopic properties of PEDOTEHIITN. <i>Synthetic Metals</i> , 2003, 137, 1435-1436.	2.1	24
400	Ultrafast spectroscopy of polaron pairs in polymer solar cells. <i>Synthetic Metals</i> , 2003, 137, 1475-1476.	2.1	4
401	Charge recombination dynamics in a polymer/fullerene bulk heterojunction studied by transient absorption spectroscopy. <i>Synthetic Metals</i> , 2003, 137, 1505-1506.	2.1	5
402	A Fulleropyrrolidine-phthalocyanine dyad for photovoltaic applications. <i>Synthetic Metals</i> , 2003, 137, 1491-1492.	2.1	28
403	Hot wall epitaxial growth of highly ordered organic epilayers. <i>Synthetic Metals</i> , 2003, 138, 9-13.	2.1	21
404	Poly(5,6-dithiooctylisothianaphthene), a new low band gap polymer: spectroscopy and solar cell construction. <i>Synthetic Metals</i> , 2003, 138, 249-253.	2.1	21
405	Oriented organic semiconductor thin films. <i>Synthetic Metals</i> , 2003, 138, 59-63.	2.1	14
406	Tuning of the photoinduced charge transfer process in donor-acceptor double-cable copolymers. <i>Synthetic Metals</i> , 2003, 139, 731-733.	2.1	12
407	Photo- and thermally stimulated luminescence in highly ordered films of para-sexiphenyl grown by Hot-Wall Epitaxy. <i>Synthetic Metals</i> , 2003, 139, 937-940.	2.1	9
408	Optoelectronic devices based on para-sexiphenyl films grown by Hot Wall Epitaxy. <i>Synthetic Metals</i> , 2003, 139, 573-576.	2.1	10
409	Excited state spectroscopy in polymer fullerene photovoltaic devices under operation conditions. <i>Synthetic Metals</i> , 2003, 139, 577-580.	2.1	9
410	Spectral signatures of positive and negative charged states in doped and photoexcited low band-gap polydithienothiophenes. <i>Synthetic Metals</i> , 2003, 139, 747-750.	2.1	11
411	Charge Recombination in Conjugated Polymer/Fullerene Blended Films Studied by Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1567-1573.	1.2	197
412	Influence of the solvent on the crystal structure of PCBM and the efficiency of MDMO-PPV:PCBM "plastic" solar cells. <i>Chemical Communications</i> , 2003, , 2116-2118.	2.2	324
413	Long-lived photoinduced charge separation for solar cell applications in phthalocyanine-fulleropyrrolidine dyad thin films Electronic supplementary information (ESI) available: plots of the refractive index, extinction coefficient and dielectric function of Pc-C60. See http://www.rsc.org/suppdata/lim/b2/b212621d/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 700-704.	6.7	210
414	Photophysics and Photovoltaic Device Application of Fullerene Containing Phthalocyanine Dyads. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	1

#	ARTICLE	IF	CITATIONS
415	Towards increasing the photon harvesting in bulk heterojunction polymer solar cells. , 2003, 4801, 22.		1
416	Core/shell nanomaterials in photovoltaics. International Journal of Photoenergy, 2003, 5, 199-208.	1.4	54
417	Organic rare earth complexes in polymer matrices and light emitting diodes. Molecular Crystals and Liquid Crystals, 2002, 385, 101-111.	0.4	13
418	Molecular Engineering of C60-Based Conjugated Oligomer Ensembles: Modulating the Competition between Photoinduced Energy and Electron Transfer Processes. Journal of Organic Chemistry, 2002, 67, 1141-1152.	1.7	105
419	<title>Infrared spectroscopic investigations of organic polymeric photovoltaic systems</title> . , 2002, , .		2
420	Positive and Negative Charge Carriers in Doped or Photoexcited Polydithienothiophenes: A Comparative Study Using Raman, Infrared, and Electron Spin Resonance Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 3583-3591.	1.2	51
421	Double-cable polymers for fullerene based organic optoelectronic applications. Journal of Materials Chemistry, 2002, 12, 1931-1943.	6.7	249
422	Effect of LiF/metal electrodes on the performance of plastic solar cells. Applied Physics Letters, 2002, 80, 1288-1290.	1.5	879
423	Transient optical studies of charge recombination dynamics in a polymer/fullerene composite at room temperature. Applied Physics Letters, 2002, 81, 3001-3003.	1.5	189
424	Synthesis and electropolymerisation of 3,4-bis(alkylsulfanyl)terthiophenes and the significance of the fused dithiophene ring in 2,5-dithienyl-3,4-ethylenedithiophene (DT-EDTT). Journal of Materials Chemistry, 2002, 12, 500-510.	6.7	41
425	Electrochemical and Photophysical Properties of a Novel Polythiophene with Pendant Fulleropyrrolidine Moieties: Toward Double Cable Polymers for Optoelectronic Devices. Journal of Physical Chemistry B, 2002, 106, 70-76.	1.2	81
426	Photovoltaic properties of nanocrystalline CuInS ₂ /methanofullerene solar cells. Molecular Crystals and Liquid Crystals, 2002, 385, 129-136.	0.4	13
427	Highly aligned organic semiconductor thin films grown by hot wall epitaxy. Molecular Crystals and Liquid Crystals, 2002, 385, 61-70.	0.4	8
428	Polymer solar cells and infrared light emitting diodes: Dual function low bandgap polymer. Molecular Crystals and Liquid Crystals, 2002, 385, 93-100.	0.4	19
429	A comparison between state-of-the-art P3-gilch™ and P3-sulphinyl™ synthesised MDMO-PPV/PCBM bulk hetero-junction solar cells. Thin Solid Films, 2002, 403-404, 247-251.	0.8	75
430	Solid-state organic/inorganic hybrid solar cells based on conjugated polymers and dye-sensitized TiO ₂ electrodes. Thin Solid Films, 2002, 403-404, 271-274.	0.8	81
431	Photo-induced electron transfer from a dithieno thiophene-based polymer to TiO ₂ . Thin Solid Films, 2002, 403-404, 52-56.	0.8	53
432	The influence of materials work function on the open circuit voltage of plastic solar cells. Thin Solid Films, 2002, 403-404, 368-372.	0.8	147

#	ARTICLE	IF	CITATIONS
433	Highly ordered anisotropic nano-needles in para-sexiphenyl films. <i>Thin Solid Films</i> , 2002, 403-404, 444-448.	0.8	17
434	Sensitization of low bandgap polymer bulk heterojunction solar cells. <i>Thin Solid Films</i> , 2002, 403-404, 373-379.	0.8	78
435	Influence of the Anodic Work Function on the Performance of Organic Solar Cells. <i>ChemPhysChem</i> , 2002, 3, 795-799.	1.0	176
436	A Low-Bandgap Semiconducting Polymer for Photovoltaic Devices and Infrared Emitting Diodes. <i>Advanced Functional Materials</i> , 2002, 12, 709-712.	7.8	517
437	Dependence of field-effect hole mobility of PPV-based polymer films on the spin-casting solvent. <i>Organic Electronics</i> , 2002, 3, 105-110.	1.4	101
438	Structural relationship between epitaxially grown para-sexiphenyl and mica (001) substrates. <i>Journal of Crystal Growth</i> , 2002, 237-239, 2076-2081.	0.7	36
439	2.5% efficient organic plastic solar cells. <i>Applied Physics Letters</i> , 2001, 78, 841-843.	1.5	2,520
440	<title>Temperature and irradiance effect on the photovoltaic parameters of a fullerene/conjugated-polymer solar cell</title>. , 2001, , .		4
441	Photoactive Blends of Poly(para-phenylenevinylene) (PPV) with Methanofullerenes from a Novel Precursor:â€™% Photophysics and Device Performance. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1528-1536.	1.2	44
442	The interplay of efficiency and morphology in photovoltaic devices based on interpenetrating networks of conjugated polymers with fullerenes. <i>Synthetic Metals</i> , 2001, 118, 1-9.	2.1	134
443	High oriented epitaxial oligomer/fullerene structures grown by hot wall epitaxy. <i>Synthetic Metals</i> , 2001, 116, 235-239.	2.1	10
444	Multiple reduction states with different conductivities of polybenzimidazobenzophenanthroline (BBL) studied with infrared spectroelectrochemistry. <i>Synthetic Metals</i> , 2001, 116, 241-245.	2.1	11
445	Photoexcited spectroscopy and in situ electrochemical spectroscopy in conjugated polymers: a comparative study. <i>Synthetic Metals</i> , 2001, 116, 115-121.	2.1	21
446	Ultrafast charge transfer in conjugated polymer-fullerene composites. <i>Synthetic Metals</i> , 2001, 119, 637-638.	2.1	37
447	Para- sexiphenyl/C60 bi- and multilayers grown by hot wall epitaxy. <i>Synthetic Metals</i> , 2001, 121, 1373-1374.	2.1	0
448	Self-assembled growth of highly oriented para- sexiphenyl thin films. <i>Synthetic Metals</i> , 2001, 121, 1379-1380.	2.1	23
449	Photoinduced electron transfer in solid C60 donor/acceptor complexes. <i>Synthetic Metals</i> , 2001, 121, 1127-1128.	2.1	17
450	Semiconductor/conjugated polymer/electrolyte interfaces studied with infrared photospectroelectrochemistry. <i>Synthetic Metals</i> , 2001, 119, 379-380.	2.1	1

#	ARTICLE	IF	CITATIONS
451	Spectroscopy on polymer-fullerene composites and photovoltaic cells. Synthetic Metals, 2001, 121, 1529-1532.	2.1	9
452	Solid state dye-sensitized TiO ₂ solar cells with poly(3-octylthiophene) as hole transport layer. Synthetic Metals, 2001, 121, 1549-1550.	2.1	58
453	Magnetic resonance studies on conjugated polymer fullerene mixtures. Synthetic Metals, 2001, 121, 1567-1568.	2.1	1
454	Er ³⁺ emission from organic complexes embedded in thin polymer films. Synthetic Metals, 2001, 121, 1511-1512.	2.1	12
455	Organic photovoltaic devices produced from conjugated polymer / methanofullerene bulk heterojunctions. Synthetic Metals, 2001, 121, 1517-1520.	2.1	68
456	In situ UV-VIS-NIR and Raman spectroelectrochemical studies of the conjugated ladder polymer polybenzimidazobenzophenanthroline (BBL). Synthetic Metals, 2001, 119, 319-320.	2.1	8
457	Sensitization of photoconductive polyimides for photovoltaic applications. Synthetic Metals, 2001, 121, 1609-1610.	2.1	19
458	Electropolymerization and spectroscopic properties of a novel double-cable polythiophene with pendant fullerenes for photovoltaic applications. Synthetic Metals, 2001, 121, 1555-1556.	2.1	25
459	Low band-gap polymeric photovoltaic devices. Synthetic Metals, 2001, 121, 1583-1584.	2.1	80
460	Degradation of bulk heterojunction solar cells operated in an inert gas atmosphere: a systematic study. Synthetic Metals, 2001, 121, 1605-1606.	2.1	75
461	Hybrid solar cells based on dye-sensitized nanoporous TiO ₂ electrodes and conjugated polymers as hole transport materials. Synthetic Metals, 2001, 125, 279-287.	2.1	166
462	Electrical admittance studies of polymer photovoltaic cells. Synthetic Metals, 2001, 124, 103-105.	2.1	23
463	Low-temperature recombination kinetics of photoexcited persistent charge carriers in conjugated polymer/fullerene composite films. Physical Review B, 2001, 64, .	1.1	49
464	Temperature dependence for the photovoltaic device parameters of polymer-fullerene solar cells under operating conditions. Journal of Applied Physics, 2001, 90, 5343-5350.	1.1	184
465	Photoinduced Electron Transfer in Donor-Acceptor Double-Cable Polymers: Polythiophene Bearing Tetracyanoanthraquinodimethane Moieties. Journal of Physical Chemistry A, 2001, 105, 4172-4176.	1.1	38
466	Photophysical Properties and Optoelectronic Device Applications of a Novel Naphthalene-Vinylene Type Conjugated Polymer. Journal of Physical Chemistry B, 2001, 105, 4099-4104.	1.2	35
467	Vibrational Spectroscopy on pDTT3A Low Band Gap Polymer Based on Dithienothiophene. Journal of Physical Chemistry B, 2001, 105, 46-52.	1.2	30
468	Synthesis and Characterization of a Poly(1,3-dithienylisothianaphthene) Derivative for Bulk Heterojunction Photovoltaic Cells. Journal of Physical Chemistry B, 2001, 105, 11106-11113.	1.2	60

#	ARTICLE	IF	CITATIONS
469	Toward Controlled Donor-Acceptor Interactions in Noncomposite Polymeric Materials: Synthesis and Characterization of a Novel Polythiophene Incorporating π -Conjugated 1,3-Dithiole-2-ylidene-fluorene Units as Strong π -A Components. <i>Macromolecules</i> , 2001, 34, 2232-2241.	2.2	39
470	Effects of Inserting Highly Polar Salts Between the Cathode and Active Layer of Bulk Heterojunction Photovoltaic Devices. <i>Materials Research Society Symposia Proceedings</i> , 2001, 665, 1.	0.1	5
471	Fullerenes as functional moieties in conjugated polymers: Towards donor-acceptor double cable polymeric materials. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
472	Polarized doping-induced infrared absorption in highly oriented conjugated polymers. <i>Chemical Physics Letters</i> , 2001, 335, 23-26.	1.2	15
473	Tracing photoinduced electron transfer process in conjugated polymer/fullerene bulk heterojunctions in real time. <i>Chemical Physics Letters</i> , 2001, 340, 232-236.	1.2	563
474	An in situ spectrochemical study of the reduction of thin fullerene films. <i>Journal of Electroanalytical Chemistry</i> , 2001, 511, 13-19.	1.9	25
475	Influence of disorder on the photoinduced excitations in phenyl substituted polythiophenes. <i>Journal of Chemical Physics</i> , 2001, 115, 7235-7244.	1.2	34
476	Heteroepitaxial growth of self-assembled highly ordered para-sexiphenyl films: μ -A crystallographic study. <i>Physical Review B</i> , 2001, 64, .	1.1	64
477	Field-effect mobility measurements of conjugated polymer/fullerene photovoltaic blends. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	10
478	Photoinduced Charge Carriers in a Donor-Acceptor Double-Cable Polythiophene with Covalently Bound Tetracyanoanthraquinodimethane Moieties. <i>Materials Research Society Symposia Proceedings</i> , 2000, 660, .	0.1	0
479	Highly Anisotropically Self-Assembled Structures of para-Sexiphenyl Grown by Hot-Wall Epitaxy. <i>Advanced Materials</i> , 2000, 12, 629-633.	11.1	186
480	Vibrational signatures of electrochemical p- and n-doping of poly(3,4-ethylenedioxythiophene) films: an in situ attenuated total reflection Fourier transform infrared (ATR-FTIR) study. <i>Journal of Molecular Structure</i> , 2000, 521, 271-277.	1.8	153
481	Polymeric photovoltaic devices. <i>Materials Today</i> , 2000, 3, 5-8.	8.3	14
482	Photoinduced FT-IR spectroscopy and CW-photocurrent measurements of conjugated polymers and fullerenes blended into a conventional polymer matrix. <i>Solar Energy Materials and Solar Cells</i> , 2000, 61, 19-33.	3.0	28
483	Stability and photodegradation mechanisms of conjugated polymer/fullerene plastic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2000, 61, 35-42.	3.0	254
484	Photoinduced Charge Carriers in a Donor-Acceptor Double-Cable Polythiophene with Covalently Bound Tetracyanoanthraquinodimethane Moieties. <i>Materials Research Society Symposia Proceedings</i> , 2000, 660, 1.	0.1	0
485	Reflectance anisotropy spectroscopy of oriented films of semiconducting polymers. <i>Journal of Chemical Physics</i> , 2000, 113, 789-792.	1.2	19
486	Synthesis, Photophysical Properties, and Photovoltaic Devices of Oligo(p-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (vinylene)	1.2	242

#	ARTICLE	IF	CITATIONS
487	A novel polythiophene with pendant fullerenes: toward donor/acceptor double-cable polymers. <i>Chemical Communications</i> , 2000, , 2487-2488.	2.2	100
488	Multiple Electrochemical Doping-Induced Insulator-to-Conductor Transitions Observed in the Conjugated Ladder Polymer Polybenzimidazobenzophenanthroline (BBL)#. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9430-9437.	1.2	20
489	Photoinduced Charge Transfer between Tetracyano-Anthraquino-Dimethane Derivatives and Conjugated Polymers for Photovoltaics. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8315-8322.	1.1	35
490	Combinatorial Chemistry Approach to Development of Molecular Plastic Solar Cells. , 1999, , .		0
491	Infrared spectroelectrochemical investigations on the doping of soluble poly(isothianaphthene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	54
492	The spin signature of charged photoexcitations in carbazolyl substituted polydiacetylene. <i>Journal of Chemical Physics</i> , 1999, 111, 10354-10361.	1.2	7
493	Photovoltaic properties of conjugated polymer/methanofullerene composites embedded in a polystyrene matrix. <i>Journal of Applied Physics</i> , 1999, 85, 6866-6872.	1.1	142
494	Photoinduced charge carriers in conjugated polymerâ€‘fullerene composites studied with light-induced electron-spin resonance. <i>Physical Review B</i> , 1999, 59, 8019-8025.	1.1	150
495	Polymeric photovoltaic materials. <i>Current Opinion in Solid State and Materials Science</i> , 1999, 4, 373-378.	5.6	85
496	Realization of large area flexible fullerene â€” conjugated polymer photocells: A route to plastic solar cells. <i>Synthetic Metals</i> , 1999, 102, 861-864.	2.1	122
497	Investigations of fullerene thin films with in situ FTIR spectroelectrochemistry. <i>Synthetic Metals</i> , 1999, 103, 2430-2431.	2.1	7
498	Photoexcitations in carbazolyl substituted polydiacetylene (PDA) fullerene composites. <i>Synthetic Metals</i> , 1999, 101, 298-299.	2.1	3
499	Photoinduced ft-ir spectroscopy of conjugated polymer/fullerene composites embedded into conventional host polymer matrices. <i>Synthetic Metals</i> , 1999, 101, 192-193.	2.1	7
500	In situ ftir spectroelectrochemical characterization of poly(3,4-ethylenedioxythiophene) films. <i>Synthetic Metals</i> , 1999, 101, 66.	2.1	68
501	Stability studies and degradation analysis of plastic solar cell materials by FTIR spectroscopy. <i>Synthetic Metals</i> , 1999, 102, 1002-1003.	2.1	54
502	CW-Photocurrent measurements of conjugated polymers and fullerenes blended into a conventional polymer matrix. <i>Synthetic Metals</i> , 1999, 102, 1285-1286.	2.1	8
503	Time resolved photoinduced electron spin resonance studies on conjugated polymer fullerene mixtures in solution. <i>Synthetic Metals</i> , 1999, 101, 356-357.	2.1	4
504	Light-induced ESR studies in conjugated polymer-fullerene composites. <i>Synthetic Metals</i> , 1999, 102, 1241-1242.	2.1	12

#	ARTICLE	IF	CITATIONS
505	Fullerene-Oligophenyl bilayers grown by hot wall epitaxy. <i>Synthetic Metals</i> , 1999, 101, 656-657.	2.1	2
506	Infrared Photospectroelectrochemistry of Germanium/Pedot/Electrolyte Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 345.	0.1	0
507	Electrochemically- and Photo-Induced IR Absorption of Low Band-Gap Polydithienothiophenes: A Comparative Study. <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 349.	0.1	1
508	In Situ Attenuated Total Reflection FTIR Spectroelectrochemistry Of Polybenzimidazobenzophenanthroline (BBL). <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 355.	0.1	0
509	Investigation of photoexcitations of conjugated polymer/fullerene composites embedded in conventional polymers. <i>Journal of Chemical Physics</i> , 1998, 109, 1185-1195.	1.2	44
510	In situ ATR-FTIR spectroscopic investigations during electrochemical reduction of fullerene thin films. , 1998, , .		0
511	Photoexcitations of conjugated polymer-fullerene composites in conventional polymers. , 1997, 3145, 516.		0
512	Electrochemically and photoinduced infrared bands in PPV: a comparative study. , 1997, 3145, 507.		2
513	Dynamic Orientation of Conjugated Oligomers in Nematic Liquid Crystalline Matrices. <i>Synthetic Metals</i> , 1997, 84, 609-610.	2.1	6
514	Electrochemically induced IRAV modes of BeCHA-PPV studied with in situ FTIR-ATR Spectroscopy. <i>Synthetic Metals</i> , 1997, 84, 635-636.	2.1	9
515	Infrared photoexcitation spectra of conducting polymer/methanofullerene films. <i>Synthetic Metals</i> , 1997, 84, 857-858.	2.1	2
516	Dynamic orientation of oligothiophenes in nematic liquid crystalline matrices. <i>Synthetic Metals</i> , 1996, 80, 137-141.	2.1	4
517	Subpicosecond photoinduced electron transfer from conjugated polymers to functionalized fullerenes. <i>Journal of Chemical Physics</i> , 1996, 104, 4267-4273.	1.2	165
518	Photoinduced Electron Transfer Between Conjugated Polymers and a Homologous Series of TCNQ Derivatives. <i>Journal De Physique</i> , I, 1996, 6, 2151-2158.	1.2	5
519	<title>Effects of the surrounding medium on the photophysics of conjugated oligomers mixed with C<math>\langle inf \rangle \langle roman \rangle 60 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle \langle /title \rangle . , 1996, , .		0
520	<title>Nonlinear optical changes in the complex index of refraction in conducting polymer-methanofullerene films evaluated by photoexcitation spectroscopy</title>. , 1996, , .		0
521	Polarized photoluminescence of oligothiophenes in nematic liquid crystalline matrices. <i>Advanced Materials</i> , 1996, 8, 651-654.	11.1	37
522	Absorption-detected magnetic-resonance studies of photoexcitations in conjugated-polymer/C60composites. <i>Physical Review B</i> , 1996, 53, 2187-2190.	1.1	116

#	ARTICLE	IF	CITATIONS
523	Photoinduced absorption and photoinduced reflectance in conducting polymer/methanofullerene films: Nonlinear-optical changes in the complex index of refraction. <i>Physical Review B</i> , 1996, 54, 10525-10529.	1.1	19
524	Role of Buckminsterfullerene, C ₆₀ , in organic photoelectric devices. <i>Progress in Quantum Electronics</i> , 1995, 19, 131-159.	3.5	118
525	Spectral and photocarrier dynamics in thin films of pristine and alkali-doped C ₆₀ . <i>Thin Solid Films</i> , 1995, 257, 233-243.	0.8	31
526	Photoinduced electron transfer from π -conjugated polymers onto Buckminsterfullerene, fullerenoids, and methanofullerenes. <i>Journal of Chemical Physics</i> , 1995, 103, 788-793.	1.2	66
527	NMR evidence for the metallic nature of highly conducting polyaniline. <i>Physical Review B</i> , 1995, 51, 1541-1545.	1.1	18
528	Photoinduced electron transfer reactions in mixed films of π -conjugated polymers and a homologous series of tetracyanoquinodimethane derivatives. <i>Journal of Chemical Physics</i> , 1995, 103, 8840-8845.	1.2	65
529	Triplet-state photoexcitations and triplet-energy transfer in poly(3-alkylthiophene)/C ₆₀ solutions. <i>Synthetic Metals</i> , 1995, 70, 1343-1344.	2.1	3
530	Photoinduced absorption spectroscopy of oligothiophene/C ₆₀ mixtures in films and solutions. <i>Synthetic Metals</i> , 1995, 70, 1345-1346.	2.1	4
531	Photophysics of semiconducting polymer-C ₆₀ composites: A comparative study. <i>Synthetic Metals</i> , 1995, 70, 1349-1352.	2.1	22
532	Large enhancement of the transient and steady-state photoconductivity of conducting polymer/C ₆₀ composite films. <i>Synthetic Metals</i> , 1995, 70, 1353-1356.	2.1	8
533	Picosecond transient photoconductivity in a soluble derivative of poly(p-phenylene vinylene). <i>Synthetic Metals</i> , 1995, 75, 127-131.	2.1	19
534	Enhanced nonlinear absorption and optical limiting in semiconducting polymer/methanofullerene charge transfer films. <i>Applied Physics Letters</i> , 1995, 67, 3850-3852.	1.5	105
535	Photoinduced electron transfer processes in oligothiophene/C ₆₀ composite films. <i>Journal of Chemical Physics</i> , 1995, 102, 2628-2635.	1.2	62
536	Role of buckminsterfullerene, C ₆₀ , in organic polymeric photoelectric devices. , 1995, , .		2
537	Infrared reflectance of polypyrrole: π -metal TM with a gap in the spectrum of charged excitations. <i>Synthetic Metals</i> , 1995, 68, 287-291.	2.1	68
538	Photoinduced electron transfer and long lived charge separation in a donor-bridge-acceptor supramolecular π -diad TM consisting of ruthenium(II) tris(bipyridine) functionalized C ₆₀ . <i>Chemical Physics Letters</i> , 1995, 247, 510-514.	1.2	99
539	Magnetic resonance evidence for metallic state in highly conducting polyaniline. <i>Synthetic Metals</i> , 1995, 69, 243-244.	2.1	12
540	Infrared photoexcitation spectroscopy in soluble derivatives of poly(p-phenylenevinylene) and composites with C ₆₀ . <i>Synthetic Metals</i> , 1995, 69, 445-446.	2.1	7

#	ARTICLE	IF	CITATIONS
541	Photoinduced absorption of π -conjugated polymers in solution. <i>Synthetic Metals</i> , 1995, 69, 441-442.	2.1	13
542	Nonlinear absorption in charge-transfer films. , 1995, , .		1
543	Infrared Photoexcitation Spectroscopy of Conducting Polymer and C60 Composites: Direct Evidence of Photo-Induced Electron Transfer. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 739-744.	0.3	4
544	REVERSIBLE, METASTABLE, ULTRAFAST PHOTOINDUCED ELECTRON TRANSFER FROM SEMICONDUCTING POLYMERS TO BUCKMINSTERFULLERENE AND IN THE CORRESPONDING DONOR/ACCEPTOR HETEROJUNCTIONS. <i>International Journal of Modern Physics B</i> , 1994, 08, 237-274.	1.0	164
545	Subpicosecond Photoinduced Electron Transfer in Semiconducting Polymer - C ₆₀ Composites. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 733-738.	0.3	19
546	Reversible, Metastable, Ultrafast Photoinduced Electron Transfer in Conjugated Polymer and Buckminsterfullerene Composites and Heterojunctions. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 317-326.	0.3	8
547	Transient Photoconductivity of MEH-PPV and Its Sensitization by C ₆₀ . <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 745-750.	0.3	8
548	Electron and energy transfer processes of photoexcited oligothiophenes onto tetracyanoethylene and C60. <i>Journal of Chemical Physics</i> , 1994, 101, 9519-9527.	1.2	77
549	Direct evidence of photoinduced electron transfer in conducting-polymer-C ₆₀ composites by infrared photoexcitation spectroscopy. <i>Physical Review B</i> , 1994, 49, 5781-5784.	1.1	94
550	Triplet-state photoexcitations of oligothiophene films and solutions. <i>Journal of Chemical Physics</i> , 1994, 101, 1787-1798.	1.2	151
551	Ultrafast spectroscopic studies of photoinduced electron transfer from semiconducting polymers to C ₆₀ . <i>Physical Review B</i> , 1994, 50, 18543-18552.	1.1	179
552	Paramagnetic susceptibility of highly conducting polyaniline: Disordered metal with weak electron-electron interactions (Fermi glass). <i>Physical Review B</i> , 1994, 49, 5988-5992.	1.1	105
553	Symmetry-specific electron-phonon coupling for electronic states near the Fermi energy of metallic polyaniline: resonant Raman scattering. <i>Synthetic Metals</i> , 1994, 62, 107-112.	2.1	18
554	Absence of photoinduced electron transfer from the excitonic electron-hole bound state in polydiacetylene conjugated polymers. <i>Physical Review B</i> , 1994, 50, 12044-12051.	1.1	38
555	Photoinduced absorption of conjugated polymer/C60 solutions: Evidence of triplet-state photoexcitations and triplet-energy transfer in poly(3-alkylthiophene). <i>Journal of Chemical Physics</i> , 1994, 100, 8641-8645.	1.2	48
556	<title>Subpicosecond photo-induced electron transfer from conjugated polymers to C60</title>. , 1994, , .		0
557	Triplet State Photoexcitations in Frozen Solutions of Oligothiophenes. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 487-492.	0.3	2
558	Electron Transfer and Energy Transfer Reactions in Photoexcited π -Nonathiophene/C ₆₀ Films and Solutions. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 921-926.	0.3	1

#	ARTICLE	IF	CITATIONS
559	Ultrafast photoinduced electron transfer in conducting polymer-buckminsterfullerene composites. Chemical Physics Letters, 1993, 213, 389-394.	1.2	161
560	Semiconducting polymer-buckminsterfullerene heterojunctions: Diodes, photodiodes, and photovoltaic cells. Applied Physics Letters, 1993, 62, 585-587.	1.5	887
561	Spectroscopic characterization of a new, stable and soluble polyacetylene blend. Synthetic Metals, 1993, 55, 153-158.	2.1	1
562	Observation of a photoinduced electron transfer from a conducting polymer (MEHPPV) onto C60. Synthetic Metals, 1993, 56, 3125-3130.	2.1	25
563	Semiconducting polymers (as donors) and buckminsterfullerene (as acceptor): photoinduced electron transfer and heterojunction devices. Synthetic Metals, 1993, 59, 333-352.	2.1	119
564	Surfactant counter-ion induced processability of polyaniline: Photoinduced absorption studies. Synthetic Metals, 1993, 55, 188-193.	2.1	13
565	Photoinduced and electroabsorption spectroscopy of a new, stable and soluble polyacetylene blend. Synthetic Metals, 1993, 55, 159-164.	2.1	3
566	Temperature dependent spectroelectrochemical measurements on end-capped oligothiophenes. Synthetic Metals, 1993, 57, 4728-4733.	2.1	42
567	Spectroscopic studies of a soluble and stable polyacetylene blend. Synthetic Metals, 1993, 53, 161-174.	2.1	52
568	Overhauser shift due to dynamic nuclear polarization on the conduction electron spin resonance in fully doped polythiophene at 1.9 K. Synthetic Metals, 1993, 55, 624-629.	2.1	1
569	Absorption spectroscopy of nonlinear excitations in polyaniline. Journal of Chemical Physics, 1993, 98, 2664-2669.	1.2	30
570	Sensitization of the photoconductivity of conducting polymers by C60: Photoinduced electron transfer. Physical Review B, 1993, 48, 15425-15433.	1.1	225
571	Photoexcitation spectroscopy of conducting-polymer-C60 composites: Photoinduced electron transfer. Physical Review B, 1993, 47, 13835-13842.	1.1	280
572	<title>Photoinduced electron transfer from conducting polymers onto Buckminsterfullerene</title>. , 1993, 1852, 297.		8
573	<title>Photoexcitation spectroscopy of photoinduced electron transfer in conducting polymer-Buckminsterfullerene composites</title>. , 1993, 1852, 316.		0
574	Third generation of conducting polymers: Spectroelectrochemical investigations on viologen functionalized poly (3-alkylthiophenes). Journal of Chemical Physics, 1992, 96, 7164-7170.	1.2	31
575	Structural effects on the spin distribution anomaly of viologens. Molecular Physics, 1992, 75, 1269-1274.	0.8	2
576	On the spin distribution in bridged anthracene-viologen molecules: an electron-nuclear double resonance study. Molecular Physics, 1992, 75, 1259-1267.	0.8	6

#	ARTICLE	IF	CITATIONS
577	Photoinduced Electron Transfer from a Conducting Polymer to Buckminsterfullerene. <i>Science</i> , 1992, 258, 1474-1476.	6.0	4,037
578	Overhauser shift of the electron spin resonance in the conducting form of polythiophene. <i>Chemical Physics Letters</i> , 1992, 192, 375-378.	1.2	5
579	Optical studies on the intramolecular charge transfer properties of conjugated bridged donor-acceptor supermolecules. <i>Synthetic Metals</i> , 1991, 42, 2399-2402.	2.1	3
580	Motional dynamics in polythiophenes: a solid-state proton NMR study. <i>Journal of the American Chemical Society</i> , 1991, 113, 8243-8246.	6.6	10
581	In situ FTIR studies on the structural mechanism of zwitter - viologen system during electrochemical charge - transfer reactions. <i>Synthetic Metals</i> , 1991, 43, 2971-2974.	2.1	6
582	Evidence for counterion complexation in the conducting state of viologen-functionalized poly (3-alkylthiophenes). <i>Chemical Physics Letters</i> , 1991, 182, 326-330.	1.2	6
583	Synthesis and properties of carboxy-functionalized poly(3-alkylthienylenes). <i>Advanced Materials</i> , 1990, 2, 490-494.	11.1	53
584	Resonance Raman spectroscopy of the emeraldine insulator-to-metal phase transition. <i>Synthetic Metals</i> , 1990, 36, 83-93.	2.1	39
585	Structural and electronic transitions in polyaniline: A Fourier transform infrared spectroscopic study. <i>Journal of Chemical Physics</i> , 1990, 92, 4530-4539.	1.2	170
586	Plasma reflection of polycrystalline $YBa_2Cu_3O_{7-x}$. <i>Solid State Communications</i> , 1989, 69, 363-365.	0.9	9
587	Evidence for Two Separate Doping Mechanisms in the Polyaniline System. <i>Physical Review Letters</i> , 1988, 60, 212-215.	2.9	70
588	Optical spectroscopy and resonance Raman scattering of polyaniline during electrochemical oxidation and reduction. <i>Synthetic Metals</i> , 1987, 21, 157-162.	2.1	43
589	spectro-electrochemical studies of polyaniline. <i>Synthetic Metals</i> , 1987, 18, 353-358.	2.1	54
590	Adamantane Substitution Effects on Crystallization and Electrooptical Properties of Epindolidione and Quinacridone Dyes. <i>ChemPhotoChem</i> , 0, , .	1.5	1
591	Polyfullerenes for Organic Photovoltaics. , 0, , 171-187.		1
592	Photoconductivity of Micrometer Long Organic Single Crystal Fiber Array Prepared by Evaporation-Induced Self-Assembled Method. <i>Israel Journal of Chemistry</i> , 0, , .	1.0	1