

# Johannes Gierschner

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148  
papers

9,788  
citations

49  
h-index

96  
g-index

155  
ext. papers

10,819  
ext. citations

8.1  
avg. IF

6.35  
L-index

#	Paper	IF	Citations
148	Quantum-chemistry study of the ground and excited state absorption of distyrylbenzene: Multi vs single reference methods.. <i>Journal of Chemical Physics</i> , <b>2022</b> , 156, 044102	3.9	0
147	Water-soluble Organic Photocatalyst Discovered for Highly Efficient Additive-Free Visible-Light-Driven Grafting of Polymers from a Protein at Ambient and Aqueous Environments.. <i>Advanced Materials</i> , <b>2022</b> , e2108446	24	3
146	Monitoring tautomerization of single hypericin molecules in a tunable optical $\mu$ 2 microcavity.. <i>Journal of Chemical Physics</i> , <b>2022</b> , 156, 014203	3.9	0
145	Pure Boric Acid Does Not Show Room Temperature Phosphorescence (RTP).. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	2
144	Dual Emission: Classes, Mechanisms, and Conditions. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22624-22638	16.4	42
143	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002251	8.1	36
142	Theoretical and Experimental Evidence of Two-Step Tautomerization in Hypericin. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2000170	1.9	1
141	Duale Emission: Klassen, Mechanismen und Bedingungen. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22804	3.6	2
140	Direct Observation of Structural Heterogeneity and Tautomerization of Single Hypericin Molecules. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 1025-1031	6.4	2
139	Self-Assembled Amphiphilic Molecules for Highly Efficient Photocatalytic Hydrogen Evolution from Water. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 6971-6978	3.8	1
138	Combined Spectroscopic and TD-DFT Analysis to Elucidate Substituent and Acidochromic Effects in Organic Dyes: A Case Study on Amino- versus Nitro-Substituted 2,4-Diphenylquinolines. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1797-1804	3.2	2
137	Tuning Solid-State Luminescence in Conjugated Organic Materials: Control of Excitonic and Excimeric Contributions through $\pi$ -Stacking and Halogen Bond Driven Self-Assembly. <i>ChemPhysChem</i> , <b>2020</b> , 21, 616-624	3.2	14
136	Counterion-Mediated Crossing of the Cyanine Limit in Crystals and Fluid Solution: Bond Length Alternation and Spectral Broadening Unveiled by Quantum Chemistry. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 2835-2843	16.4	19
135	Tricolor fluorescence switching in a single component mechanochromic molecular material. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7417-7421	7.1	11
134	Synthesis of solvent-free acrylic pressure-sensitive adhesives via visible-light-driven photocatalytic radical polymerization without additives. <i>Green Chemistry</i> , <b>2020</b> , 22, 8289-8297	10	6
133	Distinct Helical Molecular Orbitals through Conformational Lock*. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 17342-17349	4.8	8
132	Unraveling the Origin of High-Efficiency Photoluminescence in Mixed-Stack Isostructural Crystals of Organic Charge-Transfer Complex: Fine-Tuning of Isometric Donor-Acceptor Pairs. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 20377-20387	3.8	5

131	Turn-on solid state luminescence by solvent-induced modification of intermolecular interactions. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 15742-15750	7.1	4
130	Assembly-Induced Bright-Light Emission from Solution-Processed Platinum(II) Inorganic Polymers. <i>ACS Omega</i> , <b>2019</b> , 4, 10192-10204	3.9	5
129	Inverted energy gap law for the nonradiative decay in fluorescent floppy molecules: larger fluorescence quantum yields for smaller energy gaps. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1948-1954	5.2	29
128	Probing the Molecular Orientation of a Single Conjugated Polymer via Nanogap SERS. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 1175-1180	4.3	7
127	Crossed 2D versus Slipped 1D $\pi$ -Stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900749	8.1	9
126	Organic Photocatalyst for ppm-Level Visible-Light-Driven Reversible Addition-Fragmentation Chain-Transfer (RAFT) Polymerization with Excellent Oxygen Tolerance. <i>Macromolecules</i> , <b>2019</b> , 52, 5538-5545	5.5	37
125	Excited-state non-radiative decay in stilbenoid compounds: an ab initio quantum-chemistry study on size and substituent effects. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 22429-22439	3.6	9
124	Highly Efficient and Stable Inverted Perovskite Solar Cell Obtained via Treatment by Semiconducting Chemical Additive. <i>Advanced Materials</i> , <b>2019</b> , 31, e1805554	24	71
123	Supramolecular Materials: Light-Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution (Adv. Funct. Mater. 4/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870027	15.6	
122	Designing high performance all-small-molecule solar cells with non-fullerene acceptors: comprehensive studies on photoexcitation dynamics and charge separation kinetics. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 211-220	35.4	27
121	Light-Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705141	15.6	49
120	Highly efficient organic photocatalysts discovered via a computer-aided-design strategy for visible-light-driven atom transfer radical polymerization. <i>Nature Catalysis</i> , <b>2018</b> , 1, 794-804	36.5	78
119	Insight into Water-Soluble Highly Fluorescent Low-Dimensional Host-Guest Supramolecular Polymers: Structure and Energy-Transfer Dynamics Revealed by Polarized Fluorescence Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3870-3877	6.4	8
118	Highly Light-Sensitive Luminescent Cyanostilbene Flexible Dimers. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1600860	8.1	22
117	"Though It Be but Little, It Is Fierce": Excited State Engineering of Conjugated Organic Materials by Fluorination. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 91-101	6.4	19
116	Determining molecular orientation via single molecule SERS in a plasmonic nano-gap. <i>Nanoscale</i> , <b>2017</b> , 9, 17415-17421	7.7	28
115	Solid State Luminescence Enhancement in $\pi$ -Conjugated Materials: Unraveling the Mechanism beyond the Framework of AIE/AIEE. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 23166-23183	3.8	120
114	Twist-Elasticity-Controlled Crystal Emission in Highly Luminescent Polymorphs of Cyano-Substituted Distyrylbenzene (DCS). <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700340	8.1	21

113	Molecular-scale shear response of the organic semiconductor $\text{EBDCS}$ (100) surface. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	2
112	Fluorescent carborane $\pi$ inylstilbene functionalised octasilsesquioxanes: synthesis, structural, thermal and photophysical properties. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 10211-10219	7.1	34
111	Excited state absorption spectra of dissolved and aggregated distyrylbenzene: A TD-DFT state and vibronic analysis. <i>Journal of Chemical Physics</i> , <b>2017</b> , 147, 034903	3.9	13
110	Crystallization-Induced Emission Enhancement and Amplified Spontaneous Emission from a $\text{CF}_3$ -Containing Excited-State Intramolecular-Proton-Transfer Molecule. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700353	8.1	25
109	Tetrakis[[(p-dodecacarboranyl)methyl]stilbenyl]ethylene: A Luminescent Tetraphenylethylene (TPE) Core System. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4575-4580	2.3	25
108	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16425-16429	3.6	32
107	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16207-16211	16.4	108
106	Highly Luminescent 2D-Type Slab Crystals Based on a Molecular Charge-Transfer Complex as Promising Organic Light-Emitting Transistor Materials. <i>Advanced Materials</i> , <b>2017</b> , 29, 1701346	24	80
105	Naphthalenediimide Polymers with Finely Tuned In-Chain $\pi$ Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. <i>Advanced Materials</i> , <b>2016</b> , 28, 9169-9174	24	49
104	Photoluminescence in Carborane-Stilbene Triads: A Structural, Spectroscopic, and Computational Study. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 13588-98	4.8	33
103	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 16147-16151	3.6	21
102	$\pi$ Conjugated? Copolymers from a Pechmann Dye Derivative. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 2068-2073	2.6	3
101	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15915-15919	16.4	75
100	Resonant Energy Transport in Dye-Filled Monolithic Crystals of Zeolite L: Modeling of Inhomogeneity. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27192-27199	3.8	11
99	Effective conjugation in conjugated polymers with strongly twisted backbones: a case study on fluorinated MEHPPV. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 6900-6906	7.1	22
98	Synthesis and conformation of a novel fluorescein $\pi$ n-porphyrin dyad and intramolecular energy transfer. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 3843-3856	3.6	13
97	Stabilizing and Modulating Color by Copigmentation: Insights from Theory and Experiment. <i>Chemical Reviews</i> , <b>2016</b> , 116, 4937-82	68.1	258
96	Calculation of low bandgap homopolymers: Comparison of TD-DFT methods with experimental oligomer series. <i>Chemical Physics Letters</i> , <b>2016</b> , 645, 169-173	2.5	26

95	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. <i>Chemical Science</i> , <b>2016</b> , 7, 2359-2363	9.4	41
94	Sub-nanometer resolution of an organic semiconductor crystal surface using friction force microscopy in water. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 134002	1.8	3
93	Polymorphism and Amplified Spontaneous Emission in a Dicyano-Distyrylbenzene Derivative with Multiple Trifluoromethyl Substituents: Intermolecular Interactions in Play. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2349-2356	15.6	40
92	Organic Single Crystal Lasers: A Materials View. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 348-364	8.1	163
91	Stimuli-Responsive Reversible Fluorescence Switching in a Crystalline Donor-Acceptor Mixture Film: Mixed Stack Charge-Transfer Emission versus Segregated Stack Monomer Emission. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 211-215	3.6	32
90	Stimuli-Responsive Reversible Fluorescence Switching in a Crystalline Donor-Acceptor Mixture Film: Mixed Stack Charge-Transfer Emission versus Segregated Stack Monomer Emission. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 203-7	16.4	119
89	Tuning of the electronic and photophysical properties of ladder-type quaterphenyl by selective methylene-bridge fluorination. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 16501-8	3.6	9
88	Regio(ir)regular naphthalenediimide- and perylenediimide-bithiophene copolymers: how MO localization controls the bandgap. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 9405-9410	7.1	11
87	Lasing: Organic Single Crystal Lasers: A Materials View (Advanced Optical Materials 3/2016). <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 347-347	8.1	3
86	Shear-Triggered Crystallization and Light Emission of a Thermally Stable Organic Supercooled Liquid. <i>ACS Central Science</i> , <b>2015</b> , 1, 94-102	16.8	58
85	Bent-core liquid crystalline cyanostilbenes: fluorescence switching and thermochromism. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 11715-24	3.6	33
84	Excited State Features and Dynamics in a Distyrylbenzene-Based Mixed Stack Donor-Acceptor Cocrystal with Luminescent Charge Transfer Characteristics. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 3682-7	6.4	38
83	A distyrylbenzene based highly efficient deep red/near-infrared emitting organic solid. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 231-234	7.1	43
82	Optical properties of wine pigments: theoretical guidelines with new methodological perspectives. <i>Tetrahedron</i> , <b>2015</b> , 71, 3079-3088	2.4	23
81	Vibronic coupling in molecular crystals: A Franck-Condon Herzberg-Teller model of H-aggregate fluorescence based on quantum chemical cluster calculations. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 114116	3.9	32
80	High-Contrast Red-Green-Blue Tricolor Fluorescence Switching in Bicomponent Molecular Film. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4404-4407	3.6	19
79	Suppressing molecular motions for enhanced room-temperature phosphorescence of metal-free organic materials. <i>Nature Communications</i> , <b>2015</b> , 6, 8947	17.4	269
78	High-contrast red-green-blue tricolor fluorescence switching in bicomponent molecular film. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4330-3	16.4	114

77	Orthogonal Resonator Modes and Low Lasing Threshold in Highly Emissive Distyrylbenzene-Based Molecular Crystals. <i>Advanced Optical Materials</i> , <b>2014</b> , 2, 542-548	8.1	24
76	Design principles of chemiluminescence (CL) chemodosimeter for self-signaling detection: luminol protective approach. <i>RSC Advances</i> , <b>2014</b> , 4, 46488-46493	3.7	7
75	Rationally designed molecular DAD triad for piezochromic and acidochromic fluorescence on/off switching. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 2552	7.1	65
74	Molecular resolution friction microscopy of Cu phthalocyanine thin films on dolomite (104) in water. <i>Nanoscale</i> , <b>2014</b> , 6, 8334-9	7.7	11
73	Energy Transfer at the Zeolite L Boundaries: Towards Photo- and Electroresponsive Materials. <i>ChemPlusChem</i> , <b>2014</b> , 79, 45-57	2.8	34
72	Highly Emissive H-Aggregates or Aggregation-Induced Emission Quenching? The Photophysics of All-Trans para-Distyrylbenzene. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 2686-2697	6.4	216
71	Luminescent distyrylbenzenes: tailoring molecular structure and crystalline morphology. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5818	7.1	321
70	Fluoro-functionalization of vinylene units in a polyarylenevinylene for polymer solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 715-727	13	22
69	Correlation effects in the optical spectra of porphyrin oligomer chains: exciton confinement and length dependence. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 024312	3.9	29
68	Tailor-made highly luminescent and ambipolar transporting organic mixed stacked charge-transfer crystals: an isometric donor-acceptor approach. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4757-64	16.4	243
67	Color-Tuned, Highly Emissive Dicyanodistyrylbenzene Single Crystals: Manipulating Intermolecular Stacking Interactions for Spontaneous and Stimulated Emission Characteristics. <i>Advanced Optical Materials</i> , <b>2013</b> , 1, 232-237	8.1	77
66	Stimulated Emission Properties of Sterically Modified Distyrylbenzene-Based H-Aggregate Single Crystals. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 1597-602	6.4	61
65	Computational engineering of low bandgap copolymers. <i>Frontiers in Chemistry</i> , <b>2013</b> , 1, 35	5	49
64	Computational design of low singlet/triplet gap all-organic molecules for OLED application. <i>Organic Electronics</i> , <b>2012</b> , 13, 985-991	3.5	77
63	Conjugated cyanostilbene derivatives: a unique self-assembly motif for molecular nanostructures with enhanced emission and transport. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 544-54	24.3	563
62	Unique piezochromic fluorescence behavior of dicyanodistyrylbenzene based donor-acceptor-donor triad: mechanically controlled photo-induced electron transfer (eT) in molecular assemblies. <i>Advanced Materials</i> , <b>2012</b> , 24, 5487-92	24	184
61	Directional exciton transport in supramolecular nanostructured assemblies. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 13146-53	3.6	29
60	Conjugation. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , <b>2012</b> , 2, 513-524	7.9	42

59	UV/Visible spectra of natural polyphenols: A time-dependent density functional theory study. <i>Food Chemistry</i> , <b>2012</b> , 131, 79-89	8.5	144
58	Stimulated resonance Raman scattering and laser oscillation in highly emissive distyrylbenzene-based molecular crystals. <i>Advanced Materials</i> , <b>2012</b> , 24, 6473-8	24	55
57	Tuning interchain and intrachain interactions in polyfluorene copolymers. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	30
56	Oligothienoacenes versus oligothiophenes: impact of ring fusion on the optical properties. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 1457-65	3.6	30
55	Polarized Fluorescence from Single Stopcock Molecules at Channel Entrances of an All-Organic Host-Guest Compound. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 1088-1090	9.6	6
54	Excited-state switching by per-fluorination of para-oligophenylenes. <i>Journal of Chemical Physics</i> , <b>2011</b> , 135, 124509	3.9	23
53	Alignment and relaxation dynamics of dye molecules in host-guest inclusion compounds as probed by dielectric spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 6956-63	2.8	11
52	Electronic properties and supramolecular organization of terminal bis(alkylethynyl)-substituted benzodithiophenes. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 14614-20	3.4	10
51	Multistimuli two-color luminescence switching via different slip-stacking of highly fluorescent molecular sheets. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 13675-83	16.4	785
50	Weak forces at work in dye-loaded zeolite materials: spectroscopic investigation on cation-sulfur interactions. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 2599-605	3.6	6
49	Theoretical characterization of charge transport in one-dimensional collinear arrays of organic conjugated molecules. <i>ChemPhysChem</i> , <b>2010</b> , 11, 1062-8	3.2	34
48	A Deep-Red-Emitting Perylenediimide-Iridium-Complex Dyad: Following the Photophysical Deactivation Pathways. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 19292-19297	3.8	36
47	Excitonic versus electronic couplings in molecular assemblies: The importance of non-nearest neighbor interactions. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 044105	3.9	122
46	A white-light-emitting molecule: frustrated energy transfer between constituent emitting centers. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14043-9	16.4	479
45	Conjugated polymers with large effective Stokes shift: benzobisdioxole-based poly(phenylene ethynylene)s. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17321-7	16.4	55
44	Electronic structure of small band gap oligomers based on cyclopentadithiophenes and acceptor units. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 5343		59
43	On the origin of small band gaps in alternating thiophene-thienopyrazine oligomers. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 10343-50	2.8	35
42	Spatial control of 3D energy transfer in supramolecular nanostructured host-guest architectures. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 10566-70	3.4	20

41	Conformational disorder and ultrafast exciton relaxation in PPV-family conjugated polymers. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 656-67	3.4	130
40	Spectroscopic signatures for planar equilibrium geometries in methyl-substituted oligothiophenes. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 984-90	3.6	42
39	Efficient deep-red light-emitting electrochemical cells based on a perylene diimide-iridium-complex dyad. <i>Chemical Communications</i> , <b>2009</b> , 3886-8	5.8	96
38	Dynamics of guest molecules in PHTP inclusion compounds as probed by solid-state NMR and fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 4996-5009	3.6	17
37	An oligomer study on small band gap polymers. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 10764-73	2.8	64
36	Highly fluorinated benzobisbenzothiophenes. <i>Organic Letters</i> , <b>2008</b> , 10, 3307-10	6.2	124
35	EDOT-type materials: planar but not rigid. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 13282-6	2.8	34
34	Molecular packing effects on the optical spectra and triplet dynamics in oligofluorene films. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 11605-9	3.4	17
33	Independent tuning of electronic levels in pentacene by site-specific substitution. <i>ChemPhysChem</i> , <b>2008</b> , 9, 1519-23	3.2	33
32	Oligophenylenevinyls in Spatially Confined Nanochannels: Monitoring Intermolecular Interactions by UV/Vis and Raman Spectroscopy. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 915-921	15.6	20
31	A new functionalization strategy for pentacene. <i>Chemical Communications</i> , <b>2007</b> , 4746-8	5.8	42
30	Three-dimensional energy transport in highly luminescent host-guest crystals: a quantitative experimental and theoretical study. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8585-93	16.4	53
29	Optical Bandgaps of $\pi$ -Conjugated Organic Materials at the Polymer Limit: Experiment and Theory. <i>Advanced Materials</i> , <b>2007</b> , 19, 173-191	24	514
28	Liquid crystalline octaalkoxycarbonyl phthalocyanines: design, synthesis, electronic structure, self-aggregation and mesomorphism. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 1777-1784		51
27	Effect of fluorination on the electronic structure and optical excitations of $\pi$ -conjugated molecules. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 111101	3.9	76
26	Optical spectroscopy of a polyfluorene copolymer at high pressure: intra- and intermolecular interactions. <i>Physical Review Letters</i> , <b>2007</b> , 99, 167401	7.4	84
25	Hole-vibronic coupling in oligothiophenes: impact of backbone torsional flexibility on relaxation energies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2007</b> , 365, 1435-52	3	56
24	Migration-assisted nonlinear quenching in random media. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 1527	1.7	2



23	Electronic Structure and Charge-Transport Properties of Polythiophene Chains Containing Thienothiophene Units: A Joint Experimental and Theoretical Study. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 4949-4956	9.6	60
22	Highly fluorescent crystalline and liquid crystalline columnar phases of pyrene-based structures. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7653-9	3.4	157
21	Breakdown of the mirror image symmetry in the optical absorption/emission spectra of oligo(para-phenylene)s. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 54501	3.9	105
20	Comment on "Structure-property relationships for electron-vibrational coupling in conjugated organic oligomeric systems". <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 22081; discussion 22082-3	3.4	1
19	Design of pi-conjugated organic materials for one-dimensional energy transport in nanochannels. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 4872-80	3.4	39
18	Solid-state optical properties of linear polyconjugated molecules: pi-stack contra herringbone. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 144914	3.9	175
17	Nanometric scale investigation of the nonlinear efficiency of perhydrotriphenylene inclusion compounds. <i>Chemical Physics</i> , <b>2005</b> , 318, 12-20	2.3	26
16	Theoretical Characterization and Design of End-Substituted Distyrylbenzenes as Excitation Shuttles in One-Dimensional Channels. <i>Advanced Materials</i> , <b>2004</b> , 16, 1193-1197	2.4	21
15	Modeling of the Optical Properties of Cofacial Chromophore Pairs: Stilbenophane. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 257-263	2.8	61
14	Luminescence of Conjugated Molecules Confined in Nanochannels. <i>Synthetic Metals</i> , <b>2003</b> , 137, 1449-1456	3.6	25
13	Optical spectra of oligothiophenes: vibronic states, torsional motions, and solvent shifts. <i>Synthetic Metals</i> , <b>2003</b> , 138, 311-315	3.6	78
12	Fluorescence and absorption spectra of oligophenylenevinylens: Vibronic coupling, band shapes, and solvatochromism. <i>Journal of Chemical Physics</i> , <b>2002</b> , 116, 8596	3.9	242
11	Polarizability effects and energy transfer in quinquethiophene doped bithiophene and OPV films. <i>Synthetic Metals</i> , <b>2002</b> , 127, 221-227	3.6	48
10	Highly luminescent oligo(phenylenevinylene) films: the stereochemical approach. <i>Synthetic Metals</i> , <b>2001</b> , 121, 1641-1642	3.6	21
9	Evolution of optical absorption from small oligomers to ideally conjugated PPV and MEH-PPV polymers. <i>Synthetic Metals</i> , <b>2001</b> , 121, 1693-1694	3.6	20
8	One dimensional coupling of oligophenylenevinylens in perhydrotriphenylene matrices. <i>Synthetic Metals</i> , <b>2001</b> , 121, 1695-1696	3.6	7
7	Optical constants of highly oriented oligothiophene films and nanoparticles. <i>Optical Materials</i> , <b>1999</b> , 12, 395-401	3.3	24
6	Electronic deactivation and energy transfer in doped oligophenylenevinylene nanoparticles. <i>Journal of Fluorescence</i> , <b>1998</b> , 8, 37-44	2.4	30

5	Tuning of Fluorescence in Films and Nanoparticles of Oligophenylenevinylenes. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 1902-1907	3.4	323
4	Tuning of fluorescence in films and nanoparticles of oligo-phenylenevinylenes <b>1997</b> , 3145, 242		4
3	Absorption, fluorescence and light scattering of oligothiophene and oligophenylenevinylene nanoaggregates. <i>Synthetic Metals</i> , <b>1997</b> , 84, 529-530	3.6	58
2	Electronic deactivation in single chains, nano-aggregates and ultrathin films of conjugated oligomers. <i>Synthetic Metals</i> , <b>1996</b> , 76, 249-253	3.6	163
1	Characterization of oriented oligo(phenylenevinylene) films and nano-aggregates by UV/Vis-absorption and fluorescence spectroscopy. <i>Synthetic Metals</i> , <b>1996</b> , 83, 221-226	3.6	67