Johannes Gierschner

List of Publications by Citations

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	Multistimuli two-color luminescence switching via different slip-stacking of highly fluorescent molecular sheets. *Journal of the American Chemical Society*, **2010**, 132, 13675-83	16.4	785
147	Conjugated cyanostilbene derivatives: a unique self-assembly motif for molecular nanostructures with enhanced emission and transport. *Accounts of Chemical Research*, **2012**, 45, 544-54	24.3	563
146	Optical Bandgaps of Conjugated Organic Materials at the Polymer Limit: Experiment and Theory. *Advanced Materials*, **2007**, 19, 173-191	24	514
145	A white-light-emitting molecule: frustrated energy transfer between constituent emitting centers. *Journal of the American Chemical Society*, **2009**, 131, 14043-9	16.4	479
144	Tuning of Fluorescence in Films and Nanoparticles of Oligophenylenevinylenes. *Journal of Physical Chemistry B*, **1998**, 102, 1902-1907	3.4	323
143	Luminescent distyrylbenzenes: tailoring molecular structure and crystalline morphology. *Journal of Materials Chemistry C*, **2013**, 1, 5818	7.1	321
142	Suppressing molecular motions for enhanced room-temperature phosphorescence of metal-free organic materials. *Nature Communications*, **2015**, 6, 8947	17.4	269
141	Stabilizing and Modulating Color by Copigmentation: Insights from Theory and Experiment. *Chemical Reviews*, **2016**, 116, 4937-82	68.1	258
140	Tailor-made highly luminescent and ambipolar transporting organic mixed stacked charge-transfer crystals: an isometric donor-acceptor approach. *Journal of the American Chemical Society*, **2013**, 135, 4757-64	16.4	243
139	Fluorescence and absorption spectra of oligophenylenevinylenes: Vibronic coupling, band shapes, and solvatochromism. *Journal of Chemical Physics*, **2002**, 116, 8596	3.9	242
138	Highly Emissive H-Aggregates or Aggregation-Induced Emission Quenching? The Photophysics of All-Trans para-Distyrylbenzene. *Journal of Physical Chemistry Letters*, **2013**, 4, 2686-2697	6.4	216
137	Unique piezochromic fluorescence behavior of dicyanodistyrylbenzene based donor-acceptor-donor triad: mechanically controlled photo-induced electron transfer (eT) in molecular assemblies. *Advanced Materials*, **2012**, 24, 5487-92	24	184
136	Solid-state optical properties of linear polyconjugated molecules: pi-stack contra herringbone. *Journal of Chemical Physics*, **2005**, 123, 144914	3.9	175
135	Electronic deactivation in single chains, nano-aggregates and ultrathin films of conjugated oligomers. *Synthetic Metals*, **1996**, 76, 249-253	3.6	163
134	Organic Single Crystal Lasers: A Materials View. *Advanced Optical Materials*, **2016**, 4, 348-364	8.1	163
133	Highly fluorescent crystalline and liquid crystalline columnar phases of pyrene-based structures. *Journal of Physical Chemistry B*, **2006**, 110, 7653-9	3.4	157
132	UV/Visible spectra of natural polyphenols: A time-dependent density functional theory study. *Food Chemistry*, **2012**, 131, 79-89	8.5	144

131	Conformational disorder and ultrafast exciton relaxation in PPV-family conjugated polymers. *Journal of Physical Chemistry B*, **2009**, 113, 656-67	3.4	130
130	Highly fluorinated benzobisbenzothiophenes. *Organic Letters*, **2008**, 10, 3307-10	6.2	124
129	Excitonic versus electronic couplings in molecular assemblies: The importance of non-nearest neighbor interactions. *Journal of Chemical Physics*, **2009**, 130, 044105	3.9	122
128	Solid State Luminescence Enhancement in □Conjugated Materials: Unraveling the Mechanism beyond the Framework of AIE/AIEE. *Journal of Physical Chemistry C*, **2017**, 121, 23166-23183	3.8	120
127	Stimuli-Responsive Reversible Fluorescence Switching in a Crystalline Donor-Acceptor Mixture Film: Mixed Stack Charge-Transfer Emission versus Segregated Stack Monomer Emission. *Angewandte Chemie - International Edition*, **2016**, 55, 203-7	16.4	119
126	High-contrast red-green-blue tricolor fluorescence switching in bicomponent molecular film. *Angewandte Chemie - International Edition*, **2015**, 54, 4330-3	16.4	114
125	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. *Angewandte Chemie - International Edition* , **2017**, 56, 16207-16211	16.4	108
124	Breakdown of the mirror image symmetry in the optical absorption/emission spectra of oligo(para-phenylene)s. *Journal of Chemical Physics*, **2005**, 122, 54501	3.9	105
123	Efficient deep-red light-emitting electrochemical cells based on a perylenediimide-iridium-complex dyad. *Chemical Communications*, **2009**, 3886-8	5.8	96
122	Optical spectroscopy of a polyfluorene copolymer at high pressure: intra- and intermolecular interactions. *Physical Review Letters*, **2007**, 99, 167401	7.4	84
121	Highly Luminescent 2D-Type Slab Crystals Based on a Molecular Charge-Transfer Complex as Promising Organic Light-Emitting Transistor Materials. *Advanced Materials*, **2017**, 29, 1701346	24	80
120	Optical spectra of oligothiophenes: vibronic states, torsional motions, and solvent shifts. *Synthetic Metals*, **2003**, 138, 311-315	3.6	78
119	Highly efficient organic photocatalysts discovered via a computer-aided-design strategy for visible-light-driven atom transfer radical polymerization. *Nature Catalysis*, **2018**, 1, 794-804	36.5	78
118	Computational design of low singlet□triplet gap all-organic molecules for OLED application. *Organic Electronics*, **2012**, 13, 985-991	3.5	77
117	Color-Tuned, Highly Emissive Dicyanodistyrylbenzene Single Crystals: Manipulating Intermolecular Stacking Interactions for Spontaneous and Stimulated Emission Characteristics. *Advanced Optical Materials*, **2013**, 1, 232-237	8.1	77
116	Effect of fluorination on the electronic structure and optical excitations of pi-conjugated molecules. *Journal of Chemical Physics*, **2007**, 126, 111101	3.9	76
115	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. *Angewandte Chemie - International Edition*, **2016**, 55, 15915-15919	16.4	75
114	Highly Efficient and Stable Inverted Perovskite Solar Cell Obtained via Treatment by Semiconducting Chemical Additive. *Advanced Materials*, **2019**, 31, e1805554	24	71

113	Characterization of oriented oligo(phenylenevinylene) films and nano-aggregates by UV/Vis-absorption and fluorescence spectroscopy. *Synthetic Metals*, **1996**, 83, 221-226	3.6	67
112	Rationally designed molecular D–A–D triad for piezochromic and acidochromic fluorescence on–off switching. *Journal of Materials Chemistry C*, **2014**, 2, 2552	7.1	65
111	An oligomer study on small band gap polymers. *Journal of Physical Chemistry A*, **2008**, 112, 10764-73	2.8	64
110	Stimulated Emission Properties of Sterically Modified Distyrylbenzene-Based H-Aggregate Single Crystals. *Journal of Physical Chemistry Letters*, **2013**, 4, 1597-602	6.4	61
109	Modeling of the Optical Properties of Cofacial Chromophore Pairs: Stilbenophane. *Journal of Physical Chemistry A*, **2004**, 108, 257-263	2.8	61
108	Electronic Structure and Charge-Transport Properties of Polythiophene Chains Containing Thienothiophene Units: A Joint Experimental and Theoretical Study. *Chemistry of Materials*, **2007**, 19, 4949-4956	9.6	60
107	Electronic structure of small band gap oligomers based on cyclopentadithiophenes and acceptor units. *Journal of Materials Chemistry*, **2009**, 19, 5343		59
106	Shear-Triggered Crystallization and Light Emission of a Thermally Stable Organic Supercooled Liquid. *ACS Central Science*, **2015**, 1, 94-102	16.8	58
105	Absorption, fluorescence and light scattering of oligothiophene and oligophenylenevinylene nanoaggregates. *Synthetic Metals*, **1997**, 84, 529-530	3.6	58
104	Hole-vibronic coupling in oligothiophenes: impact of backbone torsional flexibility on relaxation energies. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2007**, 365, 1435-52	3	56
103	Stimulated resonance Raman scattering and laser oscillation in highly emissive distyrylbenzene-based molecular crystals. *Advanced Materials*, **2012**, 24, 6473-8	24	55
102	Conjugated polymers with large effective Stokes shift: benzobisdioxole-based poly(phenylene ethynylene)s. *Journal of the American Chemical Society*, **2009**, 131, 17321-7	16.4	55
101	Three-dimensional energy transport in highly luminescent host-guest crystals: a quantitative experimental and theoretical study. *Journal of the American Chemical Society*, **2007**, 129, 8585-93	16.4	53
100	Liquid crystalline octaalkoxycarbonyl phthalocyanines: design, synthesis, electronic structure, self-aggregation and mesomorphism. *Journal of Materials Chemistry*, **2007**, 17, 1777-1784		51
99	Naphthalenediimide Polymers with Finely Tuned In-Chain π-Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. *Advanced Materials*, **2016**, 28, 9169-9174	24	49
98	Computational engineering of low bandgap copolymers. *Frontiers in Chemistry*, **2013**, 1, 35	5	49
97	Light-Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution. *Advanced Functional Materials*, **2018**, 28, 1705141	15.6	49
96	Polarizability effects and energy transfer in quinquethiophene doped bithiophene and OPV films. *Synthetic Metals*, **2002**, 127, 221-227	3.6	48

95	A distyrylbenzene based highly efficient deep red/near-infrared emitting organic solid. *Journal of Materials Chemistry C*, **2015**, 3, 231-234	7.1	43
94	Conjugation. *Wiley Interdisciplinary Reviews: Computational Molecular Science*, **2012**, 2, 513-524	7.9	42
93	Spectroscopic signatures for planar equilibrium geometries in methyl-substituted oligothiophenes. *Physical Chemistry Chemical Physics*, **2009**, 11, 984-90	3.6	42
92	A new functionalization strategy for pentacene. *Chemical Communications*, **2007**, 4746-8	5.8	42
91	Dual Emission: Classes, Mechanisms, and Conditions. *Angewandte Chemie - International Edition*, **2021**, 60, 22624-22638	16.4	42
90	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. *Chemical Science*, **2016**, 7, 2359-2363	9.4	41
89	Polymorphism and Amplified Spontaneous Emission in a Dicyano-Distyrylbenzene Derivative with Multiple Trifluoromethyl Substituents: Intermolecular Interactions in Play. *Advanced Functional Materials*, **2016**, 26, 2349-2356	15.6	40
88	Design of pi-conjugated organic materials for one-dimensional energy transport in nanochannels. *Journal of Physical Chemistry B*, **2005**, 109, 4872-80	3.4	39
87	Excited State Features and Dynamics in a Distyrylbenzene-Based Mixed Stack Donor-Acceptor Cocrystal with Luminescent Charge Transfer Characteristics. *Journal of Physical Chemistry Letters*, **2015**, 6, 3682-7	6.4	38
86	Organic Photocatalyst for ppm-Level Visible-Light-Driven Reversible Addition–Fragmentation Chain-Transfer (RAFT) Polymerization with Excellent Oxygen Tolerance. *Macromolecules*, **2019**, 52, 5538-5545	5.5	37
85	A Deep-Red-Emitting Perylenediimide–Iridium-Complex Dyad: Following the Photophysical Deactivation Pathways. *Journal of Physical Chemistry C*, **2009**, 113, 19292-19297	3.8	36
84	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. *Advanced Optical Materials*, **2021**, 9, 2002251	8.1	36
83	On the origin of small band gaps in alternating thiophene-thienopyrazine oligomers. *Journal of Physical Chemistry A*, **2009**, 113, 10343-50	2.8	35
82	Fluorescent carborane–vinylstilbene functionalised octasilsesquioxanes: synthesis, structural, thermal and photophysical properties. *Journal of Materials Chemistry C*, **2017**, 5, 10211-10219	7.1	34
81	Energy Transfer at the Zeolite L Boundaries: Towards Photo- and Electroresponsive Materials. *ChemPlusChem*, **2014**, 79, 45-57	2.8	34
80	Theoretical characterization of charge transport in one-dimensional collinear arrays of organic conjugated molecules. *ChemPhysChem*, **2010**, 11, 1062-8	3.2	34
79	EDOT-type materials: planar but not rigid. *Journal of Physical Chemistry A*, **2008**, 112, 13282-6	2.8	34
78	Bent-core liquid crystalline cyanostilbenes: fluorescence switching and thermochromism. *Physical Chemistry Chemical Physics*, **2015**, 17, 11715-24	3.6	33

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76	Independent tuning of electronic levels in pentacene by site-specific substitution. *ChemPhysChem*, **2008**, 9, 1519-23	3.2	33
75	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. *Angewandte Chemie*, **2017**, 129, 16425-16429	3.6	32
74	Vibronic coupling in molecular crystals: A Franck-Condon Herzberg-Teller model of H-aggregate fluorescence based on quantum chemical cluster calculations. *Journal of Chemical Physics*, **2015**, 143, 114116	3.9	32
73	Stimuli-Responsive Reversible Fluorescence Switching in a Crystalline Donor–Acceptor Mixture Film: Mixed Stack Charge-Transfer Emission versus Segregated Stack Monomer Emission. *Angewandte Chemie*, **2016**, 128, 211-215	3.6	32
72	Tuning interchain and intrachain interactions in polyfluorene copolymers. *Physical Review B*, **2011**, 84,	3.3	30
71	Oligothienoacenes versus oligothiophenes: impact of ring fusion on the optical properties. *Physical Chemistry Chemical Physics*, **2011**, 13, 1457-65	3.6	30
70	Electronic deactivation and energy transfer in doped oligophenylenevinylene nanoparticles. *Journal of Fluorescence*, **1998**, 8, 37-44	2.4	30
69	Inverted energy gap law for the nonradiative decay in fluorescent floppy molecules: larger fluorescence quantum yields for smaller energy gaps. *Organic Chemistry Frontiers*, **2019**, 6, 1948-1954	5.2	29
68	Correlation effects in the optical spectra of porphyrin oligomer chains: exciton confinement and length dependence. *Journal of Chemical Physics*, **2013**, 138, 024312	3.9	29
67	Directional exciton transport in supramolecular nanostructured assemblies. *Physical Chemistry Chemical Physics*, **2012**, 14, 13146-53	3.6	29
66	Determining molecular orientation via single molecule SERS in a plasmonic nano-gap. *Nanoscale*, **2017**, 9, 17415-17421	7.7	28
65	Designing high performance all-small-molecule solar cells with non-fullerene acceptors: comprehensive studies on photoexcitation dynamics and charge separation kinetics. *Energy and Environmental Science*, **2018**, 11, 211-220	35.4	27
64	Calculation of low bandgap homopolymers: Comparison of TD-DFT methods with experimental oligomer series. *Chemical Physics Letters*, **2016**, 645, 169-173	2.5	26
63	Nanometric scale investigation of the nonlinear efficiency of perhydrotriphenylene inclusion compounds. *Chemical Physics*, **2005**, 318, 12-20	2.3	26
62	Crystallization-Induced Emission Enhancement and Amplified Spontaneous Emission from a CF3-Containing Excited-State Intramolecular-Proton-Transfer Molecule. *Advanced Optical Materials*, **2017**, 5, 1700353	8.1	25
61	Tetrakis{[(p-dodecacarboranyl)methyl]stilbenyl}ethylene: A Luminescent Tetraphenylethylene (TPE) Core System. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4575-4580	2.3	25
60	Luminescence of Conjugated Molecules Confined in Nanochannels. *Synthetic Metals*, **2003**, 137, 1449-1450	3.6	25

59	Orthogonal Resonator Modes and Low Lasing Threshold in Highly Emissive Distyrylbenzene-Based Molecular Crystals. *Advanced Optical Materials*, **2014**, 2, 542-548	8.1	24
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57	Optical properties of wine pigments: theoretical guidelines with new methodological perspectives. *Tetrahedron*, **2015**, 71, 3079-3088	2.4	23
56	Excited-state switching by per-fluorination of para-oligophenylenes. *Journal of Chemical Physics*, **2011**, 135, 124509	3.9	23
55	Highly Light-Sensitive Luminescent Cyanostilbene Flexible Dimers. *Advanced Optical Materials*, **2017**, 5, 1600860	8.1	22
54	Effective conjugation in conjugated polymers with strongly twisted backbones: a case study on fluorinated MEHPPV. *Journal of Materials Chemistry C*, **2016**, 4, 6900-6906	7.1	22
53	Fluoro-functionalization of vinylene units in a polyarylenevinylene for polymer solar cells. *Journal of Materials Chemistry A*, **2013**, 1, 715-727	13	22
52	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. *Angewandte Chemie*, **2016**, 128, 16147-16151	3.6	21
51	Twist-Elasticity-Controlled Crystal Emission in Highly Luminescent Polymorphs of Cyano-Substituted Distyrylbenzene (DCS). *Advanced Optical Materials*, **2017**, 5, 1700340	8.1	21
50	Theoretical Characterization and Design of End-Substituted Distyrylbenzenes as Excitation Shuttles in One-Dimensional Channels. *Advanced Materials*, **2004**, 16, 1193-1197	24	21
49	Highly luminescent oligo(phenylenevinylene) films: the stereochemical approach. *Synthetic Metals*, **2001**, 121, 1641-1642	3.6	21
48	Spatial control of 3D energy transfer in supramolecular nanostructured host-guest architectures. *Journal of Physical Chemistry B*, **2009**, 113, 10566-70	3.4	20
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45	"Though It Be but Little, It Is Fierce": Excited State Engineering of Conjugated Organic Materials by Fluorination. *Journal of Physical Chemistry Letters*, **2017**, 8, 91-101	6.4	19
44	Counterion-Mediated Crossing of the Cyanine Limit in Crystals and Fluid Solution: Bond Length Alternation and Spectral Broadening Unveiled by Quantum Chemistry. *Journal of the American Chemical Society*, **2020**, 142, 2835-2843	16.4	19
43	High-Contrast RedGreenBlue Tricolor Fluorescence Switching in Bicomponent Molecular Film. *Angewandte Chemie*, **2015**, 127, 4404-4407	3.6	19
42	Dynamics of guest molecules in PHTP inclusion compounds as probed by solid-state NMR and fluorescence spectroscopy. *Physical Chemistry Chemical Physics*, **2009**, 11, 4996-5009	3.6	17

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40	Tuning Solid-State Luminescence in Conjugated Organic Materials: Control of Excitonic and Excimeric Contributions through π-Stacking and Halogen Bond Driven Self-Assembly. *ChemPhysChem*, **2020**, 21, 616-624	3.2	14
39	Synthesis and conformation of a novel fluorescein–zn-porphyrin dyad and intramolecular energy transfer. *New Journal of Chemistry*, **2016**, 40, 3843-3856	3.6	13
38	Excited state absorption spectra of dissolved and aggregated distyrylbenzene: A TD-DFT state and vibronic analysis. *Journal of Chemical Physics*, **2017**, 147, 034903	3.9	13
37	Tricolor fluorescence switching in a single component mechanochromic molecular material. *Journal of Materials Chemistry C*, **2020**, 8, 7417-7421	7.1	11
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35	Molecular resolution friction microscopy of Cu phthalocyanine thin films on dolomite (104) in water. *Nanoscale*, **2014**, 6, 8334-9	7.7	11
34	Alignment and relaxation dynamics of dye molecules in host-guest inclusion compounds as probed by dielectric spectroscopy. *Journal of Physical Chemistry A*, **2010**, 114, 6956-63	2.8	11
33	Regio(ir)regular naphthalenediimide- and perylenediimide-bithiophene copolymers: how MO localization controls the bandgap. *Journal of Materials Chemistry C*, **2016**, 4, 9405-9410	7.1	11
32	Electronic properties and supramolecular organization of terminal bis(alkylethynyl)-substituted benzodithiophenes. *Journal of Physical Chemistry B*, **2010**, 114, 14614-20	3.4	10
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30	Tuning of the electronic and photophysical properties of ladder-type quaterphenyl by selective methylene-bridge fluorination. *Physical Chemistry Chemical Physics*, **2016**, 18, 16501-8	3.6	9
29	Excited-state non-radiative decay in stilbenoid compounds: an ab initio quantum-chemistry study on size and substituent effects. *Physical Chemistry Chemical Physics*, **2019**, 21, 22429-22439	3.6	9
28	Distinct Helical Molecular Orbitals through Conformational Lock*. *Chemistry - A European Journal*, **2020**, 26, 17342-17349	4.8	8
27	Insight into Water-Soluble Highly Fluorescent Low-Dimensional Host-Guest Supramolecular Polymers: Structure and Energy-Transfer Dynamics Revealed by Polarized Fluorescence Spectroscopy. *Journal of Physical Chemistry Letters*, **2018**, 9, 3870-3877	6.4	8
26	Probing the Molecular Orientation of a Single Conjugated Polymer via Nanogap SERS. *ACS Applied Polymer Materials*, **2019**, 1, 1175-1180	4.3	7
25	Design principles of chemiluminescence (CL) chemodosimeter for self-signaling detection: luminol protective approach. *RSC Advances*, **2014**, 4, 46488-46493	3.7	7
24	One dimensional coupling of oligophenylenevinylenes in perhydrotriphenylene matrices. *Synthetic Metals*, **2001**, 121, 1695-1696	3.6	7

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21	Synthesis of solvent-free acrylic pressure-sensitive adhesives via visible-light-driven photocatalytic radical polymerization without additives. *Green Chemistry*, **2020**, 22, 8289-8297	10	6
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19	Unraveling the Origin of High-Efficiency Photoluminescence in Mixed-Stack Isostructural Crystals of Organic Charge-Transfer Complex: Fine-Tuning of Isometric Donor□Acceptor Pairs. *Journal of Physical Chemistry C*, **2020**, 124, 20377-20387	3.8	5
18	Tuning of fluorescence in films and nanoparticles of oligo-phenylenevinylenes **1997**, 3145, 242		4
17	Turn-on solid state luminescence by solvent-induced modification of intermolecular interactions. *Journal of Materials Chemistry C*, **2020**, 8, 15742-15750	7.1	4
16	□Conjugated? Copolymers from a Pechmann Dye Derivative. *Macromolecular Chemistry and Physics*, **2016**, 217, 2068-2073	2.6	3
15	Water-soluble Organic Photocatalyst Discovered for Highly Efficient Additive-Free Visible-Light-Driven Grafting of Polymers from a Protein at Ambient and Aqueous Environments.. *Advanced Materials*, **2022**, e2108446	24	3
14	Sub-nanometer resolution of an organic semiconductor crystal surface using friction force microscopy in water. *Journal of Physics Condensed Matter*, **2016**, 28, 134002	1.8	3
13	Lasing: Organic Single Crystal Lasers: A Materials View (Advanced Optical Materials 3/2016). *Advanced Optical Materials*, **2016**, 4, 347-347	8.1	3
12	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. *ChemPhysChem*, **2020**, 21, 1797-1804	3.2	2
11	Molecular-scale shear response of the organic semiconductor □DBDCS (100) surface. *Physical Review B*, **2017**, 96,	3.3	2
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9	Pure Boric Acid Does Not Show Room Temperature Phosphorescence (RTP).. *Angewandte Chemie - International Edition*, **2022**,	16.4	2
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7	Direct Observation of Structural Heterogeneity and Tautomerization of Single Hypericin Molecules. *Journal of Physical Chemistry Letters*, **2021**, 12, 1025-1031	6.4	2
6	Self-Assembled Amphiphilic Molecules for Highly Efficient Photocatalytic Hydrogen Evolution from Water. *Journal of Physical Chemistry C*, **2020**, 124, 6971-6978	3.8	1

5	Comment on "Structure-property relationships for electron-vibrational coupling in conjugated organic oligomeric systems". *Journal of Physical Chemistry B*, **2005**, 109, 22081; discussion 22082-3	3.4	1
4	Theoretical and Experimental Evidence of Two-Step Tautomerization in Hypericin. *Advanced Photonics Research*, **2021**, 2, 2000170	1.9	1
3	Quantum-chemistry study of the ground and excited state absorption of distyrylbenzene: Multi vs single reference methods.. *Journal of Chemical Physics*, **2022**, 156, 044102	3.9	0
2	Monitoring tautomerization of single hypericin molecules in a tunable optical ℚ2 microcavity.. *Journal of Chemical Physics*, **2022**, 156, 014203	3.9	0
1	Supramolecular Materials: Light-Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution (Adv. Funct. Mater. 4/2018). *Advanced Functional Materials*, **2018**, 28, 1870027	15.6	