

Johannes Gierschner

List of Publications by Year in descending order

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149
papers

11,914
citations

30047

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156
docs citations

156
times ranked

11267
citing authors

#	ARTICLE	IF	CITATIONS
1	Multistimuli Two-Color Luminescence Switching via Different Slip-Stacking of Highly Fluorescent Molecular Sheets. <i>Journal of the American Chemical Society</i> , 2010, 132, 13675-13683.	6.6	874
2	π-Conjugated Cyanostilbene Derivatives: A Unique Self-Assembly Motif for Molecular Nanostructures with Enhanced Emission and Transport. <i>Accounts of Chemical Research</i> , 2012, 45, 544-554.	7.6	662
3	Optical Bandgaps of π-Conjugated Organic Materials at the Polymer Limit: Experiment and Theory. <i>Advanced Materials</i> , 2007, 19, 173-191.	11.1	566
4	A White-Light-Emitting Molecule: Frustrated Energy Transfer between Constituent Emitting Centers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14043-14049.	6.6	553
5	Stabilizing and Modulating Color by Copigmentation: Insights from Theory and Experiment. <i>Chemical Reviews</i> , 2016, 116, 4937-4982.	23.0	408
6	Luminescent distyrylbenzenes: tailoring molecular structure and crystalline morphology. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5818.	2.7	377
7	Tuning of Fluorescence in Films and Nanoparticles of Oligophenylenevinylenes. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1902-1907.	1.2	345
8	Suppressing molecular motions for enhanced room-temperature phosphorescence of metal-free organic materials. <i>Nature Communications</i> , 2015, 6, 8947.	5.8	344
9	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> , 2013, 135, 4757-4764.	6.6	288
10	Fluorescence and absorption spectra of oligophenylenevinylenes: Vibronic coupling, band shapes, and solvatochromism. <i>Journal of Chemical Physics</i> , 2002, 116, 8596.	1.2	272
11	Highly Emissive H-Aggregates or Aggregation-Induced Emission Quenching? The Photophysics of All-Trans <i>para</i> -Distyrylbenzene. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2686-2697.	2.1	238
12	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> , 2012, 24, 5487-5492.	11.1	212
13	Organic Single Crystal Lasers: A Materials View. <i>Advanced Optical Materials</i> , 2016, 4, 348-364.	3.6	207
14	Solid-state optical properties of linear polyconjugated molecules: π-stack contra herringbone. <i>Journal of Chemical Physics</i> , 2005, 123, 144914.	1.2	187
15	UV/Visible spectra of natural polyphenols: A time-dependent density functional theory study. <i>Food Chemistry</i> , 2012, 131, 79-89.	4.2	181
16	Electronic deactivation in single chains, nano-aggregates and ultrathin films of conjugated oligomers. <i>Synthetic Metals</i> , 1996, 76, 249-253.	2.1	168
17	Highly Fluorescent Crystalline and Liquid Crystalline Columnar Phases of Pyrene-Based Structures. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7653-7659.	1.2	161
18	Dual Emission: Classes, Mechanisms, and Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22624-22638.	7.2	158

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19	Solid State Luminescence Enhancement in π -Conjugated Materials: Unraveling the Mechanism beyond the Framework of AIE/AIEE. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23166-23183.	1.5	157
20	Room-Temperature Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16207-16211.	7.2	155
21	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> , 2016, 55, 203-207.	7.2	147
22	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. <i>Advanced Optical Materials</i> , 2021, 9, 2002251.	3.6	146
23	Conformational Disorder and Ultrafast Exciton Relaxation in PPV-family Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 656-667.	1.2	143
24	Highly Fluorinated Benzobisbenzothiophenes. <i>Organic Letters</i> , 2008, 10, 3307-3310.	2.4	135
25	High-Contrast Red-Green-Blue Tricolor Fluorescence Switching in Bicomponent Molecular Film. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4330-4333.	7.2	134
26	Highly Efficient and Stable Inverted Perovskite Solar Cell Obtained via Treatment by Semiconducting Chemical Additive. <i>Advanced Materials</i> , 2019, 31, e1805554.	11.1	134
27	Excitonic versus electronic couplings in molecular assemblies: The importance of non-nearest neighbor interactions. <i>Journal of Chemical Physics</i> , 2009, 130, 044105.	1.2	133
28	Highly efficient organic photocatalysts discovered via a computer-aided-design strategy for visible-light-driven atom transfer radical polymerization. <i>Nature Catalysis</i> , 2018, 1, 794-804.	16.1	124
29	Breakdown of the mirror image symmetry in the optical absorption/emission spectra of oligo(para-phenylene)s. <i>Journal of Chemical Physics</i> , 2005, 122, 054501.	1.2	117
30	Highly Luminescent 2D-Type Slab Crystals Based on a Molecular Charge-Transfer Complex as Promising Organic Light-Emitting Transistor Materials. <i>Advanced Materials</i> , 2017, 29, 1701346.	11.1	111
31	Efficient deep-red light-emitting electrochemical cells based on a perylenediimide-iridium-complex dyad. <i>Chemical Communications</i> , 2009, , 3886.	2.2	103
32	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15915-15919.	7.2	100
33	Optical Spectroscopy of a Polyfluorene Copolymer at High Pressure: Intra- and Intermolecular Interactions. <i>Physical Review Letters</i> , 2007, 99, 167401.	2.9	92
34	Computational design of low singlet-triplet gap all-organic molecules for OLED application. <i>Organic Electronics</i> , 2012, 13, 985-991.	1.4	92
35	Color-Tuned, Highly Emissive Dicyanodistyrylbenzene Single Crystals: Manipulating Intermolecular Stacking Interactions for Spontaneous and Stimulated Emission Characteristics. <i>Advanced Optical Materials</i> , 2013, 1, 232-237.	3.6	86
36	Effect of fluorination on the electronic structure and optical excitations of π -conjugated molecules. <i>Journal of Chemical Physics</i> , 2007, 126, 111101.	1.2	84

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37	Optical spectra of oligothiophenes: vibronic states, torsional motions, and solvent shifts. <i>Synthetic Metals</i> , 2003, 138, 311-315.	2.1	82
38	Shear-Triggered Crystallization and Light Emission of a Thermally Stable Organic Supercooled Liquid. <i>ACS Central Science</i> , 2015, 1, 94-102.	5.3	77
39	Light-Harvesting Fluorescent Supramolecular Block Copolymers Based on Cyanostilbene Derivatives and Cucurbit[8]urils in Aqueous Solution. <i>Advanced Functional Materials</i> , 2018, 28, 1705141.	7.8	77
40	Rationally designed molecular D ⁺ -A ⁻ -D triad for piezochromic and acidochromic fluorescence on/off switching. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2552.	2.7	74
41	Stimulated Emission Properties of Sterically Modified Distyrylbenzene-Based H-Aggregate Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1597-1602.	2.1	71
42	An Oligomer Study on Small Band Gap Polymers. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10764-10773.	1.1	70
43	Characterization of oriented oligo(phenylenevinylene) films and nano-aggregates by UV/Vis-absorption and fluorescence spectroscopy. <i>Synthetic Metals</i> , 1996, 83, 221-226.	2.1	68
44	Modeling of the Optical Properties of Cofacial Chromophore Pairs: % Stilbenophane. <i>Journal of Physical Chemistry A</i> , 2004, 108, 257-263.	1.1	68
45	Electronic Structure and Charge-Transport Properties of Polythiophene Chains Containing Thienothiophene Units: A Joint Experimental and Theoretical Study. <i>Chemistry of Materials</i> , 2007, 19, 4949-4956.	3.2	63
46	Electronic structure of small band gap oligomers based on cyclopentadithiophenes and acceptor units. <i>Journal of Materials Chemistry</i> , 2009, 19, 5343.	6.7	63
47	Naphthalenediimide Polymers with Finely Tuned In-Chain Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. <i>Advanced Materials</i> , 2016, 28, 9169-9174.	11.1	63
48	Three-Dimensional Energy Transport in Highly Luminescent Host-Guest Crystals: A Quantitative Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2007, 129, 8585-8593.	6.6	62
49	Stimulated Resonance Raman Scattering and Laser Oscillation in Highly Emissive Distyrylbenzene-Based Molecular Crystals. <i>Advanced Materials</i> , 2012, 24, 6473-6478.	11.1	62
50	Absorption, fluorescence and light scattering of oligothiophene and oligophenylenevinylene nanoaggregates. <i>Synthetic Metals</i> , 1997, 84, 529-530.	2.1	59
51	Hole-vibronic coupling in oligothiophenes: impact of backbone torsional flexibility on relaxation energies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1435-1452.	1.6	59
52	Computational engineering of low bandgap copolymers. <i>Frontiers in Chemistry</i> , 2013, 1, 35.	1.8	59
53	Conjugated Polymers with Large Effective Stokes Shift: Benzobisdioxole-Based Poly(phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	6.6	58
54	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. <i>Chemical Science</i> , 2016, 7, 2359-2363.	3.7	56

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55	Organic Photocatalyst for ppm-Level Visible-Light-Driven Reversible Addition-Fragmentation Chain-Transfer (RAFT) Polymerization with Excellent Oxygen Tolerance. <i>Macromolecules</i> , 2019, 52, 5538-5545.	2.2	56
56	Polarizability effects and energy transfer in quinquethiophene doped bithiophene and OPV films. <i>Synthetic Metals</i> , 2002, 127, 221-227.	2.1	54
57	Liquid crystalline octaalkoxycarbonyl phthalocyanines: design, synthesis, electronic structure, self-aggregation and mesomorphism. <i>Journal of Materials Chemistry</i> , 2007, 17, 1777-1784.	6.7	52
58	π-Conjugation. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2012, 2, 513-524.	6.2	51
59	A distyrylbenzene based highly efficient deep red/near-infrared emitting organic solid. <i>Journal of Materials Chemistry C</i> , 2015, 3, 231-234.	2.7	49
60	Polymorphism and Amplified Spontaneous Emission in a Dicyano-Distyrylbenzene Derivative with Multiple Trifluoromethyl Substituents: Intermolecular Interactions in Play. <i>Advanced Functional Materials</i> , 2016, 26, 2349-2356.	7.8	46
61	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> , 2020, 142, 2835-2843.	6.6	45
62	A new functionalization strategy for pentacene. <i>Chemical Communications</i> , 2007, , 4746.	2.2	44
63	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> , 2015, 6, 3682-3687.	2.1	44
64	Spectroscopic signatures for planar equilibrium geometries in methyl-substituted oligothiophenes. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 984-990.	1.3	43
65	Fluorescent carborane-vinylstilbene functionalised octasilsesquioxanes: synthesis, structural, thermal and photophysical properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10211-10219.	2.7	43
66	Crystallization-Induced Emission Enhancement and Amplified Spontaneous Emission from a CF ₃ -Containing Excited-State Intramolecular-Proton-Transfer Molecule. <i>Advanced Optical Materials</i> , 2017, 5, 1700353.	3.6	41
67	Design of π-Conjugated Organic Materials for One-Dimensional Energy Transport in Nanochannels. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4872-4880.	1.2	40
68	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie</i> , 2017, 129, 16425-16429.	1.6	40
69	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> , 2019, 6, 1948-1954.	2.3	40
70	A Deep-Red-Emitting Perylene-diimide-Iridium-Complex Dyad: Following the Photophysical Deactivation Pathways. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19292-19297.	1.5	39
71	Determining molecular orientation via single molecule SERS in a plasmonic nano-gap. <i>Nanoscale</i> , 2017, 9, 17415-17421.	2.8	39
72	Energy Transfer at the Zeolite...L Boundaries: Towards Photo- and Electroresponsive Materials. <i>ChemPlusChem</i> , 2014, 79, 45-57.	1.3	38

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73	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> , 2018, 11, 211-220.	15.6	38
74	Independent Tuning of Electronic Levels in Pentacene by Site-Specific Substitution. <i>ChemPhysChem</i> , 2008, 9, 1519-1523.	1.0	37
75	Theoretical Characterization of Charge Transport in One-Dimensional Collinear Arrays of Organic Conjugated Molecules. <i>ChemPhysChem</i> , 2010, 11, 1062-1068.	1.0	37
76	Photoluminescence in Carborane-Stilbene Triads: A Structural, Spectroscopic, and Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 13588-13598.	1.7	37
77	EDOT-Type Materials: Planar but Not Rigid. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13282-13286.	1.1	36
78	On the Origin of Small Band Gaps in Alternating Thiophene-Thienopyrazine Oligomers. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10343-10350.	1.1	36
79	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> , 2015, 143, 114116.	1.2	36
80	Electronic deactivation and energy transfer in doped oligophenylenevinylene nanoparticles. <i>Journal of Fluorescence</i> , 1998, 8, 37-44.	1.3	34
81	Tuning interchain and intrachain interactions in polyfluorene copolymers. <i>Physical Review B</i> , 2011, 84, .	1.1	33
82	Bent-core liquid crystalline cyanostilbenes: fluorescence switching and thermochromism. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11715-11724.	1.3	33
83	Orthogonal Resonator Modes and Low Lasing Threshold in Highly Emissive Distyrylbenzene-Based Molecular Crystals. <i>Advanced Optical Materials</i> , 2014, 2, 542-548.	3.6	32
84	Correlation effects in the optical spectra of porphyrin oligomer chains: Exciton confinement and length dependence. <i>Journal of Chemical Physics</i> , 2013, 138, 024312.	1.2	31
85	Oligothienoacenes versus oligothiophenes: impact of ring fusion on the optical properties. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1457-1465.	1.3	30
86	Directional exciton transport in supramolecular nanostructured assemblies. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13146.	1.3	30
87	Highly Light-Sensitive Luminescent Cyanostilbene Flexible Dimers. <i>Advanced Optical Materials</i> , 2017, 5, 1600860.	3.6	30
88	Tetrakis[[(dodecacboranyl)methyl]stilbenyl]ethylene: A Luminescent Tetraphenylethylene (TPE) Core System. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4575-4580.	1.0	30
89	Nanometric scale investigation of the nonlinear efficiency of perhydrotriphenylene inclusion compounds. <i>Chemical Physics</i> , 2005, 318, 12-20.	0.9	29
90	“Though It Be but Little, It Is Fierce” Excited State Engineering of Conjugated Organic Materials by Fluorination. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 91-101.	2.1	29

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91	Twistâ€Elasticityâ€Controlled Crystal Emission in Highly Luminescent Polymorphs of Cyanoâ€Substituted Distyrylbenzene (I ² DCS). <i>Advanced Optical Materials</i> , 2017, 5, 1700340.	3.6	29
92	Luminescence of Conjugated Molecules Confined in Nanochannels. <i>Synthetic Metals</i> , 2003, 137, 1449-1450.	2.1	28
93	Optical properties of wine pigments: theoretical guidelines with new methodological perspectives. <i>Tetrahedron</i> , 2015, 71, 3079-3088.	1.0	28
94	Fluoro-functionalization of vinylene units in a polyarylenevinylene for polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 715-727.	5.2	27
95	Highly Enhanced Fluorescence of Supramolecular Polymers Based on a Cyanostilbene Derivative and Cucurbit[8]uril in Aqueous Solution. <i>Angewandte Chemie</i> , 2016, 128, 16147-16151.	1.6	27
96	Effective conjugation in conjugated polymers with strongly twisted backbones: a case study on fluorinated MEHPPV. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6900-6906.	2.7	27
97	Calculation of low bandgap homopolymers: Comparison of TD-DFT methods with experimental oligomer series. <i>Chemical Physics Letters</i> , 2016, 645, 169-173.	1.2	26
98	Optical constants of highly oriented oligothiophene films and nanoparticles. <i>Optical Materials</i> , 1999, 12, 395-401.	1.7	25
99	Excited-state switching by per-fluorination of <i>para</i> -oligophenylenes. <i>Journal of Chemical Physics</i> , 2011, 135, 124509.	1.2	25
100	Tuning Solidâ€State Luminescence in Conjugated Organic Materials: Control of Excitonic and Excimeric Contributions through π -Stacking and Halogen Bond Driven Selfâ€Assembly. <i>ChemPhysChem</i> , 2020, 21, 616-624.	1.0	23
101	Evolution of optical absorption from small oligomers to ideally conjugated PPV and MEH-PPV polymers. <i>Synthetic Metals</i> , 2001, 121, 1693-1694.	2.1	22
102	Theoretical Characterization and Design of End-Substituted Distyrylbenzenes as Excitation Shuttles in One-Dimensional Channels. <i>Advanced Materials</i> , 2004, 16, 1193-1197.	11.1	22
103	A Waterâ€Soluble Organic Photocatalyst Discovered for Highly Efficient Additiveâ€Free Visibleâ€Lightâ€Driven Grafting of Polymers from Proteins at Ambient and Aqueous Environments. <i>Advanced Materials</i> , 2022, 34, e2108446.	11.1	22
104	Pure Boric Acid Does Not Show Roomâ€Temperature Phosphorescence (RTP). <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	22
105	Highly luminescent oligo(phenylenevinylene) films: the stereochemical approach. <i>Synthetic Metals</i> , 2001, 121, 1641-1642.	2.1	21
106	Spatial Control of 3D Energy Transfer in Supramolecular Nanostructured Hostâ€Guest Architectures. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10566-10570.	1.2	21
107	Tricolor fluorescence switching in a single component mechanochromic molecular material. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7417-7421.	2.7	21
108	Oligophenylenevinylenes in Spatially Confined Nanochannels: Monitoring Intermolecular Interactions by UV/Vis and Raman Spectroscopy. <i>Advanced Functional Materials</i> , 2008, 18, 915-921.	7.8	20

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109	Molecular Packing Effects on the Optical Spectra and Triplet Dynamics in Oligofluorene Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11605-11609.	1.2	19
110	Synthesis of solvent-free acrylic pressure-sensitive adhesives via visible-light-driven photocatalytic radical polymerization without additives. <i>Green Chemistry</i> , 2020, 22, 8289-8297.	4.6	19
111	Excited-state non-radiative decay in stilbenoid compounds: an <i>ab initio</i> quantum-chemistry study on size and substituent effects. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22429-22439.	1.3	18
112	Dynamics of guest molecules in PHTP inclusion compounds as probed by solid-state NMR and fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 4996.	1.3	17
113	Synthesis and conformation of a novel fluorescein-Zn-porphyrin dyad and intramolecular energy transfer. <i>New Journal of Chemistry</i> , 2016, 40, 3843-3856.	1.4	17
114	Excited state absorption spectra of dissolved and aggregated distyrylbenzene: A TD-DFT state and vibronic analysis. <i>Journal of Chemical Physics</i> , 2017, 147, 034903.	1.2	17
115	Distinct Helical Molecular Orbitals through Conformational Lock**. <i>Chemistry - A European Journal</i> , 2020, 26, 17342-17349.	1.7	17
116	Molecular resolution friction microscopy of Cu phthalocyanine thin films on dolomite (104) in water. <i>Nanoscale</i> , 2014, 6, 8334-8339.	2.8	14
117	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> , 2018, 9, 3870-3877.	2.1	14
118	Probing the Molecular Orientation of a Single Conjugated Polymer via Nanogap SERS. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1175-1180.	2.0	14
119	Crossed 2D versus Slipped 1D π -stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. <i>Advanced Optical Materials</i> , 2019, 7, 1900749.	3.6	13
120	Alignment and Relaxation Dynamics of Dye Molecules in Host-Guest Inclusion Compounds As Probed by Dielectric Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6956-6963.	1.1	12
121	Regio(ir)regular naphthalenediimide- and perylenediimide-bithiophene copolymers: how MO localization controls the bandgap. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9405-9410.	2.7	12
122	Resonant Energy Transport in Dye-Filled Monolithic Crystals of Zeolite L: Modeling of Inhomogeneity. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27192-27199.	1.5	12
123	Electronic Properties and Supramolecular Organization of Terminal Bis(alkylethynyl)-Substituted Benzodithiophenes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14614-14620.	1.2	10
124	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> , 2020, 124, 20377-20387.	1.5	10
125	Turn-on solid state luminescence by solvent-induced modification of intermolecular interactions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15742-15750.	2.7	10
126	Duale Emission: Klassen, Mechanismen und Bedingungen. <i>Angewandte Chemie</i> , 2021, 133, 22804-22820.	1.6	10

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127	Design principles of chemiluminescence (CL) chemodosimeter for self-signaling detection: luminol protective approach. RSC Advances, 2014, 4, 46488-46493.	1.7	9
128	Tuning of the electronic and photophysical properties of ladder-type quaterphenyl by selective methylene-bridge fluorination. Physical Chemistry Chemical Physics, 2016, 18, 16501-16508.	1.3	9
129	One dimensional coupling of oligophenylenevinylens in perhydrotriphenylene matrices. Synthetic Metals, 2001, 121, 1695-1696.	2.1	8
130	Self-Assembled Amphiphilic Molecules for Highly Efficient Photocatalytic Hydrogen Evolution from Water. Journal of Physical Chemistry C, 2020, 124, 6971-6978.	1.5	7
131	Weak forces at work in dye-loaded zeolite materials: spectroscopic investigation on cation-sulfur interactions. Physical Chemistry Chemical Physics, 2010, 12, 2599.	1.3	6
132	Polarized Fluorescence from Single Stopcock Molecules at Channel Entrances of an All-Organic Host-Guest Compound. Chemistry of Materials, 2011, 23, 1088-1090.	3.2	6
133	Assembly-Induced Bright-Light Emission from Solution-Processed Platinum(II) Inorganic Polymers. ACS Omega, 2019, 4, 10192-10204.	1.6	6
134	Conjugated Copolymers from a Pechmann Dye Derivative. Macromolecular Chemistry and Physics, 2016, 217, 2068-2073.	1.1	5
135	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.	1.0	5
136	Pure Boric Acid Does Not Show Room-Temperature Phosphorescence (RTP). Angewandte Chemie, 2022, 134, .	1.6	5
137	Tuning of fluorescence in films and nanoparticles of oligo-phenylenevinylens. , 1997, 3145, 242.		4
138	Direct Observation of Structural Heterogeneity and Tautomerization of Single Hypericin Molecules. Journal of Physical Chemistry Letters, 2021, 12, 1025-1031.	2.1	4
139	Photoswitching activation of a ferrocenyl-stilbene analogue by its covalent grafting to gold. Physical Chemistry Chemical Physics, 2022, 24, 6185-6192.	1.3	4
140	Sub-nanometer resolution of an organic semiconductor crystal surface using friction force microscopy in water. Journal of Physics Condensed Matter, 2016, 28, 134002.	0.7	3
141	Lasing: Organic Single Crystal Lasers: A Materials View (Advanced Optical Materials 3/2016). Advanced Optical Materials, 2016, 4, 347-347.	3.6	3
142	Molecular-scale shear response of the organic semiconductor DBDCS (100) surface. Physical Review B, 2017, 96, .	1.1	3
143	Theoretical and Experimental Evidence of Two-Step Tautomerization in Hypericin. Advanced Photonics Research, 2021, 2, 2000170.	1.7	3
144	Quantum-chemistry study of the ground and excited state absorption of distyrylbenzene: Multi vs single reference methods. Journal of Chemical Physics, 2022, 156, 044102.	1.2	3

#	ARTICLE	IF	CITATIONS
145	Migration-assisted nonlinear quenching in random media. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 1527.	0.9	2
146	Comment on "Structure-Property Relationships for Electron-Vibrational Coupling in Conjugated Organic Oligomeric Systems" Journal of Physical Chemistry B, 2005, 109, 22081-22081.	1.2	1
147	Monitoring tautomerization of single hypericin molecules in a tunable optical $\lambda/2$ microcavity. Journal of Chemical Physics, 2022, 156, 014203.	1.2	1
148	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.	7.8	0
149	Interfacing in Highly Luminescent Organic Charge-Transfer Co-Crystals. , 0, , .		0