

Sophia C Hayes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7294860/publications.pdf>

Version: 2024-02-01

34
papers

909
citations

567281

15
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

1723
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Photophysical Templating of Conjugated Polyelectrolytes with Single-Stranded DNA. <i>Chemistry of Materials</i> , 2020, 32, 7347-7362.	6.7	4
2	<i>CYP2J19</i> mediates carotenoid colour introgression across a natural avian hybrid zone. <i>Molecular Ecology</i> , 2020, 29, 4970-4984.	3.9	17
3	Resonance Raman study of the J-type aggregation process of a water soluble perylene bisimide. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18300-18309.	2.8	2
4	The Importance of Microstructure in Determining Polaron Generation Yield in Poly(9,9-dioctylfluorene). <i>Chemistry of Materials</i> , 2019, 31, 6787-6797.	6.7	16
5	Managing Local Order in Conjugated Polymer Blends via Polarity Contrast. <i>Chemistry of Materials</i> , 2019, 31, 6540-6547.	6.7	20
6	Impact of Structural Polymorphs on Charge Collection and Nongeminate Recombination in Organic Photovoltaic Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29141-29149.	3.1	5
7	Correlating the effective work function at buried organic/metal interfaces with organic solar cell characteristics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8060-8068.	5.5	10
8	Salt-induced thermochromism of a conjugated polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28853-28866.	2.8	12
9	Emission from the stable Blatter radical. <i>New Journal of Chemistry</i> , 2017, 41, 8604-8613.	2.8	37
10	Effect of molecular weight on the vibronic structure of a diketopyrrolopyrrole polymer. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
11	Exploring the origin of high optical absorption in conjugated polymers. <i>Nature Materials</i> , 2016, 15, 746-753.	27.5	314
12	Oxidation of Tetraphenylhexaazaanthracene: Accessing a Scissor Dimer of a 16 π Biscyanine. <i>Organic Letters</i> , 2016, 18, 1116-1119.	4.6	12
13	Spectroscopic characterization of C-4 substituted 3,5-dichloro-4H-1,2,6-thiadiazines. <i>RSC Advances</i> , 2015, 5, 18471-18481.	3.6	8
14	Tetraphenylhexaazaanthracenes: 16 π Weakly Antiaromatic Species with Singlet Ground States. <i>Organic Letters</i> , 2015, 17, 4026-4029.	4.6	20
15	Analysis of depolarization ratios of ClNO ₂ dissolved in methanol. <i>Journal of Chemical Physics</i> , 2014, 140, 014301.	3.0	1
16	Direct observation of ultrafast long-range charge separation at polymer–fullerene heterojunctions. <i>Nature Communications</i> , 2014, 5, 4288.	12.8	140
17	Resonance Raman Investigation of β -Cyclodextrin-Encapsulated β -Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5737-5747.	2.6	22
18	Resonance Raman Intensity Analysis of ClNO ₂ Dissolved in Methanol. <i>Journal of Physical Chemistry A</i> , 2013, 117, 300-310.	2.5	1

#	ARTICLE	IF	CITATIONS
19	Polyrotaxanes (Conjugated)., 2013, , 1-13.		0
20	UV Resonance Raman Study of TTR(105~115) Structural Evolution as a Function of Temperature. Journal of Physical Chemistry B, 2011, 115, 4088-4098.	2.6	6
21	Analysis of the excited-state absorption spectral bandshape of oligofluorenes. Journal of Chemical Physics, 2010, 132, 214510.	3.0	15
22	Charge-transfer excitons in strongly coupled organic semiconductors. Physical Review B, 2010, 81, .	3.2	12
23	UV resonance Raman spectroscopy of TTR(105~115): determination of the pKa of tyrosine. Physical Chemistry Chemical Physics, 2009, 11, 5302.	2.8	15
24	Time resolved infrared absorption studies of geminate recombination and vibrational relaxation in OCIO photochemistry. Journal of Chemical Physics, 2004, 121, 4795-4803.	3.0	8
25	On the actinic wavelength dependence of OCIO photochemistry in solution. Journal of Chemical Physics, 2003, 118, 1883-1890.	3.0	8
26	Intermolecular Hydrogen Bonding in Chlorine Dioxide Photochemistry: A Time-Resolved Resonance Raman Study. ACS Symposium Series, 2002, , 136-147.	0.5	0
27	Investigating the phase-dependent photochemical reaction dynamics of chlorine dioxide using resonance Raman spectroscopy. International Reviews in Physical Chemistry, 2002, 21, 405-432.	2.3	17
28	The production and decay kinetics of ClOO in water and freon-11: A time-resolved resonance raman study. Journal of Chemical Physics, 2001, 115, 11228-11238.	3.0	20
29	Femtosecond UV Pump/Near-IR Probe Studies of the Solvent-Dependent Excited-State Decay Dynamics of Chlorine Dioxide. Journal of Physical Chemistry A, 2001, 105, 9819-9826.	2.5	18
30	Intermolecular hydrogen bonding in chlorine dioxide photochemistry: A time-resolved resonance Raman study. Chemical Physics, 2001, 263, 389-400.	1.9	12
31	The formation of ClOO following the photoexcitation of aqueous OCIO studied by two-color, time-resolved resonance Raman spectroscopy. Journal of Chemical Physics, 2000, 112, 505-508.	3.0	35
32	A Time-Resolved Resonance Raman Study of Chlorine Dioxide Photochemistry in Water and Acetonitrile. Journal of Physical Chemistry A, 1999, 103, 5534-5546.	2.5	37
33	Femtosecond pump~probe studies of chlorine dioxide photochemistry in water and acetonitrile. Chemical Physics, 1998, 236, 207-224.	1.9	28
34	Geminate recombination and vibrational relaxation dynamics of aqueous chlorine dioxide: A time-resolved resonance Raman study. Journal of Chemical Physics, 1998, 109, 2596-2599.	3.0	37