

Aimee Tomlinson

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

352
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	New Design Paradigm for Color Control in Anodically Coloring Electrochromic Molecules. Journal of the American Chemical Society, 2019, 141, 3859-3862.	13.7	62
2	Benzobisoxazole cruciforms: a tunable, cross-conjugated platform for the generation of deep blue OLED materials. Journal of Materials Chemistry C, 2016, 4, 3765-3773.	5.5	40
3	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. Chemistry of Materials, 2019, 31, 6841-6849.	6.7	40
4	Tuning the Optical and Electronic Properties of 4,8-Disubstituted Benzobisoxazoles via Alkyne Substitution. Journal of Organic Chemistry, 2011, 76, 8670-8681.	3.2	36
5	Influence of Conjugation Axis on the Optical and Electronic Properties of Aryl-Substituted Benzobisoxazoles. Journal of Organic Chemistry, 2013, 78, 6570-6581.	3.2	36
6	Synthesis, characterization and photovoltaic properties of poly(thiophenevinylene-alt-benzobisoxazole)s. Physical Chemistry Chemical Physics, 2011, 13, 1338-1344.	2.8	32
7	Direct INDO/SCI method for excited state calculations. Journal of Computational Chemistry, 2003, 24, 1782-1788.	3.3	19
8	A structural model for cyanine dyes templated into the minor groove of DNA. Chemical Physics, 2006, 325, 36-47.	1.9	17
9	Modeling electrochromic poly-dioxythiophene-containing materials through TDDFT. Physical Chemistry Chemical Physics, 2017, 19, 20251-20258.	2.8	17
10	Electrochromism of alkylene-linked discrete chromophore polymers with broad radical cation light absorption. Polymer Chemistry, 2018, 9, 3055-3066.	3.9	15
11	Effect of Extended Conjugation on the Optoelectronic Properties of Benzo[1,2-d:4,5-d']bisoxazole Polymers. Australian Journal of Chemistry, 2014, 67, 711.	0.9	10
12	Synthesis of benzobisoxazole-based D-A-D organic chromophores with variable optical and electronic properties. Pure and Applied Chemistry, 2012, 84, 991-1004.	1.9	7
13	Evaluating the Impact of Fluorination on the Electro-optical Properties of Cross-Conjugated Benzobisoxazoles. Journal of Physical Chemistry A, 2019, 123, 1343-1352.	2.5	6
14	Benzobisoxazole Cruciforms: A Cross-Conjugated Platform for Designing Tunable Donor/Acceptor Materials. Asian Journal of Organic Chemistry, 2021, 10, 215-223.	2.7	6
15	Guiding synthetic targets of anodically coloring electrochromes through density functional theory. Journal of Chemical Physics, 2021, 154, 054110.	3.0	5
16	Evaluating the influence of heteroatoms on the electronic properties of aryl[3,4-c]pyrroledione based copolymers. Polymer, 2017, 109, 85-92.	3.8	4