

Todd C Sutherland

List of Publications by Year in descending order

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papers

562
citations

759233

12
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus-Based Heteropentacenes: Efficiently Tunable Materials for Organic n-Type Semiconductors. Chemistry - A European Journal, 2008, 14, 9878-9889.	3.3	130
2	Reversible Redox of NADH and NAD ⁺ at a Hybrid Lipid Bilayer Membrane Using Ubiquinone. Journal of the American Chemical Society, 2011, 133, 12366-12369.	13.7	64
3	Heterogeneous Proton-Coupled Electron Transfer of an Aminoanthraquinone Self-Assembled Monolayer. Journal of Physical Chemistry C, 2009, 113, 4915-4924.	3.1	41
4	Synthesis of π -Extended Thiadiazole (Oxides) and Their Electronic Properties. Organic Letters, 2010, 12, 4520-4523.	4.6	40
5	Tuning Light Absorption in Pyrene: Synthesis and Substitution Effects of Regioisomeric Donor-Acceptor Chromophores. Organic Letters, 2013, 15, 4798-4801.	4.6	36
6	Toward low-band gap dithienophosphole copolymers for an application in organic solar cells. Journal of Polymer Science Part A, 2008, 46, 8179-8190.	2.3	35
7	Optical and electrochemical properties of ethynylaniline derivatives of phenothiazine, phenothiazine-5-oxide and phenothiazine-5,5-dioxide. Physical Chemistry Chemical Physics, 2014, 16, 12266-12274.	2.8	26
8	Subtle substitution controls the rainbow chromatic behaviour of multi-stimuli responsive core-expanded pyrenes. Materials Chemistry Frontiers, 2020, 4, 268-276.	5.9	23
9	Extended 2,5-Diazaphosphole Oxides: Promising Electron-Acceptor Building Blocks for π -Conjugated Organic Materials. Chemistry - A European Journal, 2010, 16, 7101-7105.	3.3	21
10	Band-gap engineering of polythiophenes via dithienophosphole doping. Journal of Polymer Science Part A, 2011, 49, 1201-1209.	2.3	18
11	Modern Spin on the Electrochemical Persistence of Heteroatom-Bridged Triphenylmethyl-Type Radicals. Journal of Physical Chemistry Letters, 2018, 9, 2825-2829.	4.6	17
12	Optical Effect of Varying Acceptors in Pyrene Donor-Acceptor-Donor Chromophores. European Journal of Organic Chemistry, 2017, 2017, 3980-3985.	2.4	14
13	Liquid crystalline 21,23-dithiaporphyrins. Journal of Materials Chemistry, 2012, 22, 20611.	6.7	13
14	Synthesis and Optical and Electronic Properties of Thiophene Derivatives. European Journal of Organic Chemistry, 2009, 2009, 5635-5646.	2.4	8
15	Heterogeneous proton-coupled electron transfer of a hydroxy-anthraquinone self-assembled monolayer. Journal of Electroanalytical Chemistry, 2011, 653, 50-55.	3.8	8
16	Synthesis and Optical and Electronic Properties of Core-Modified 21,23-Dithiaporphyrins. Journal of Organic Chemistry, 2013, 78, 1612-1620.	3.2	8
17	A molecular study of tetrakis(<i>p</i> -methoxyphenyl)porphyrin and its Zn(II) complex as discotic liquid crystals. International Journal of Quantum Chemistry, 2013, 113, 2287-2294.	2.0	8
18	Core expanded, 21,23-dithiadiacenaphtho[1,2-c]porphyrin interactions with [60]fullerene. New Journal of Chemistry, 2017, 41, 4802-4805.	2.8	8

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19	Acid-Catalyzed Electron Transfer Processes in Naphthalene <i>peri</i> -Dichalcogenides. <i>Journal of Organic Chemistry</i> , 2018, 83, 11917-11925.	3.2	8
20	Photobleaching of Erythrosine B in Aqueous Environment Investigation Beyond pH ^{>} . <i>Photochemistry and Photobiology</i> , 2022, 98, 49-56.	2.5	8
21	Pi-Extended Ethynyl 21,23-Dithiaporphyrins: A Synthesis and Comparative Study of Electrochemical, Optical, and Self-Assembling Properties. <i>Journal of Organic Chemistry</i> , 2015, 80, 9401-9409.	3.2	7
22	Simple and modular design platform of bimodal turn-on chemodosimeters for oxophilic metal cations. <i>New Journal of Chemistry</i> , 2018, 42, 16469-16473.	2.8	4
23	Synthesis and electrochemical evaluation of 2-substituted imidazolium salts. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3784.	1.9	2
24	Synthetic Access to Benzimidacarbocyanine Dyes to Tailor Their Aggregation Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 8641-8651.	3.2	2
25	An unusual self-assembling columnar mesogen prepared by tethering a planar naphthalenediimide acceptor to bent phenothiazine donors. <i>Materials Advances</i> , 2022, 3, 328-336.	5.4	2
26	Achieving organic nanoparticles with redox-active capabilities: synthesis of gold nanoparticles in water as a proof-of-principle. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	1
27	A comparison of optical, electrochemical and self-assembling properties of two structural isomers based on 1,6- and 1,8-pyrenedione chromophores. <i>New Journal of Chemistry</i> , 2018, 42, 2970-2978.	2.8	1
28	Synthesis of Tetrathia-Oligothiophene Macrocycles. <i>ACS Omega</i> , 2019, 4, 3405-3408.	3.5	1
29	High-Fidelity Dimerization of Xanthenyl Radicals and Dynamic Qualities of a Congested Ethane: Diethyl Dixanthenyl-9,9-dicarboxylate. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	1
30	Multiple aggregates from multiple polymorphs: structural and mechanistic insight into organic dye aggregates. <i>Nanoscale</i> , 0, , .	5.6	1