

# James B Derr

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

380  
citations

1162889

8  
h-index

940416

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge transfer vs. proton transfer in the excited-state dynamics of biomimetic pyranoflavylium cations. <i>Journal of Photochemistry and Photobiology</i> , 2022, 10, 100110.	1.1	3
2	How does tautomerization affect the excited-state dynamics of an amino acid-derivatized corrole?. <i>Photosynthesis Research</i> , 2021, 148, 67-76.	1.6	5
3	Role of intramolecular hydrogen bonds in promoting electron flow through amino acid and oligopeptide conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
4	On the Search of a Silver Bullet for the Preparation of Bioinspired Molecular Electrets with Propensity to Transfer Holes at High Potentials. <i>Biomolecules</i> , 2021, 11, 429.	1.8	1
5	What defines biomimetic and bioinspired science and engineering?. <i>Pure and Applied Chemistry</i> , 2021, 93, 1275-1292.	0.9	3
6	The Synthesis and Photophysical Properties of Weakly Coupled Diketopyrrolopyrroles. <i>Molecules</i> , 2021, 26, 4744.	1.7	1
7	Correction: Multifaceted aspects of charge transfer. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8937-8937.	1.3	0
8	Making Nitronaphthalene Fluoresce. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10295-10303.	2.1	7
9	Biomimetic and bioinspired molecular electrets. How to make them and why does the established peptide chemistry not always work?. <i>Pure and Applied Chemistry</i> , 2020, 92, 275-299.	0.9	6
10	Multifaceted aspects of charge transfer. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21583-21629.	1.3	26
11	Solvent-induced selectivity of Williamson etherification in the pursuit of amides resistant against oxidative degradation. <i>RSC Advances</i> , 2020, 10, 24419-24424.	1.7	6
12	Practical Aspects of Cyclic Voltammetry: How to Estimate Reduction Potentials When Irreversibility Prevails. <i>Journal of the Electrochemical Society</i> , 2019, 166, H3175-H3187.	1.3	173
13	Bidirectional Solvatochromism of a Pyrrolo[3,2- <i>b</i> ]pyrrole "Diketopyrrolopyrrole Hybrid. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13424-13434.	1.5	23
14	How Do Amides Affect the Electronic Properties of Pyrene?. <i>ACS Omega</i> , 2018, 3, 12857-12867.	1.6	22
15	Titelbild: Dipole Effects on Electron Transfer are Enormous ( <i>Angew. Chem.</i> 38/2018). <i>Angewandte Chemie</i> , 2018, 130, 12357-12357.	1.6	0
16	Dipole Effects on Electron Transfer are Enormous. <i>Angewandte Chemie</i> , 2018, 130, 12545-12549.	1.6	11
17	Dipole-induced effects on charge transfer and charge transport. Why do molecular electrets matter?. <i>Canadian Journal of Chemistry</i> , 2018, 96, 843-858.	0.6	20
18	Dipole Effects on Electron Transfer are Enormous. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12365-12369.	7.2	55