

Daniel K Burden

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

315
citations

1040056

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h-index

1372567

10
g-index

10
all docs

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docs citations

10
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	The Inhibition of N ₂ O ₅ Hydrolysis in Sulfuric Acid by 1-Butanol and 1-Hexanol Surfactant Coatings. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2921-2929.	2.5	66
2	Growth and development of the barnacle <i>Amphibalanus amphitrite</i> : time and spatially resolved structure and chemistry of the base plate. <i>Biofouling</i> , 2014, 30, 799-812.	2.2	55
3	Barnacle <i>Balanus amphitrite</i> Adheres by a Stepwise Cementing Process. <i>Langmuir</i> , 2012, 28, 13364-13372.	3.5	54
4	Surfactant Control of Gas Transport and Reactions at the Surface of Sulfuric Acid. <i>Accounts of Chemical Research</i> , 2009, 42, 379-387.	15.6	51
5	Imaging Active Surface Processes in Barnacle Adhesive Interfaces. <i>Langmuir</i> , 2016, 32, 541-550.	3.5	31
6	Inert Gas Scattering from Liquid Hydrocarbon Microjets. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3045-3049.	4.6	17
7	HCl Uptake through Films of Pentanoic Acid and Pentanoic Acid/Hexanol Mixtures at the Surface of Sulfuric Acid. <i>Journal of Physical Chemistry A</i> , 2009, 113, 14131-14140.	2.5	16
8	Electron Backscatter Diffraction (EBSD) Study of the Structure and Crystallography of the Barnacle <i>Balanus amphitrite</i> . <i>Jom</i> , 2014, 66, 143-148.	1.9	11
9	Shell Structure and Growth in the Base Plate of the Barnacle <i>Amphibalanus amphitrite</i> . <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1085-1095.	5.2	10
10	The Entry of HCl through Soluble Surfactants on Sulfuric Acid: Effects of Chain Branching. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7993-8001.	2.6	4