

# D Matthew Eby

## List of Publications by Year in descending order

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12  
papers

858  
citations

840585

11  
h-index

1199470

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the molecular structure of antimicrobial peptide-mediated silica condensation using X-ray photoelectron spectroscopy. <i>Journal of Materials Chemistry</i> , 2012, 22, 9875.	6.7	48
2	Bacterial Sunscreen: Layer-by-Layer Deposition of UV-Absorbing Polymers on Whole-Cell Biosensors. <i>Langmuir</i> , 2012, 28, 10521-10527.	1.6	23
3	Supramolecular assembly of a biomineralizing antimicrobial peptide in coarse-grained Monte Carlo simulations. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1123-1130.	1.3	11
4	Redox-dependent structural changes in archaeal and bacterial Rieske-type [2Fe-2S] clusters. <i>Protein Science</i> , 2009, 11, 2969-2973.	3.1	27
5	Lysozyme Catalyzes the Formation of Antimicrobial Silver Nanoparticles. <i>ACS Nano</i> , 2009, 3, 984-994.	7.3	219
6	Encapsulation of Bacterial Spores in Nanoorganized Polyelectrolyte Shells. <i>Langmuir</i> , 2009, 25, 14011-14016.	1.6	71
7	Hybrid Antimicrobial Enzyme and Silver Nanoparticle Coatings for Medical Instruments. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1553-1560.	4.0	221
8	Synthesis of Bioinorganic Antimicrobial Peptide Nanoparticles with Potential Therapeutic Properties. <i>Biomacromolecules</i> , 2008, 9, 2487-2494.	2.6	48
9	Histidine Ligand Protonation and Redox Potential in the Rieske Dioxygenases: Role of a Conserved Aspartate in Anthranilate 1,2-Dioxygenase. <i>Biochemistry</i> , 2003, 42, 13625-13636.	1.2	38
10	X-ray Crystal Structure of Benzoate 1,2-Dioxygenase Reductase from <i>Acinetobacter</i> sp. Strain ADP1. <i>Journal of Molecular Biology</i> , 2002, 318, 261-272.	2.0	57
11	Cloning and Expression of the Benzoate Dioxygenase Genes from <i>Rhodococcus</i> sp. Strain 19070. <i>Applied and Environmental Microbiology</i> , 2001, 67, 2507-2514.	1.4	39
12	Characterization and Evolution of Anthranilate 1,2-Dioxygenase from <i>Acinetobacter</i> sp. Strain ADP1. <i>Journal of Bacteriology</i> , 2001, 183, 109-118.	1.0	56