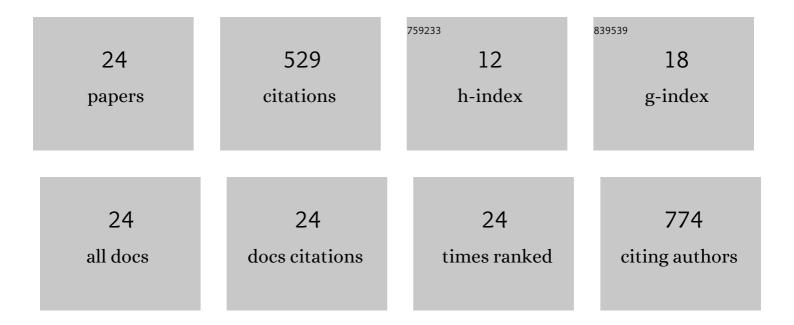
Andrea E Rawlings

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8839802/publications.pdf

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#	Article	lF	CITATIONS
1	Membrane proteins: always an insoluble problem?. Biochemical Society Transactions, 2016, 44, 790-795.	3.4	73
2	Biotemplated Magnetic Nanoparticle Arrays. Small, 2012, 8, 204-208.	10.0	66
3	Targeted magnetic nanoparticle hyperthermia for the treatment of oral cancer. Journal of Oral Pathology and Medicine, 2019, 48, 803-809.	2.7	57
4	Self-assembled MmsF proteinosomes control magnetite nanoparticle formation in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16094-16099.	7.1	54
5	Crystallizing the function of the magnetosome membrane mineralization protein Mms6. Biochemical Society Transactions, 2016, 44, 883-890.	3.4	50
6	Ferrous Iron Binding Key to Mms6 Magnetite Biomineralisation: A Mechanistic Study to Understand Magnetite Formation Using pH Titration and NMR Spectroscopy. Chemistry - A European Journal, 2016, 22, 7885-7894.	3.3	41
7	Phage display selected magnetite interacting Adhirons for shape controlled nanoparticle synthesis. Chemical Science, 2015, 6, 5586-5594.	7.4	32
8	Using a biomimetic membrane surface experiment to investigate the activity of the magnetite biomineralisation protein Mms6. RSC Advances, 2016, 6, 7356-7363.	3.6	32
9	Structure of the Phosphatase Domain of the Cell Fate Determinant SpollE from Bacillus subtilis. Journal of Molecular Biology, 2012, 415, 343-358.	4.2	27
10	Artificial coiled coil biomineralisation protein for the synthesis of magnetic nanoparticles. Nature Communications, 2019, 10, 2873.	12.8	26
11	Biopolymer Stabilization/Solidification of Soils: A Rapid, Micro-Macro, Cross-Disciplinary Approach. Environmental Science & Technology, 2020, 54, 13963-13972.	10.0	18
12	Macrofluidic Coaxial Flow Platforms to Produce Tunable Magnetite Nanoparticles: A Study of the Effect of Reaction Conditions and Biomineralisation Protein Mms6. Nanomaterials, 2019, 9, 1729.	4.1	12
13	Magnetosomes and Magnetosome Mimics: Preparation, Cancer Cell Uptake and Functionalization for Future Cancer Therapies. Pharmaceutics, 2021, 13, 367.	4.5	11
14	Expression of soluble, active fragments of the morphogenetic protein SpollE from Bacillus subtilis using a library-based construct screen. Protein Engineering, Design and Selection, 2010, 23, 817-825.	2.1	10
15	Investigating the ferric ion binding site of magnetite biomineralisation protein Mms6. PLoS ONE, 2020, 15, e0228708.	2.5	10
16	Membrane protein engineering to the rescue. Biochemical Society Transactions, 2018, 46, 1541-1549.	3.4	6
17	Rational Design and Self-Assembly of Coiled-Coil Linked SasG Protein Fibrils. ACS Synthetic Biology, 2020, 9, 1599-1607.	3.8	3
18	Systematic Screening and Deep Analysis of CoPt Binding Peptides Leads to Enhanced CoPt Nanoparticles Using Designed Peptides. Bioconjugate Chemistry, 2020, 31, 1981-1994.	3.6	1

#	Article	IF	CITATIONS
19	The structure of Rph, an exoribonuclease fromBacillus anthracis, at 1.7â€Ã resolution. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 2-7.	0.7	0
20	Protein and Peptide-Mediated Synthesis of Magnetic Nanoparticles and Arrays for Biomedicine and Future Data Storage. , 2018, , 95-133.		0
21	Investigating the ferric ion binding site of magnetite biomineralisation protein Mms6. , 2020, 15, e0228708.		0
22	Investigating the ferric ion binding site of magnetite biomineralisation protein Mms6. , 2020, 15, e0228708.		0
23	Investigating the ferric ion binding site of magnetite biomineralisation protein Mms6. , 2020, 15, e0228708.		0
24	Investigating the ferric ion binding site of magnetite biomineralisation protein Mms6. , 2020, 15, e0228708.		0