

Keith M Bromley

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

887
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of functional, non-amyloidogenic fibres by recombinant <i>Bacillus subtilis</i> TasA. <i>Molecular Microbiology</i> , 2018, 110, 897-913.	2.5	37
2	BslA-stabilized emulsion droplets with designed microstructure. <i>Interface Focus</i> , 2017, 7, 20160124.	3.0	7
3	Bifunctionality of a biofilm matrix protein controlled by redox state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6184-E6191.	7.1	57
4	Natural variations in the biofilm-associated protein BslA from the genus <i>Bacillus</i> . <i>Scientific Reports</i> , 2017, 7, 6730.	3.3	17
5	A phenomenological description of BslA assemblies across multiple length scales. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150131.	3.4	12
6	Celebrating <i>Soft Matter</i> 's 10th Anniversary: Simplicity in complexity – towards a soft matter physics of caramel. <i>Soft Matter</i> , 2016, 12, 2757-2765.	2.7	8
7	Interfacial self-assembly of a bacterial hydrophobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5419-5424.	7.1	68
8	BslA is a self-assembling bacterial hydrophobin that coats the <i>Bacillus subtilis</i> biofilm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13600-13605.	7.1	244
9	Amelogenin Processing by MMP-20 Prevents Protein Occlusion Inside Calcite Crystals. <i>Crystal Growth and Design</i> , 2012, 12, 4897-4905.	3.0	11
10	Characterization of Metastable Oligomers as Subunits of Amelogenin Protein Nanospheres. <i>Biophysical Journal</i> , 2012, 102, 259a.	0.5	0
11	In situ AFM Study of Amelogenin Assembly and Disassembly Dynamics on Charged Surfaces Provides Insights on Matrix Protein Self-Assembly. <i>Journal of the American Chemical Society</i> , 2011, 133, 17406-17413.	13.7	66
12	Probing the self-association, intermolecular contacts, and folding propensity of amelogenin. <i>Protein Science</i> , 2011, 20, 724-734.	7.6	28
13	The Cooperation of Enamelin and Amelogenin in Controlling Octacalcium Phosphate Crystal Morphology. <i>Cells Tissues Organs</i> , 2011, 194, 194-198.	2.3	29
14	Folding, Assembly, and Aggregation of Recombinant Murine Amelogenins with T21I and P41T Point Mutations. <i>Cells Tissues Organs</i> , 2011, 194, 284-290.	2.3	13
15	Dissecting Amelogenin Protein Nanospheres. <i>Journal of Biological Chemistry</i> , 2011, 286, 34643-34653.	3.4	65
16	Structural Analysis of a Repetitive Protein Sequence Motif in Strepsirrhine Primate Amelogenin. <i>PLoS ONE</i> , 2011, 6, e18028.	2.5	9
17	Perturbed Amelogenin Secondary Structure Leads to Uncontrolled Aggregation in Amelogenesis Imperfecta Mutant Proteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 40593-40603.	3.4	29
18	Tooth Enamel Proteins Enamelin and Amelogenin Cooperate To Regulate the Growth Morphology of Octacalcium Phosphate Crystals. <i>Crystal Growth and Design</i> , 2010, 10, 4815-4822.	3.0	53

#	ARTICLE	IF	CITATIONS
19	Membrane stabilization and transformation in organoclay-vesicle hybrid constructs. <i>Soft Matter</i> , 2009, 5, 2183.	2.7	2
20	Preparation of high quality nanowires by tobacco mosaic virus templating of gold nanoparticles. <i>Journal of Materials Chemistry</i> , 2008, 18, 4796.	6.7	107
21	Novel protein-inorganic nanoparticles prepared by inorganic replication of self-assembled clathrin cages and triskelia. <i>Soft Matter</i> , 2008, 4, 2054.	2.7	13
22	Nanoscale Organization of Cadmium Sulfide Quantum Dots on Structurally Persistent Dendro-Calixarene Micelles. <i>Small</i> , 2007, 3, 2057-2060.	10.0	10