Keith M Bromley

List of Publications by Year
in descending order

22	887	687363 13	713466 21
papers	citations	h-index	g-index

24	24	24	1190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BslA is a self-assembling bacterial hydrophobin that coats the Bacillus subtilis biofilm. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13600-13605.	7.1	244
2	Preparation of high quality nanowires by tobacco mosaic virus templating of gold nanoparticles. Journal of Materials Chemistry, 2008, 18, 4796.	6.7	107
3	Interfacial self-assembly of a bacterial hydrophobin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5419-5424.	7.1	68
4	In situ AFM Study of Amelogenin Assembly and Disassembly Dynamics on Charged Surfaces Provides Insights on Matrix Protein Self-Assembly. Journal of the American Chemical Society, 2011, 133, 17406-17413.	13.7	66
5	Dissecting Amelogenin Protein Nanospheres. Journal of Biological Chemistry, 2011, 286, 34643-34653.	3.4	65
6	Bifunctionality of a biofilm matrix protein controlled by redox state. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6184-E6191.	7.1	57
7	Tooth Enamel Proteins Enamelin and Amelogenin Cooperate To Regulate the Growth Morphology of Octacalcium Phosphate Crystals. Crystal Growth and Design, 2010, 10, 4815-4822.	3.0	53
8	Formation of functional, nonâ€amyloidogenic fibres by recombinant Bacillus subtilis TasA. Molecular Microbiology, 2018, 110, 897-913.	2.5	37
9	Perturbed Amelogenin Secondary Structure Leads to Uncontrolled Aggregation in Amelogenesis Imperfecta Mutant Proteins. Journal of Biological Chemistry, 2010, 285, 40593-40603.	3.4	29
10	The Cooperation of Enamelin and Amelogenin in Controlling Octacalcium Phosphate Crystal Morphology. Cells Tissues Organs, 2011, 194, 194-198.	2.3	29
11	Probing the selfâ€association, intermolecular contacts, and folding propensity of amelogenin. Protein Science, 2011, 20, 724-734.	7.6	28
12	Natural variations in the biofilm-associated protein BslA from the genus Bacillus. Scientific Reports, 2017, 7, 6730.	3.3	17
13	Novel proteinâ€“inorganic nanoparticles prepared by inorganic replication of self-assembled clathrin cages and triskelia. Soft Matter, 2008, 4, 2054.	2.7	13
14	Folding, Assembly, and Aggregation of Recombinant Murine Amelogenins with T21I and P41T Point Mutations. Cells Tissues Organs, 2011, 194, 284-290.	2.3	13
15	A phenomenological description of BslA assemblies across multiple length scales. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150131.	3.4	12
16	Amelogenin Processing by MMP-20 Prevents Protein Occlusion Inside Calcite Crystals. Crystal Growth and Design, 2012, 12, 4897-4905.	3.0	11
17	Nanoscale Organization of Cadmium Sulfide Quantum Dots on Structurally Persistent Dendroâ€Calixarene Micelles. Small, 2007, 3, 2057-2060.	10.0	10
18	Structural Analysis of a Repetitive Protein Sequence Motif in Strepsirrhine Primate Amelogenin. PLoS ONE, 2011, 6, e18028.	2.5	9

#	Article	IF	Citations
19	Celebrating Soft Matter's 10th Anniversary: Simplicity in complexity â€“ towards a soft matter physics of caramel. Soft Matter, 2016, 12, 2757-2765.	2.7	8
20	BslA-stabilized emulsion droplets with designed microstructure. Interface Focus, 2017, 7, 20160124.	3.0	7
21	Membrane stabilization and transformation in organoclayâ€“vesicle hybrid constructs. Soft Matter, 2009, 5, 2183.	2.7	2
22	Characterization of Metastable Oligomers as Subunits of Amelogenin Protein Nanospheres. Biophysical Journal, 2012, 102, 259a.	0.5	0