Joanne M Willey

List of Publications by Year
in descending order

35 papers	4,672 citations	361413 20 h-index	434195 31 g-index
36 all docs	36 docs citations	36 times ranked	5235 citing authors

#	Article	IF	Citations
1	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. Natural Product Reports, 2013, 30, 108-160.	10.3	1,692
2	Minimum Information about a Biosynthetic Gene cluster. Nature Chemical Biology, 2015, 11, 625-631.	8.0	715
3	Lantibiotics: Peptides of Diverse Structure and Function. Annual Review of Microbiology, 2007, 61, 477-501.	7.3	564
4	From The Cover: The SapB morphogen is a lantibiotic-like peptide derived from the product of the developmental gene ramS in Streptomyces coelicolor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11448-11453.	7.1	286
5	Extracellular complementation of a developmental mutation implicates a small sporulation protein in aerial mycelium formation by S. coelicolor. Cell, 1991, 65, 641-650.	28.9	183
6	Interactions between Streptomyces coelicolor and Bacillus subtilis : Role of Surfactants in Raising Aerial Structures. Journal of Bacteriology, 2006, 188, 4918-4925.	2.2	149
7	Cell-Cell Communication in Bacteria: United We Stand. Journal of Bacteriology, 2008, 190, 4377-4391.	2.2	147
8	Morphogenetic surfactants and their role in the formation of aerial hyphae in Streptomyces coelicolor. Molecular Microbiology, 2006, 59, 731-742.	2.5	103
9	[6] Isolation and growth of marine planktonic cyanobacteria. Methods in Enzymology, 1988, 167, 100-105.	1.0	100
10	Morphogenetic Signaling Molecules of the Streptomycetes. Chemical Reviews, 2011, 111, 174-187.	47.7	91
11	SapB and the chaplins: connections between morphogenetic proteins in Streptomyces coelicolor. Molecular Microbiology, 2007, 64, 602-613.	2.5	84
12	SapT, a lanthionine-containing peptide involved in aerial hyphae formation in the streptomycetes. Molecular Microbiology, 2005, 58, 1368-1380.	2.5	77
13	Surface-active proteins enable microbial aerial hyphae to grow into the air. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	75
14	A central regulator of morphological differentiation in the multicellular bacterium Streptomyces coelicolor. Molecular Microbiology, 2002, 46, 1223-1238.	2.5	68
15	Changing Medical Education, Overnight: The Curricular Response to COVID-19 of Nine Medical Schools. Teaching and Learning in Medicine, 2021, 33, 334-342.	2.1	62
16	Structural Proteins Involved in Emergence of Microbial Aerial Hyphae. Fungal Genetics and Biology, 1999, 27, 153-160.	2.1	59
17	Streptofactin, a novel biosurfactant with aerial mycelium inducing activity fromStreptomyces tendaeTÃƒÂ¼ 901/8c. FEMS Microbiology Letters, 1998, 163, 165-171.	1.8	44
18	Patients donâ€™t come with multiple choice options: essay-based assessment in UME. Medical Education Online, 2019, 24, 1649959.	2.6	35

#	Article	IF	Citations
19	Modeling integration: co-teaching basic and clinical sciences medicine in the classroom. Advances in Medical Education and Practice, 2018, Volume 9, 739-751.	1.5	32
20	Contextualizing the relevance of basic sciences: small-group simulation with debrief for first- and second-year medical students in an integrated curriculum. Advances in Medical Education and Practice, 2017, Volume 8, 79-84.	1.5	25
21	Integration: a Strategy for Turning Knowledge into Action. Medical Science Educator, 2015, 25, 533-543.	1.5	16
22	Multiâ€tier regulation of the streptomycete morphogenetic peptide SapB. Molecular Microbiology, 2012, 84, 501-515.	2.5	11
23	Formative Assessment in an Integrated Curriculum. Academic Medicine, 2017, 92, S21-S25.	1.6	11
24	Production of recombinant endotoxin neutralizing protein in Pichia pastoris and methods for its purification. Protein Expression and Purification, 2002, 26, 202-210.	1.3	9
25	Trusting early learners with critical professional activities through emergency medical technician certification. Medical Teacher, 2018, 40, 561-568.	1.8	9
26	Third year medical students impersonalize and hedge when providing negative upward feedback to clinical faculty. Medical Teacher, 2021, 43, 1-15.	1.8	7
27	Crowdsourcing biocuration: The Community Assessment of Community Annotation with Ontologies (CACAO). PLoS Computational Biology, 2021, 17, e1009463.	3.2	7
28	Supporting Self-Directed Learning: A National Needs Analysis. Medical Science Educator, 2021, 31, 1091-1099.	1.5	5
29	Applying the Hedgehog Concept to Transform Undergraduate Medical Education. Academic Medicine, 2019, 94, 477-481.	1.6	2
30	Pandemics Past and Present: A Guided Inquiry Approach. Journal of Medical Education and Curricular Development, 2020, 7, 238212052097695.	1.5	2
31	Innovation in Leadership Development in Undergraduate Medical Education. Medical Science Educator, 2021, 31, 17-18.	1.5	1
32	Supporting Self-Directed Learning: Development of a Faculty Evaluation Scale. Teaching and Learning in Medicine, 2021, , 1-10.	2.1	1
33	Using the â€œHallmarks of Cancerâ€•as a framework for medical students and clinicians to understand oncogenesis. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 1-4.	1.6	0
34	Diverse Cell-Cell Signaling Molecules Control Formation of Aerial Hyphae and Secondary Metabolism in Streptomycetes. , 0, , 91-104.		0
35	Can Content Experts Rely on Others to Reliably Score Open-Ended Questions on Summative Exams?. Academic Medicine, 2021, 96, S210-S210.	1.6	0