Jessica L Keffer

List of Publications by Year
in descending order

24 papers	732 citations	623734 14 h-index	677142 22 g-index
30 all docs	30 docs citations	30 times ranked	1032 citing authors

#	Article	IF	Citations
1	Unraveling Fe(II)-Oxidizing Mechanisms in a Facultative Fe(II) Oxidizer, Sideroxydans lithotrophicus Strain ES-1, via Culturing, Transcriptomics, and Reverse Transcription-Quantitative PCR. Applied and Environmental Microbiology, 2022, 88, AEM0159521.	3.1	14
2	Bacterial Communities in Concrete Reflect Its Composite Nature and Change with Weathering. MSystems, 2021, 6, .	3.8	11
3	Iron Oxidation by a Fused Cytochrome-Porin Common to Diverse Iron-Oxidizing Bacteria. MBio, 2021, 12, e0107421.	4.1	34
4	Aerobic and anaerobic iron oxidizers together drive denitrification and carbon cycling at marine iron-rich hydrothermal vents. ISME Journal, 2021, 15, 1271-1286.	9.8	46
5	RNA-Seq Reveals that Light and Darkness Are Different Stimuli in Freshwater Heterotrophic Actinobacteria. Frontiers in Microbiology, 2021, 12, 739005.	3.5	2
6	Mixotrophic Iron-OxidizingThiomonasIsolates from an Acid Mine Drainage-Affected Creek. Applied and Environmental Microbiology, 2020, 86, .	3.1	9
7	Light Modulates the Physiology of Nonphototrophic Actinobacteria. Journal of Bacteriology, 2019, 201, .	2.2	22
8	Complete Genome Sequence of Microbacterium sp. Strain 10M-3C3, Isolated from an Extremely Phosphorus-Poor Lake. Microbiology Resource Announcements, 2019, 8, .	0.6	1
9	Distribution and Diversity of Rhodopsin-Producing Microbes in the Chesapeake Bay. Applied and Environmental Microbiology, 2018, 84, .	3.1	24
10	Biochemical Analysis of Microbial Rhodopsins. Current Protocols in Microbiology, 2016, 41, 1F.4.1-1F.4.18.	6.5	6
11	URBAN GEOMICROBIOLOGY: MICROBIAL COMMUNITIES IN AND ON CONCRETE. , 2016, , .		0
12	Characterization of an Unconventional Rhodopsin from the Freshwater Actinobacterium Rhodoluna lacicola. Journal of Bacteriology, 2015, 197, 2704-2712.	2.2	34
13	Using Total Internal Reflection Fluorescence Microscopy To Visualize Rhodopsin-Containing Cells. Applied and Environmental Microbiology, 2015, 81, 3442-3450.	3.1	12
14	Chrysophaentins are competitive inhibitors of FtsZ and inhibit Z-ring formation in live bacteria. Bioorganic and Medicinal Chemistry, 2013, 21, 5673-5678.	3.0	47
15	Geographic Variability and Anti-Staphylococcal Activity of the Chrysophaentins and Their Synthetic Fragments. Marine Drugs, 2012, 10, 1103-1125.	4.6	18
16	The Mode of Action of FtsZ Inhibitors. Biophysical Journal, 2012, 102, 64a.	0.5	0
17	Discovery and Synthesis of Namalide Reveals a New Anabaenopeptin Scaffold and Peptidase Inhibitor. Journal of Medicinal Chemistry, 2012, 55, 735-742.	6.4	30
18	Motualevic acids and analogs: Synthesis and antimicrobial structureâ€“activity relationships. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4108-4111.	2.2	9

#	Article	IF	Citations
19	Chrysophaentins Aâ˜H, Antibacterial Bisdiarylbutene Macrocycles That Inhibit the Bacterial Cell Division Protein FtsZ. Journal of the American Chemical Society, 2010, 132, 9069-9077.	13.7	97
20	Paltolides Aâ˜C, Anabaenopeptin-Type Peptides from the Palau Sponge Theonella swinhoei. Journal of Natural Products, 2010, 73, 485-488.	3.0	28
21	Mutremdamide A and Koshikamides Câ˜H, Peptide Inhibitors of HIV-1 Entry from Different Theonella Species. Journal of Organic Chemistry, 2010, 75, 4344-4355.	3.2	58
22	Motualevic Acids Aâ˜F, Antimicrobial Acids from the Sponge Siliquariaspongia sp.. Organic Letters, 2009, 11, 1087-1090.	4.6	60
23	Acrolein-Derived DNA Adduct Formation in Human Colon Cancer Cells: Its Role in Apoptosis Induction by Docosahexaenoic Acid. Chemical Research in Toxicology, 2009, 22, 798-806.	3.3	47
24	Celebesides Aâ˜C and Theopapuamides Bâ˜D, Depsipeptides from an Indonesian Sponge That Inhibit HIV-1 Entry. Journal of Organic Chemistry, 2009, 74, 504-512.	3.2	105