

# Jessica L Keffer

## List of Publications by Year in descending order

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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	Celebesides A <sup>~</sup> C and Theopapuamides B <sup>~</sup> D, Depsipeptides from an Indonesian Sponge That Inhibit HIV-1 Entry. <i>Journal of Organic Chemistry</i> , 2009, 74, 504-512.	3.2	105
2	Chrysophaentins A <sup>~</sup> H, Antibacterial Bisdiarylbutene Macrocycles That Inhibit the Bacterial Cell Division Protein FtsZ. <i>Journal of the American Chemical Society</i> , 2010, 132, 9069-9077.	13.7	97
3	Motualevic Acids A <sup>~</sup> F, Antimicrobial Acids from the Sponge <i>Siliquariaspongia</i> sp.. <i>Organic Letters</i> , 2009, 11, 1087-1090.	4.6	60
4	Mutremdamide A and Koshikamides C <sup>~</sup> H, Peptide Inhibitors of HIV-1 Entry from Different <i>Theonella</i> Species. <i>Journal of Organic Chemistry</i> , 2010, 75, 4344-4355.	3.2	58
5	Acrolein-Derived DNA Adduct Formation in Human Colon Cancer Cells: Its Role in Apoptosis Induction by Docosahexaenoic Acid. <i>Chemical Research in Toxicology</i> , 2009, 22, 798-806.	3.3	47
6	Chrysophaentins are competitive inhibitors of FtsZ and inhibit Z-ring formation in live bacteria. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5673-5678.	3.0	47
7	Aerobic and anaerobic iron oxidizers together drive denitrification and carbon cycling at marine iron-rich hydrothermal vents. <i>ISME Journal</i> , 2021, 15, 1271-1286.	9.8	46
8	Characterization of an Unconventional Rhodopsin from the Freshwater Actinobacterium <i>Rhodoluna laticola</i> . <i>Journal of Bacteriology</i> , 2015, 197, 2704-2712.	2.2	34
9	Iron Oxidation by a Fused Cytochrome-Porin Common to Diverse Iron-Oxidizing Bacteria. <i>MBio</i> , 2021, 12, e0107421.	4.1	34
10	Discovery and Synthesis of Namalide Reveals a New Anabaenopeptin Scaffold and Peptidase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 735-742.	6.4	30
11	Paltolides A <sup>~</sup> C, Anabaenopeptin-Type Peptides from the Palau Sponge <i>Theonella swinhoei</i> . <i>Journal of Natural Products</i> , 2010, 73, 485-488.	3.0	28
12	Distribution and Diversity of Rhodopsin-Producing Microbes in the Chesapeake Bay. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	24
13	Light Modulates the Physiology of Nonphototrophic Actinobacteria. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	22
14	Geographic Variability and Anti-Staphylococcal Activity of the Chrysophaentins and Their Synthetic Fragments. <i>Marine Drugs</i> , 2012, 10, 1103-1125.	4.6	18
15	Unraveling Fe(II)-Oxidizing Mechanisms in a Facultative Fe(II) Oxidizer, <i>Sideroxydans lithotrophicus</i> Strain ES-1, via Culturing, Transcriptomics, and Reverse Transcription-Quantitative PCR. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0159521.	3.1	14
16	Using Total Internal Reflection Fluorescence Microscopy To Visualize Rhodopsin-Containing Cells. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3442-3450.	3.1	12
17	Bacterial Communities in Concrete Reflect Its Composite Nature and Change with Weathering. <i>MSystems</i> , 2021, 6, .	3.8	11
18	Motualevic acids and analogs: Synthesis and antimicrobial structure-activity relationships. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4108-4111.	2.2	9

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19	Mixotrophic Iron-Oxidizing <i>Thiomonas</i> Isolates from an Acid Mine Drainage-Affected Creek. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	9
20	Biochemical Analysis of Microbial Rhodopsins. <i>Current Protocols in Microbiology</i> , 2016, 41, 1F.4.1-1F.4.18.	6.5	6
21	RNA-Seq Reveals that Light and Darkness Are Different Stimuli in Freshwater Heterotrophic Actinobacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 739005.	3.5	2
22	Complete Genome Sequence of <i>Microbacterium</i> sp. Strain 10M-3C3, Isolated from an Extremely Phosphorus-Poor Lake. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
23	The Mode of Action of FtsZ Inhibitors. <i>Biophysical Journal</i> , 2012, 102, 64a.	0.5	0
24	URBAN GEOMICROBIOLOGY: MICROBIAL COMMUNITIES IN AND ON CONCRETE. , 2016, , .		0