

Vincent Bonifay

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

596
citations

758635

12
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

883
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of microbial biofilm communities associated with corroded oil pipeline surfaces. <i>Biofouling</i> , 2014, 30, 823-835.	0.8	91
2	Metabolomic and high-throughput sequencing analysis—modern approach for the assessment of biodeterioration of materials from historic buildings. <i>Frontiers in Microbiology</i> , 2015, 6, 979.	1.5	86
3	Substrate Specificities and Efflux Efficiencies of RND Efflux Pumps of <i>Acinetobacter baumannii</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	75
4	Defining new chemical space for drug penetration into Gram-negative bacteria. <i>Nature Chemical Biology</i> , 2020, 16, 1293-1302.	3.9	67
5	Surface-Transfer Mass Spectrometry Imaging of Renal Tissue on Gold Nanoparticle Enhanced Target. <i>Analytical Chemistry</i> , 2016, 88, 7365-7371.	3.2	41
6	Metabolomic study of human tissue and urine in clear cell renal carcinoma by LC-HRMS and PLS-DA. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3859-3869.	1.9	39
7	Metabolomic and Metagenomic Analysis of Two Crude Oil Production Pipelines Experiencing Differential Rates of Corrosion. <i>Frontiers in Microbiology</i> , 2017, 8, 99.	1.5	38
8	A selective antibiotic for Lyme disease. <i>Cell</i> , 2021, 184, 5405-5418.e16.	13.5	33
9	Mass spectrometric metabolomic imaging of biofilms on corroding steel surfaces using laser ablation and solvent capture by aspiration. <i>Biointerphases</i> , 2015, 10, 019003.	0.6	24
10	Anaerobic Biodegradation of Alternative Fuels and Associated Biocorrosion of Carbon Steel in Marine Environments. <i>Environmental Science & Technology</i> , 2016, 50, 4844-4853.	4.6	23
11	Untargeted Metabolomics Approach in Halophiles: Understanding the Biodeterioration Process of Building Materials. <i>Frontiers in Microbiology</i> , 2017, 8, 2448.	1.5	23
12	Loss of RND-Type Multidrug Efflux Pumps Triggers Iron Starvation and Lipid A Modifications in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0059221.	1.4	15
13	First-generation structure-activity relationship studies of 2,3,4,9-tetrahydro-1H-carbazol-1-amines as CpxA phosphatase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1836-1841.	1.0	14
14	Property space mapping of <i>Pseudomonas aeruginosa</i> permeability to small molecules. <i>Scientific Reports</i> , 2022, 12, 8220.	1.6	9
15	Tryptophan oxidation in proteins exposed to thiocyanate-derived oxidants. <i>Archives of Biochemistry and Biophysics</i> , 2014, 564, 1-11.	1.4	7
16	Effect of Sulfur Content on Microbial Composition and Biodegradation of a Brazilian Diesel and Biodiesel Blend (B10). <i>Energy & Fuels</i> , 2017, 31, 12305-12316.	2.5	7
17	Metabolic Profiling and Metabolomic Procedures for Investigating the Biodegradation of Hydrocarbons. <i>Springer Protocols</i> , 2016, , 111-161.	0.1	3
18	Integrated Methodology to Characterize Microbial Populations and Functions across Small Spatial Scales in an Oil Production Facility. , 2017, , 325-350.		0