

# SÃ©bastien Vilain

## List of Publications by Year in descending order

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26  
papers

1,156  
citations

471509

17  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Isomers of Lipid A from <i>Pseudomonas aeruginosa</i> PAO1 by Liquid Chromatography with Tandem Mass Spectrometry with Higher-Energy Collisional Dissociation and Ultraviolet Photodissociation. <i>Analytical Chemistry</i> , 2021, 93, 4255-4262.	6.5	8
2	Analysis of the Phospholipid Profile of the Collection Strain PAO1 and Clinical Isolates of <i>Pseudomonas aeruginosa</i> in Relation to Their Attachment Capacity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4003.	4.1	1
3	Effect of matrices and additives on phosphorylated and ketodeoxyoctonic acid lipids A analysis by matrix-assisted laser desorption ionization-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4600.	1.6	1
4	Phospholipid Content of <i>Pseudomonas aeruginosa</i> PAO1 Is Modulated by the Growth Phase Rather Than the Immobilization State. <i>Lipids</i> , 2019, 54, 519-529.	1.7	10
5	Growth and Extended Survival of <i>Escherichia coli</i> O157:H7 in Soil Organic Matter. <i>Frontiers in Microbiology</i> , 2018, 9, 762.	3.5	30
6	<i>Pseudomonas aeruginosa</i> cells attached to a surface display a typical proteome early as 20 minutes of incubation. <i>PLoS ONE</i> , 2017, 12, e0180341.	2.5	32
7	Copper stress-induced changes in leaf soluble proteome of Cu-sensitive and tolerant <i>Agrostis capillaris</i> L. populations. <i>Proteomics</i> , 2016, 16, 1386-1397.	2.2	15
8	Exploring early steps in biofilm formation: set-up of an experimental system for molecular studies. <i>BMC Microbiology</i> , 2014, 14, 253.	3.3	86
9	Selection of <i>Pseudomonas aeruginosa</i> reference genes for RT-qPCR analysis from sputum of cystic fibrosis patients. <i>Molecular and Cellular Probes</i> , 2014, 28, 10-12.	2.1	11
10	Impact of foliar symptoms of <i>Esca</i> proper on proteins related to defense and oxidative stress of grape skins during ripening. <i>Proteomics</i> , 2013, 13, 108-118.	2.2	14
11	Evidence for the involvement of the anthranilate degradation pathway in <i>Pseudomonas aeruginosa</i> biofilm formation. <i>MicrobiologyOpen</i> , 2012, 1, 326-339.	3.0	27
12	Alteration of the Ileal Microbiota of Weanling Piglets by the Growth-Promoting Antibiotic Chlortetracycline. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5489-5495.	3.1	88
13	DNA as an Adhesin: <i>Bacillus cereus</i> Requires Extracellular DNA To Form Biofilms. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2861-2868.	3.1	233
14	Proteomic analysis of an imatinib-resistant K562 cell line highlights opposing roles of heat shock cognate 70 and heat shock 70 proteins in resistance. <i>Proteomics</i> , 2008, 8, 2394-2406.	2.2	31
15	Proteomic analysis of <i>Bacillus cereus</i> growing in liquid soil organic matter. <i>FEMS Microbiology Letters</i> , 2007, 271, 40-47.	1.8	21
16	Biofilm formation on pyrolytic carbon heart valves: Influence of surface free energy, roughness, and bacterial species. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 1025-1032.	0.8	61
17	Multivariate Approach to Comparing Whole-Cell Proteomes of <i>Bacillus cereus</i> Indicates a Biofilm-Specific Proteome. <i>Journal of Proteome Research</i> , 2006, 5, 1924-1930.	3.7	36
18	Protein expression in <i>Escherichia coli</i> S17-1 biofilms: impact of indole. <i>Antonie Van Leeuwenhoek</i> , 2006, 91, 71-85.	1.7	27

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19	Analysis of the Life Cycle of the Soil Saprophyte <i>Bacillus cereus</i> in Liquid Soil Extract and in Soil. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4970-4977.	3.1	165
20	Proteomics of Biofilm Bacteria. <i>Current Proteomics</i> , 2004, 1, 211-219.	0.3	12
21	Proteomic analysis of agar gel-entrapped <i>Pseudomonas aeruginosa</i> . <i>Proteomics</i> , 2004, 4, 1996-2004.	2.2	26
22	Comparative proteomic analysis of planktonic and immobilized <i>Pseudomonas aeruginosa</i> cells: a multivariate statistical approach. <i>Analytical Biochemistry</i> , 2004, 329, 120-130.	2.4	76
23	Biofilm Proteome: Homogeneity or Versatility?. <i>Journal of Proteome Research</i> , 2004, 3, 132-136.	3.7	49
24	Phosphate deprivation is associated with high resistance to latamoxef of gel-entrapped, sessile-like <i>Escherichia coli</i> cells. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 49, 315-320.	3.0	15
25	Immobilized-cell physiology: current data and the potentialities of proteomics. <i>Enzyme and Microbial Technology</i> , 2002, 31, 201-212.	3.2	60
26	Substituting Coomassie Brilliant Blue for bromophenol blue in two-dimensional electrophoresis buffers improves the resolution of focusing patterns. <i>Electrophoresis</i> , 2001, 22, 4368-4374.	2.4	21