

Emmanuele Severi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

953
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Sialic acid utilization by bacterial pathogens. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2817-2822.	1.8	436
2	Sialic acid transport in <i>Haemophilus influenzae</i> is essential for lipopolysaccharide sialylation and serum resistance and is dependent on a novel tripartite ATP-independent periplasmic transporter. <i>Molecular Microbiology</i> , 2005, 58, 1173-1185.	2.5	120
3	The substrate-binding protein imposes directionality on an electrochemical sodium gradient-driven TRAP transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1778-1783.	7.1	93
4	Conservation of Structure and Mechanism in Primary and Secondary Transporters Exemplified by SiaP, a Sialic Acid Binding Virulence Factor from <i>Haemophilus influenzae</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 22212-22222.	3.4	81
5	Sialic Acid Mutarotation Is Catalyzed by the <i>Escherichia coli</i> \hat{I}^2 -Propeller Protein YjhT. <i>Journal of Biological Chemistry</i> , 2008, 283, 4841-4849.	3.4	55
6	Characterization of a novel sialic acid transporter of the sodium solute symporter (SSS) family and in vivo comparison with known bacterial sialic acid transporters. <i>FEMS Microbiology Letters</i> , 2010, 304, 47-54.	1.8	44
7	Tripartite ATP-independent Periplasmic (TRAP) Transporters Use an Arginine-mediated Selectivity Filter for High Affinity Substrate Binding. <i>Journal of Biological Chemistry</i> , 2015, 290, 27113-27123.	3.4	38
8	Uncovering a novel molecular mechanism for scavenging sialic acids in bacteria. <i>Journal of Biological Chemistry</i> , 2020, 295, 13724-13736.	3.4	26
9	Antibiotic export: transporters involved in the final step of natural product production. <i>Microbiology (United Kingdom)</i> , 2019, 165, 805-818.	1.8	24
10	The conserved carboxy-terminal region of the ammonia channel AmtB plays a critical role in channel function. <i>Molecular Membrane Biology</i> , 2007, 24, 161-171.	2.0	22
11	Multiple evolutionary origins reflect the importance of sialic acid transporters in the colonization potential of bacterial pathogens and commensals. <i>Microbial Genomics</i> , 2021, 7, .	2.0	12
12	Synthetic biology approaches to actinomycete strain improvement. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	2