Emmanuele Severi

List of Publications by Year
in descending order

12	953	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	1285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthetic biology approaches to actinomycete strain improvement. FEMS Microbiology Letters, 2021, 368, .	1.8	2
2	Multiple evolutionary origins reflect the importance of sialic acid transporters in the colonization potential of bacterial pathogens and commensals. Microbial Genomics, 2021, 7, .	2.0	12
3	Uncovering a novel molecular mechanism for scavenging sialic acids in bacteria. Journal of Biological Chemistry, 2020, 295, 13724-13736.	3.4	26
4	Antibiotic export: transporters involved in the final step of natural product production. Microbiology (United Kingdom), 2019, 165, 805-818.	1.8	24
5	Tripartite ATP-independent Periplasmic (TRAP) Transporters Use an Arginine-mediated Selectivity Filter for High Affinity Substrate Binding. Journal of Biological Chemistry, 2015, 290, 27113-27123.	3.4	38
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. FEMS Microbiology Letters, 2010, 304, 47-54.	1.8	44
7	The substrate-binding protein imposes directionality on an electrochemical sodium gradient-driven TRAP transporter. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1778-1783.	7.1	93
8	Sialic Acid Mutarotation Is Catalyzed by the Escherichia coli Î²-Propeller Protein YjhT. Journal of Biological Chemistry, 2008, 283, 4841-4849.	3.4	55
9	Sialic acid utilization by bacterial pathogens. Microbiology (United Kingdom), 2007, 153, 2817-2822.	1.8	436
10	The conserved carboxy-terminal region of the ammonia channel AmtB plays a critical role in channel function. Molecular Membrane Biology, 2007, 24, 161-171.	2.0	22
11	Conservation of Structure and Mechanism in Primary and Secondary Transporters Exemplified by SiaP, a Sialic Acid Binding Virulence Factor from Haemophilus influenzae. Journal of Biological Chemistry, 2006, 281, 22212-22222.	3.4	81
12	Sialic acid transport in Haemophilus influenzae is essential for lipopolysaccharide sialylation and serum resistance and is dependent on a novel tripartite ATPâ€independent periplasmic transporter. Molecular Microbiology, 2005, 58, 1173-1185.	2.5	120