

# Understanding transport by the major facilitator superfamily

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Citation Report

#	ARTICLE	IF	CITATIONS
1	In silico pharmacology: Drug membrane partitioning and crossing. <i>Pharmacological Research</i> , 2016, 111, 471-486.	3.1	50
2	Key Residues and Phosphate Release Routes in the <i>Saccharomyces cerevisiae</i> Pho84 Transceptor. <i>Journal of Biological Chemistry</i> , 2016, 291, 26388-26398.	1.6	13
3	Membrane transporters studied by EPR spectroscopy: structure determination and elucidation of functional dynamics. <i>Biochemical Society Transactions</i> , 2016, 44, 905-915.	1.6	11
4	Dissection of Transporter Function: From Genetics to Structure. <i>Trends in Genetics</i> , 2016, 32, 576-590.	2.9	42
5	UDP-galactose and acetyl-CoA transporters as <i>Plasmodium</i> multidrug resistance genes. <i>Nature Microbiology</i> , 2016, 1, 16166.	5.9	102
6	Variation in Mutational Robustness between Different Proteins and the Predictability of Fitness Effects. <i>Molecular Biology and Evolution</i> , 2016, 34, msw239.	3.5	24
7	Leucine zipper-EF-hand containing transmembrane protein 1 (LETM1) forms a Ca <sup>2+</sup> /H <sup>+</sup> antiporter. <i>Scientific Reports</i> , 2016, 6, 34174.	1.6	58
8	Uniporter substrate binding and transport: reformulating mechanistic questions. <i>Biophysics Reports</i> , 2016, 2, 45-54.	0.2	10
9	Structural Changes Fundamental to Gating of the Cystic Fibrosis Transmembrane Conductance Regulator Anion Channel Pore. <i>Advances in Experimental Medicine and Biology</i> , 2016, 925, 13-32.	0.8	8
10	Using Yeast to Discover Inhibitors of Multidrug Efflux in <i>Candida albicans</i> . , 2017, , 491-543.		1
11	Glucose transportation in the brain and its impairment in Huntington disease: one more shade of the energetic metabolism failure?. <i>Amino Acids</i> , 2017, 49, 1147-1157.	1.2	20
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14	Lipid-like Peptides can Stabilize Integral Membrane Proteins for Biophysical and Structural Studies. <i>ChemBioChem</i> , 2017, 18, 1735-1742.	1.3	11
15	A New Natural Product Analog of Blastocidin S Reveals Cellular Uptake Facilitated by the NorA Multidrug Transporter. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	10
16	Mechanism of Substrate Translocation in an Alternating Access Transporter. <i>Cell</i> , 2017, 169, 96-107.e12.	13.5	89
17	Membrane Phase-Dependent Occlusion of Intramolecular GLUT1 Cavities Demonstrated by Simulations. <i>Biophysical Journal</i> , 2017, 112, 1176-1184.	0.2	12
18	Biogenesis, transport and remodeling of lysophospholipids in Gram-negative bacteria. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1404-1413.	1.2	67

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20	Metabolic and transcriptomic analysis of Huntington's disease model reveal changes in intracellular glucose levels and related genes. <i>Heliyon</i> , 2017, 3, e00381.	1.4	12
21	Characteristics of 29 novel atypical solute carriers of major facilitator superfamily type: evolutionary conservation, predicted structure and neuronal co-expression. <i>Open Biology</i> , 2017, 7, 170142.	1.5	49
22	Pinning Down the Mechanism of Transport: Probing the Structure and Function of Transporters Using Cysteine Cross-Linking and Site-Specific Labeling. <i>Methods in Enzymology</i> , 2017, 594, 165-202.	0.4	9
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25	Ferrous iron efflux systems in bacteria. <i>Metallomics</i> , 2017, 9, 840-851.	1.0	68
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37	Band 3 function and dysfunction in a structural context. <i>Current Opinion in Hematology</i> , 2018, 25, 163-170.	1.2	8

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38	Genomic analyses of five <i>Roseivirga</i> species: Insights into marine adaptation. <i>Marine Genomics</i> , 2018, 38, 97-101.	0.4	2
39	Characterization of a novel sugar transporter involved in sugarcane bagasse degradation in <i>Trichoderma reesei</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 84.	6.2	45
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142	Molecular basis for substrate recognition by the bacterial nucleoside transporter NupG. <i>Journal of Biological Chemistry</i> , 2021, 296, 100479.	1.6	1
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