Liang Feng

List of Publications by Year
in descending order

15 papers	1,771 citations	623734 14 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2341 citing authors

#	ARTICLE	IF	CITATIONS
1	Transport of Sugars. Annual Review of Biochemistry, 2015, 84, 865-894.	11.1	368
2	Structure of a Eukaryotic CLC Transporter Defines an Intermediate State in the Transport Cycle. Science, 2010, 330, 635-641.	12.6	256
3	Structure and mechanism of the mitochondrial Ca2+ uniporter holocomplex. Nature, 2020, 582, 129-133.	27.8	157
4	Structure of a eukaryotic SWEET transporter in a homotrimeric complex. Nature, 2015, 527, 259-263.	27.8	153
5	Structures of bacterial homologues of SWEET transporters in two distinct conformations. Nature, 2014, 515, 448-452.	27.8	144
6	Structure and function of SemiSWEET and SWEET sugar transporters. Trends in Biochemical Sciences, 2015, 40, 480-486.	7.5	128
7	X-ray and cryo-EM structures of the mitochondrial calcium uniporter. Nature, 2018, 559, 575-579.	27.8	117
8	Mechanism of Substrate Translocation in an Alternating Access Transporter. Cell, 2017, 169, 96-107.e12.	28.9	89
9	Structure and mechanism of the cation–chloride cotransporter NKCC1. Nature, 2019, 572, 488-492.	27.8	89
10	Molecular mechanism of proton transport in CLC Cl^-/H^+ exchange transporters. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11699-11704.	7.1	76
11	Conserved roles of C. elegans and human MANFs in sulfatide binding and cytoprotection. Nature Communications, 2018, 9, 897.	12.8	62
12	Structure and mechanism of the SGLT family of glucose transporters. Nature, 2022, 601, 274-279.	27.8	51
13	Structure and mechanism of blood–brain-barrier lipid transporter MFSD2A. Nature, 2021, 596, 444-448.	27.8	43
14	Evolution of Transporters: The Relationship of SWEETs, PQ-loop, and PnuC Transporters. Trends in Biochemical Sciences, 2016, 41, 118-119.	7.5	20
15	High-Resolution Views and Transport Mechanisms of the NKCC1 and KCC Transporters. Journal of Molecular Biology, 2021, 433, 167056.	4.2	18