

# Juquan Jiang

## List of Publications by Year in descending order

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33  
papers

869  
citations

471371

17  
h-index

477173

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

834  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-type fast inactivation of a eukaryotic voltage-gated sodium channel. <i>Nature Communications</i> , 2022, 13, 2713.	5.8	8
2	Structural basis of ligand binding modes of human EAAT2. <i>Nature Communications</i> , 2022, 13, .	5.8	12
3	A novel three-TMH Na <sup>+</sup> /H <sup>+</sup> antiporter and the functional role of its oligomerization. <i>Journal of Molecular Biology</i> , 2021, 433, 166730.	2.0	11
4	A Novel MFS-MDR Transporter, MdrP, Employs D223 as a Key Determinant in the Na <sup>+</sup> Translocation Coupled to Norfloxacin Efflux. <i>Frontiers in Microbiology</i> , 2020, 11, 955.	1.5	2
5	Polar or Charged Residues Located in Four Highly Conserved Motifs Play a Vital Role in the Function or pH Response of a UPF0118 Family Na <sup>+</sup> (Li <sup>+</sup> )/H <sup>+</sup> Antiporter. <i>Frontiers in Microbiology</i> , 2020, 11, 841.	1.5	8
6	Implications for Cation Selectivity and Evolution by a Novel Cation Diffusion Facilitator Family Member From the Moderate Halophile <i>Planococcus dechangensis</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 607.	1.5	10
7	Characterization of a Functionally Unknown Arginine-Aspartate-Aspartate Family Protein From <i>Halobacillus andaensis</i> and Functional Analysis of Its Conserved Arginine/Aspartate Residues. <i>Frontiers in Microbiology</i> , 2018, 9, 807.	1.5	15
8	An Uncharacterized Major Facilitator Superfamily Transporter From <i>Planococcus maritimus</i> Exhibits Dual Functions as a Na <sup>+</sup> (Li <sup>+</sup> , K <sup>+</sup> )/H <sup>+</sup> Antiporter and a Multidrug Efflux Pump. <i>Frontiers in Microbiology</i> , 2018, 9, 1601.	1.5	21
9	A novel NhaD-type Na <sup>+</sup> /H <sup>+</sup> antiporter from the moderate halophile and alkaliphile <i>Halomonas alkaliphila</i> . <i>Canadian Journal of Microbiology</i> , 2017, 63, 596-607.	0.8	20
10	A UPF0118 family protein with uncharacterized function from the moderate halophile <i>Halobacillus andaensis</i> represents a novel class of Na <sup>+</sup> (Li <sup>+</sup> )/H <sup>+</sup> antiporter. <i>Scientific Reports</i> , 2017, 7, 45936.	1.6	20
11	Characterization of a novel two-component Na <sup>+</sup> (Li <sup>+</sup> , K <sup>+</sup> )/H <sup>+</sup> antiporter from <i>Halomonas zhaodongensis</i> . <i>Scientific Reports</i> , 2017, 7, 4221.	1.6	20
12	<i>Novosphingobium oryzae</i> sp. nov., a potential plant-promoting endophytic bacterium isolated from rice roots. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 302-307.	0.8	32
13	<i>Pseudomonas songnenensis</i> sp. nov., isolated from saline and alkaline soils in Songnen Plain, China. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 711-721.	0.7	16
14	<i>Pseudomonas zhaodongensis</i> sp. nov., isolated from saline and alkaline soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1022-1030.	0.8	22
15	<i>Planococcus dechangensis</i> sp. nov., a moderately halophilic bacterium isolated from saline and alkaline soils in Dechang Township, Zhaodong City, China. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1075-1083.	0.7	17
16	<i>Halobacillus andaensis</i> sp. nov., a moderately halophilic bacterium isolated from saline and alkaline soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1908-1914.	0.8	23
17	<i>Kocuria dechangensis</i> sp. nov., an actinobacterium isolated from saline and alkaline soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3024-3030.	0.8	15
18	Cloning and identification of Group 1 mrp operon encoding a novel monovalent cation/proton antiporter system from the moderate halophile <i>Halomonas zhaodongensis</i> . <i>Extremophiles</i> , 2014, 18, 963-972.	0.9	18

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19	Cloning and identification of a novel NhaD-type Na <sup>+</sup> /H <sup>+</sup> antiporter from metagenomic DNA of the halophilic bacteria in soil samples around Daban Salt Lake. <i>Extremophiles</i> , 2014, 18, 89-98.	0.9	16
20	<i>Halomonas songnenensis</i> sp. nov., a moderately halophilic bacterium isolated from saline and alkaline soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1662-1669.	0.8	36
21	<i>Halomonas zhaodongensis</i> sp. nov., a slightly halophilic bacterium isolated from saline alkaline soils in Zhaodong, China. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 685-694.	0.7	18
22	Identification of important charged residues for alkali cation exchange or pH regulation of NhaH, a Na <sup>+</sup> /H <sup>+</sup> antiporter of <i>Halobacillus dabanensis</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 997-1003.	1.4	14
23	Putative paired small multidrug resistance family proteins <i>PsmrAB</i> , the homolog of YvdSR, actually function as a novel two-component Na <sup>+</sup> /H <sup>+</sup> antiporter. <i>FEMS Microbiology Letters</i> , 2013, 338, 31-38.	0.7	19
24	Metabolism of [ <sup>13</sup> C] <sub>5</sub> hydroxyproline in vitro and in vivo: implications for primary hyperoxaluria. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G637-G643.	1.6	25
25	Oxalate and Sucralose Absorption in Idiopathic Calcium Oxalate Stone Formers. <i>Urology</i> , 2011, 78, 475.e9-475.e13.	0.5	16
26	Oral Antibiotic Treatment of <i>Helicobacter pylori</i> Leads to Persistently Reduced Intestinal Colonization Rates with <i>Oxalobacter formigenes</i> . <i>Journal of Endourology</i> , 2011, 25, 1781-1785.	1.1	55
27	Impact of Dietary Calcium and Oxalate, and <i>Oxalobacter Formigenes</i> Colonization on Urinary Oxalate Excretion. <i>Journal of Urology</i> , 2011, 186, 135-139.	0.2	92
28	A primary sodium pump gene of the moderate halophile <i>Halobacillus dabanensis</i> exhibits secondary antiporter properties. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 612-617.	1.0	14
29	A Na <sup>+</sup> /H <sup>+</sup> antiporter gene of the moderately halophilic bacterium <i>Halobacillus dabanensis</i> D-8T: cloning and molecular characterization. <i>FEMS Microbiology Letters</i> , 2006, 255, 89-95.	0.7	36
30	The pha2 gene cluster involved in Na <sup>+</sup> resistance and adaption to alkaline pH in <i>Sinorhizobium fredii</i> RT19 encodes a monovalent cation/proton antiporter. <i>FEMS Microbiology Letters</i> , 2006, 262, 172-177.	0.7	20
31	Hydroxyproline ingestion and urinary oxalate and glycolate excretion. <i>Kidney International</i> , 2006, 70, 1929-1934.	2.6	134
32	Isolation of salt-sensitive mutants from <i>Sinorhizobium meliloti</i> and characterization of genes involved in salt tolerance. <i>Letters in Applied Microbiology</i> , 2004, 39, 278-283.	1.0	51
33	Salt-tolerance genes involved in cation efflux and osmoregulation of <i>Sinorhizobium fredii</i> RT19 detected by isolation and characterization of Tn5 mutants. <i>FEMS Microbiology Letters</i> , 2004, 239, 139-146.	0.7	32