Jennifer Lowe

List of Publications by Year
in descending order

24	524	758635 12	713013 21
papers	citations	h-index	g-index

24	24	24	855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute kidney injury overview: From basic findings to new prevention and therapy strategies. , 2019, 200, 1-12.		102
2	Renin-angiotensin system in the kidney: What is new?. World Journal of Nephrology, 2014, 3, 64.	0.8	59
3	Dissecting copper homeostasis in diabetes mellitus. IUBMB Life, 2017, 69, 255-262.	1.5	53
4	A Mutational Study in the Transmembrane Domain of Ccc2p, the Yeast Cu(I)-ATPase, Shows Different Roles for Each Cys-Pro-Cys Cysteine. Journal of Biological Chemistry, 2004, 279, 25986-25994.	1.6	41
5	Effects of undernutrition on respiratory mechanics and lung parenchyma remodeling. Journal of Applied Physiology, 2004, 97, 1888-1896.	1.2	32
6	Single sublethal dose of microcystin-LR is responsible for different alterations in biochemical, histological and physiological renal parameters. Toxicon, 2012, 59, 601-609.	0.8	32
7	Luminal ANG II is internalized as a complex with AT₁R/AT₂R heterodimers to target endoplasmic reticulum in LLC-PK₁cells. American Journal of Physiology - Renal Physiology, 2017, 313, F440-F449.	1.3	29
8	Exposure of luminal membranes of LLC-PK₁cells to ANG II induces dimerization of AT₁/AT₂receptors to activate SERCA and to promote Ca²⁺mobilization. American Journal of Physiology - Renal Physiology, 2012, 302, F875-F883.	1.3	20
9	Antidiabetic, cytotoxic and antioxidant activities of oil extracted from Acrocomia aculeata pulp. Natural Product Research, 2019, 33, 2413-2416.	1.0	18
10	Cyclic AMPâ€dependent protein kinase controls energy interconversion during the catalytic cycle of the yeast copperâ€ATPase. FEBS Letters, 2008, 582, 891-895.	1.3	17
11	Bone marrow mononuclear cells shift bioactive lipid pattern in injured kidney towards tissue repair in rats with unilateral ureteral obstruction. Nephrology Dialysis Transplantation, 2010, 25, 3867-3874.	0.4	16
12	Modulation of hepatic copper-ATPase activity by insulin and glucagon involves protein kinase A (PKA) signaling pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2086-2097.	1.8	15
13	A cloned prokaryotic Cd2+ P-type ATPase increases yeast sensitivity to Cd2+. Biochemical and Biophysical Research Communications, 2004, 324, 1034-1040.	1.0	14
14	Inappropriate activity of local renin-angiotensin-aldosterone system during high salt intake: impact on the cardio-renal axis. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2018, 40, 170-178.	0.4	14
15	Cd2+- or Hg2+-binding proteins can replace the Cu+-chaperone Atx1 in delivering Cu+to the secretory pathway in yeast. FEBS Letters, 2005, 579, 1117-1123.	1.3	12
16	Single exposure to cocaine impairs aspartate uptake in the pre-frontal cortex via dopamine D1-receptor dependent mechanisms. Neuroscience, 2016, 329, 326-336.	1.1	11
17	Golgi membranes from liver express an ATPase with femtomolar copper affinity, inhibited by cAMP-dependent protein kinase. International Journal of Biochemistry and Cell Biology, 2011, 43, 358-362.	1.2	7
18	Cylindrospermopsin impairs tubular transport function in kidney cells LLC-PK1. Toxicology Letters, 2021, 344, 26-33.	0.4	7

#	Article	IF	Citations
19	Identification of a neurofilament-like protein in the protocerebral tract of the crab Ucides cordatus. Cell and Tissue Research, 2004, 318, 609-615.	1.5	6
20	Polarized distribution of Na+, K+-ATPase Î±-subunit isoforms in electrocyte membranes. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1661, 40-46.	1.4	5
21	Effects of different nutritional support on lung mechanics and remodelling in undernourished rats. Respiratory Physiology and Neurobiology, 2008, 160, 54-64.	0.7	5
22	Two Serine Residues Control Sequential Steps during Catalysis of the Yeast Copper ATPase through Different Mechanisms That Involve Kinase-mediated Phosphorylations. Journal of Biological Chemistry, 2011, 286, 6879-6889.	1.6	5
23	Ca2+ binding to sarcoplasmic reticulum ATPase phosphorylated by Pi reveals four thapsigargin-sensitive Ca2+ sites in the presence of ADP. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1667, 103-113.	1.4	2
24	ATP7B activity is stimulated by PKCÉ› in porcine liver. International Journal of Biochemistry and Cell Biology, 2014, 54, 60-67.	1.2	2