

Susan L Edwards

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

1,287
citations

20
h-index

35
g-index

35
ext. papers

1,358
ext. citations

2.8
avg, IF

3.95
L-index

#	Paper	IF	Citations
32	Acid-base regulation in fishes: cellular and molecular mechanisms. <i>The Journal of Experimental Zoology</i> , 2002 , 293, 302-19		250
31	Gene expression after freshwater transfer in gills and opercular epithelia of killifish: insight into divergent mechanisms of ion transport. <i>Journal of Experimental Biology</i> , 2005 , 208, 2719-29	3	114
30	The distribution of nitric oxide synthase-containing autonomic preganglionic terminals in the rat. <i>Brain Research</i> , 1993 , 614, 78-85	3.7	101
29	Characterisation of neurons with nitric oxide synthase immunoreactivity that project to prevertebral ganglia. <i>Journal of the Autonomic Nervous System</i> , 1995 , 52, 107-16		81
28	The effect of environmental hypercapnia and salinity on the expression of NHE-like isoforms in the gills of a euryhaline fish (<i>Fundulus heteroclitus</i>). <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005 , 303, 464-75		67
27	Distinct preganglionic neurons innervate noradrenaline and adrenaline cells in the cat adrenal medulla. <i>Neuroscience</i> , 1996 , 70, 825-32	3.9	67
26	Intraperitoneal injections of Fluorogold reliably labels all sympathetic preganglionic neurons in the rat. <i>Journal of Neuroscience Methods</i> , 1994 , 53, 137-41	3	64
25	The distribution of NADPH diaphorase activity and immunoreactivity to nitric oxide synthase in the nervous system of the pulmonate mollusc <i>Helix aspersa</i> . <i>Cell and Tissue Research</i> , 1994 , 277, 565-572	4.2	64
24	Expression of Na ⁽⁺⁾ / H ⁽⁺⁾ exchanger mRNA in the gills of the Atlantic hagfish (<i>Myxine glutinosa</i>) in response to metabolic acidosis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001 , 130, 81-91	2.6	50
23	Immunolocalisation of sodium/proton exchanger-like proteins in the gills of elasmobranchs. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002 , 131, 257-65	2.6	43
22	Immunolocalisation of NHE3-like immunoreactivity in the gills of the rainbow trout (<i>Oncorhynchus mykiss</i>) and the blue-throated wrasse (<i>Pseudolabrus tetrius</i>). <i>Journal of Anatomy</i> , 1999 , 195 (Pt 3), 465-9	2.9	41
21	Variation in lethality and effects of two Australian chirodropid jellyfish venoms in fish. <i>Toxicon</i> , 2005 , 46, 699-708	2.8	38
20	Na ⁺ /H ⁺ antiporter, V-H ⁺ -ATPase and Na ⁺ /K ⁺ -ATPase immunolocalization in a marine teleost (<i>Myoxocephalus octodecemspinosus</i>). <i>Journal of Experimental Biology</i> , 2006 , 209, 3440-7	3	37
19	Principles and Patterns of Osmoregulation and Euryhalinity in Fishes. <i>Fish Physiology</i> , 2012 , 32, 1-44	2	32
18	Nitric oxide synthase and chemical coding in cat sympathetic postganglionic neurons. <i>Neuroscience</i> , 1995 , 68, 255-64	3.9	30
17	The putative mechanism of Na ⁽⁺⁾ absorption in euryhaline elasmobranchs exists in the gills of a stenohaline marine elasmobranch, <i>Squalus acanthias</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 146, 155-62	2.6	29
16	Immunolocalization of Na ⁺ /K ⁺ -ATPase, carbonic anhydrase II, and vacuolar H ⁺ -ATPase in the gills of freshwater adult lampreys, <i>Geotria australis</i> . <i>The Journal of Experimental Zoology</i> , 2004 , 301, 654-65		29

15	The curious case of the chemical composition of hagfish tissues--50 years on. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010 , 157, 111-5	2.6	22
14	Chemically distinct preganglionic inputs to iris-projecting postganglionic neurons in the rat: A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1999 , 412, 606-616	3.4	22
13	Molecular detection and immunological localization of gill Na ⁺ /H ⁺ exchanger in the dogfish (<i>Squalus acanthias</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1092-102	3.2	20
12	Subunit b of cholera toxin labels interstitial cells of Cajal in the gut of rat and mouse. <i>Histochemistry</i> , 1993 , 100, 457-64		17
11	Immunohistochemical localization of urea and ammonia transporters in two confamilial fish species, the ureotelic gulf toadfish (<i>Opsanus beta</i>) and the ammoniotelic plainfin midshipman (<i>Porichthys notatus</i>). <i>Cell and Tissue Research</i> , 2013 , 352, 623-37	4.2	15
10	Flexible ammonia handling strategies using both cutaneous and branchial epithelia in the highly ammonia-tolerant Pacific hagfish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R78-R90	3.2	11
9	Ammonia excretion in the Atlantic hagfish (<i>Myxine glutinosa</i>) and responses of an Rhc glycoprotein. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R769-78	3.2	10
8	Wide scope for ammonia and urea excretion in foraging Pacific hagfish. <i>Marine Biology</i> , 2017 , 164, 1	2.5	10
7	Molecular identification of Na ⁽⁺⁾ -H ⁽⁺⁾ exchanger isoforms (NHE2) in the gills of the euryhaline teleost <i>Fundulus heteroclitus</i> . <i>Journal of Fish Biology</i> , 2010 , 76, 415-26	1.9	10
6	Stimulation of renal sulfate secretion by metabolic acidosis requires Na ⁺ /H ⁺ exchange induction and carbonic anhydrase. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F208-16	4.3	6
5	Anatomy of the Pacific hagfish (<i>Eptatretus stoutii</i>). <i>Marine Biology</i> , 2015 , 1-40		4
4	The effect of environmental salinity on H ⁺ efflux in the euryhaline barramundi (<i>Lates calcarifer</i>). <i>Aquaculture</i> , 2012 , 338-341, 190-196	4.4	3
3	Molecular and immunological characterization of Na ⁺ /H ⁺ antiporter (NHE3) in the gills of a marine teleost (<i>Myoxocephalus octodecemspinosus</i>). <i>FASEB Journal</i> , 2008 , 22, 1239.8	0.9	
2	Identification of an NHE8 ortholog in the gills of the anadromous sea lamprey <i>Petromyzon marinus</i> . <i>FASEB Journal</i> , 2008 , 22, 1239.7	0.9	
1	Active NH ₄ ⁺ excretion via Na ⁺ /NH ₄ ⁺ (H ⁺) exchange in the highly ammonia tolerant hagfish (<i>Eptatretus stoutii</i>). <i>FASEB Journal</i> , 2018 , 32, 602.5	0.9	