

# Susan L Edwards

## List of Publications by Year in descending order

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35  
papers

1,441  
citations

361045

20  
h-index

433756

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid-base regulation in fishes: cellular and molecular mechanisms. <i>The Journal of Experimental Zoology</i> , 2002, 293, 302-319.	1.4	276
2	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, 2719-2729.	0.8	120
3	The distribution of nitric oxide synthase-containing autonomic preganglionic terminals in the rat. <i>Brain Research</i> , 1993, 614, 78-85.	1.1	109
4	Characterisation of neurons with nitric oxide synthase immunoreactivity that project to prevertebral ganglia. <i>Journal of the Autonomic Nervous System</i> , 1995, 52, 107-116.	1.9	91
5	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, 303A, 464-475.	1.3	78
6	Distinct preganglionic neurons innervate noradrenaline and adrenaline cells in the cat adrenal medulla. <i>Neuroscience</i> , 1996, 70, 825-832.	1.1	73
7	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.	1.5	68
8	Intraperitoneal injections of fluorogold reliably labels all sympathetic preganglionic neurons in the rat. <i>Journal of Neuroscience Methods</i> , 1994, 53, 137-141.	1.3	66
9	Principles and Patterns of Osmoregulation and Euryhalinity in Fishes. <i>Fish Physiology</i> , 2012, 32, 1-44.	0.2	63
10	Expression of Na <sup>+</sup> /H <sup>+</sup> 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 &amp; Integrative Physiology</i> , 2001, 130, 81-91.	0.8	54
11	Immunolocalisation of NHE3-like immunoreactivity in the gills of the rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBTj/Overload 0.9 46	0.9	46
12	Immunolocalisation of sodium/proton exchanger-like proteins in the gills of elasmobranchs. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2002, 131, 257-265.	0.8	45
13	Variation in lethality and effects of two Australian chirodropid jellyfish venoms in fish. <i>Toxicon</i> , 2005, 46, 699-708.	0.8	43
14	Na <sup>+</sup> /H <sup>+</sup> antiporter, V-H <sup>+</sup> -ATPase and Na <sup>+</sup> /K <sup>+</sup> -ATPase immunolocalization in a marine teleost ( <i>Myoxocephalus octodecemspinosus</i> ). <i>Journal of Experimental Biology</i> , 2006, 209, 3440-3447.	0.8	39
15	Nitric oxide synthase and chemical coding in cat sympathetic postganglionic neurons. <i>Neuroscience</i> , 1995, 68, 255-264.	1.1	32
16	Immunolocalization of Na <sup>+</sup> /K <sup>+</sup> -ATPase, carbonic anhydrase II, and vacuolar H <sup>+</sup> -ATPase in the gills of freshwater adult lampreys, <i>Geotria australis</i> . <i>The Journal of Experimental Zoology</i> , 2004, 301A, 654-665.	1.4	30
17	The putative mechanism of Na <sup>+</sup> 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 &amp; Integrative Physiology</i> , 2007, 146, 155-162.	0.8	30
18	The curious case of the chemical composition of hagfish tissues 50 years on. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2010, 157, 111-115.	0.8	25

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19	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.	0.9	22
20	Molecular detection and immunological localization of gill Na <sup>+</sup> /H <sup>+</sup> exchanger in the dogfish ( <i>Squalus acanthias</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1092-R1102.	0.9	22
21	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</i> ) <i>Tj ETQq1 1 0.784314 rgBT2/Overlo</i>	0.7	14
22	Subunit b of cholera toxin labels interstitial cells of Cajal in the gut of rat and mouse. <i>Histochemistry</i> , 1993, 100, 457-464.	1.9	17
23	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-R778.	0.9	15
24	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.	0.9	14
25	Wide scope for ammonia and urea excretion in foraging Pacific hagfish. <i>Marine Biology</i> , 2017, 164, 1.	0.7	12
26	Molecular identification of Na <sup>+</sup> /H <sup>+</sup> exchanger isoforms (NHE2) in the gills of the euryhaline teleost <i>Fundulus heteroclitus</i> . <i>Journal of Fish Biology</i> , 2010, 76, 415-426.	0.7	10
27	Dining on the dead in the deep: Active NH <sub>4</sub> <sup>+</sup> excretion via Na <sup>+</sup> /H <sup>+</sup> (NH <sub>4</sub> <sup>+</sup> ) exchange in the highly ammonia tolerant Pacific hagfish, <i>Eptatretus stoutii</i> . <i>Acta Physiologica</i> , 2022, 236, .	1.8	7
28	Stimulation of renal sulfate secretion by metabolic acidosis requires Na <sup>+</sup> /H <sup>+</sup> exchange induction and carbonic anhydrase. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F208-F216.	1.3	6
29	Anatomy of the Pacific hagfish ( <i>Eptatretus stoutii</i> ). <i>Marine Biology</i> , 2015, , 1-40.	0.1	4
30	The effect of environmental salinity on H <sup>+</sup> efflux in the euryhaline barramundi ( <i>Lates calcarifer</i> ). <i>Aquaculture</i> , 2012, 338-341, 190-196.	1.7	3
31	Divergent Pathways of Ammonia and Urea Production and Excretion during the Life Cycle of the Sea Lamprey. <i>Physiological and Biochemical Zoology</i> , 2022, 95, 551-567.	0.6	1
32	33.5. Cloning and characterization of epithelial NHE isoforms in the gills of fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 148, S143.	0.8	0
33	Molecular and immunological characterization of Na <sup>+</sup> /H <sup>+</sup> antiporter (NHE3) in the gills of a marine teleost ( <i>Myoxocephalus octodecemspinosus</i> ). <i>FASEB Journal</i> , 2008, 22, 1239.8.	0.2	0
34	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.	0.2	0
35	Active NH <sub>4</sub> <sup>+</sup> excretion via Na <sup>+</sup> /NH <sub>4</sub> <sup>+</sup> (H <sup>+</sup> ) exchange in the highly ammonia tolerant hagfish ( <i>Eptatretus stoutii</i> ). <i>FASEB Journal</i> , 2018, 32, 602.5.	0.2	0