

# Sandra Fehsenfeld

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,132  
citations

759233

12  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1450  
citing authors

#	ARTICLE	IF	CITATIONS
1	The murine winged-helix transcription factor Foxl2 is required for granulosa cell differentiation and ovary maintenance. <i>Development (Cambridge)</i> , 2004, 131, 933-942.	2.5	623
2	ER $\alpha$ -based double icre fusion protein allows partial recombination in forebrain. <i>Genesis</i> , 2002, 34, 208-214.	1.6	81
3	Effects of high environmental ammonia on branchial ammonia excretion rates and tissue Rh-protein mRNA expression levels in seawater acclimated Dungeness crab <i>Metacarcinus magister</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2011, 160, 267-277.	1.8	76
4	Effects of elevated seawater pCO <sub>2</sub> on gene expression patterns in the gills of the green crab, <i>Carcinus maenas</i> . <i>BMC Genomics</i> , 2011, 12, 488.	2.8	46
5	Differential acid-base regulation in various gills of the green crab <i>Carcinus maenas</i> : Effects of elevated environmental pCO <sub>2</sub> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2013, 164, 54-65.	1.8	43
6	± Complementation in the Cre recombinase enzyme. <i>Genesis</i> , 2003, 37, 25-29.	1.6	42
7	Acid-base regulation in the Dungeness crab ( <i>Metacarcinus magister</i> ). <i>Marine Biology</i> , 2014, 161, 1179-1193.	1.5	38
8	Making sense of nickel accumulation and sub-lethal toxic effects in saline waters: Fate and effects of nickel in the green crab, <i>Carcinus maenas</i> . <i>Aquatic Toxicology</i> , 2015, 164, 23-33.	4.0	33
9	Mechanisms of acid-base regulation in seawater-acclimated green crabs ( <i>Carcinus maenas</i> ). <i>Canadian Journal of Zoology</i> , 2016, 94, 95-107.	1.0	31
10	Cutaneous nitrogen excretion in the African clawed frog <i>Xenopus laevis</i> : Effects of high environmental ammonia (HEA). <i>Aquatic Toxicology</i> , 2013, 136-137, 1-12.	4.0	24
11	The role of an ancestral hyperpolarization activated cyclic nucleotide-gated K <sup>+</sup> -channel in branchial acid-base regulation in the green crab, <i>Carcinus maenas</i> (L.). <i>Journal of Experimental Biology</i> , 2016, 219, 887-96.	1.7	15
12	Is ammonia excretion affected by gill ventilation in the rainbow trout <i>Oncorhynchus mykiss</i> ?. <i>Respiratory Physiology and Neurobiology</i> , 2020, 275, 103385.	1.6	15
13	Section-specific expression of acid-base and ammonia transporters in the kidney tubules of the goldfish <i>Carassius auratus</i> and their responses to feeding. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1565-F1582.	2.7	14
14	Nitrogen Excretion in Aquatic Crustaceans. , 2017, , 1-24.		13
15	Effects of salinity on short-term waterborne zinc uptake, accumulation and sub-lethal toxicity in the green shore crab ( <i>Carcinus maenas</i> ). <i>Aquatic Toxicology</i> , 2016, 178, 132-140.	4.0	12
16	Acid-Base Regulation in Aquatic Decapod Crustaceans. , 2017, , 151-191.		10
17	Conditional mutagenesis of CamKIV. <i>Genesis</i> , 2002, 32, 161-164.	1.6	5
18	Section-specific H <sup>+</sup> fluxes in renal tubules of fasted and fed goldfish. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	5

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19	A potential role for hyperpolarization-activated cyclic nucleotide-gated sodium/potassium channels (HCNs) in teleost acid-base and ammonia regulation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 248-249, 110469.	1.6	3
20	Construction of a conditional allele of RSK-B/MSK2 in the mouse. <i>Genesis</i> , 2002, 32, 158-160.	1.6	2