

# Lynne A Fieber

## List of Publications by Year in descending order

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42  
papers

906  
citations

471509

17  
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477307

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42  
docs citations

42  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenosine triphosphate-evoked currents in cultured neurones dissociated from rat parasympathetic cardiac ganglia.. Journal of Physiology, 1991, 434, 239-256.	2.9	117
2	Acetylcholine-evoked currents in cultured neurones dissociated from rat parasympathetic cardiac ganglia.. Journal of Physiology, 1991, 434, 215-237.	2.9	114
3	Fine-Scale Spatial Variation of Persistent Organic Pollutants in Bottlenose Dolphins ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10.0 72	10.0	72
4	Field-scale leaching of arsenic, chromium and copper from weathered treated wood. Environmental Pollution, 2010, 158, 1479-1486.	7.5	51
5	Brevetoxin derivatives that inhibit toxin activity. Chemistry and Biology, 2000, 7, 385-393.	6.0	44
6	Aging in Sensory and Motor Neurons Results in Learning Failure in <i>Aplysia californica</i> . PLoS ONE, 2015, 10, e0127056.	2.5	34
7	Behavioral aging is associated with reduced sensory neuron excitability in <i>Aplysia californica</i> . Frontiers in Aging Neuroscience, 2014, 6, 84.	3.4	33
8	Changes in d-aspartate ion currents in the <i>Aplysia</i> nervous system with aging. Brain Research, 2010, 1343, 28-36.	2.2	31
9	Whole-transcriptome changes in gene expression accompany aging of sensory neurons in <i>Aplysia californica</i> . BMC Genomics, 2018, 19, 529.	2.8	30
10	The effect of stocking density on growth rate and maturation time in laboratory-reared california sea hares. Contemporary Topics in Laboratory Animal Science, 2002, 41, 18-23.	0.2	30
11	Impacts of <i>Deepwater Horizon</i> Crude Oil on Mahi-Mahi ( <i>Coryphaena hippurus</i> ) Heart Cell Function. Environmental Science & Technology, 2019, 53, 9895-9904.	10.0	29
12	Age-related deficits in synaptic plasticity rescued by activating PKA or PKC in sensory neurons of <i>Aplysia californica</i> . Frontiers in Aging Neuroscience, 2015, 7, 173.	3.4	28
13	The development of excitatory capability in <i>Aplysia californica</i> bag cells observed in cohorts. Developmental Brain Research, 2000, 122, 47-58.	1.7	24
14	Delayed rectifier K currents in NF1 Schwann cells. Neurobiology of Disease, 2003, 13, 136-146.	4.4	24
15	Arsenic toxicity in the human nerve cell line SK-N-SH in the presence of chromium and copper. Chemosphere, 2013, 91, 1082-1087.	8.2	24
16	Phylogenetic analysis of ionotropic L-glutamate receptor genes in the Bilateria, with special notes on <i>Aplysia californica</i> . BMC Evolutionary Biology, 2017, 17, 11.	3.2	23
17	Magnesium and calcium metabolism during molting in the freshwater prawn <i>Macrobrachium rosenbergii</i> . Canadian Journal of Zoology, 1985, 63, 1120-1124.	1.0	17
18	Isolation of Sensory Neurons of <i>Aplysia californica</i> for Patch Clamp Recordings of Glutamatergic Currents. Journal of Visualized Experiments, 2013, , e50543.	0.3	17

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19	Life history and aging of captive-reared California sea hares ( <i>Aplysia californica</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , 2006, 45, 40-7.	1.2	17
20	Novel Modulator of Na <sup>V</sup> 1.1 and Na <sup>V</sup> 1.2 Na <sup>+</sup> Channels in Rat Neuronal Cells. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 135-138.	2.8	15
21	Regional reduction in ventricular norepinephrine after healing of experimental myocardial infarction in cats. <i>Journal of Molecular and Cellular Cardiology</i> , 1986, 18, 413-422.	1.9	14
22	Transport and interaction of arsenic, chromium, and copper associated with CCA-treated wood in columns of sand and sand amended with peat. <i>Chemosphere</i> , 2010, 78, 989-995.	8.2	14
23	Pharmacological evidence that D-aspartate activates a current distinct from ionotropic glutamate receptor currents in <i>Aplysia californica</i> . <i>Brain and Behavior</i> , 2012, 2, 391-401.	2.2	12
24	Physiological evidence that d-aspartate activates a current distinct from ionotropic glutamate receptor currents in <i>Aplysia californica</i> neurons. <i>Journal of Neurophysiology</i> , 2011, 106, 1629-1636.	1.8	11
25	Differences in a K current in schwann cells from normal and neurofibromatosis-infected damselfish. <i>Glia</i> , 1994, 11, 64-72.	4.9	9
26	Synthesis, receptor binding and activity of iso and azakainoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1949-1952.	2.2	9
27	Changes in Metabolism and Proteostasis Drive Aging Phenotype in <i>Aplysia californica</i> Sensory Neurons. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 573764.	3.4	8
28	Myocardial changes during the progression of left ventricular pressure-overload by renal hypertension or aortic constriction: Myosin, myosin ATPase and collage. <i>Journal of Molecular and Cellular Cardiology</i> , 1987, 19, 105-114.	1.9	7
29	Gene expression profiling of human liver carcinoma (HepG2) cells exposed to the marine toxin okadaic acid. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1805-1821.	1.2	7
30	CALCIUM REQUIREMENTS FOR MOLTING IN <i>Macrobrachium rosenbergii</i> . <i>Journal of the World Aquaculture Society</i> , 1982, 13, 19-27.	0.2	6
31	Unique ionotropic receptors for D-aspartate are a target for serotonin-induced synaptic plasticity in <i>Aplysia californica</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 151-159.	2.6	6
32	Habituation in the Tail Withdrawal Reflex Circuit is Impaired During Aging in <i>Aplysia californica</i> . <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 24.	3.4	6
33	Reproductive output in the hatchery-reared california sea hare at different stocking densities. <i>Contemporary Topics in Laboratory Animal Science</i> , 2003, 42, 31-5.	0.2	5
34	A comparison of hatchery-rearing in exercise to wild animal physiology and reflex behavior in <i>Aplysia californica</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 221, 24-31.	1.8	4
35	Altered expression of ionotropic L-Glutamate receptors in aged sensory neurons of <i>Aplysia californica</i> . <i>PLoS ONE</i> , 2019, 14, e0217300.	2.5	4
36	Co-expression analysis identifies neuro-inflammation as a driver of sensory neuron aging in <i>Aplysia californica</i> . <i>PLoS ONE</i> , 2021, 16, e0252647.	2.5	4

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37	Aplysia Neurons as a Model of Alzheimer's Disease: Shared Genes and Differential Expression. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 287-302.	2.3	3
38	Voltage-Gated ion currents of schwann cells in cell culture models of human neurofibromatosis. <i>The Journal of Experimental Zoology</i> , 2003, 300A, 76-83.	1.4	2
39	Aquatic animal models of human disease: Selected papers from the 5th Conference. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 9-10.	2.6	1
40	Aquatic animal models of human disease: Selected papers from the 6th conference. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 163, 1-2.	2.6	0
41	Resource Availability Drives Mating Role Selection in a Simultaneous Hermaphrodite <i>Aplysia californica</i> . <i>Biological Bulletin</i> , 2016, 231, 199-206.	1.8	0
42	Unexpected expansion of the voltage-gated proton channel family. <i>Biophysical Journal</i> , 2022, 121, 246a.	0.5	0