

Kenneth Lukowiak

List of Publications by Year in descending order

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156
papers

4,295
citations

117625

34
h-index

155660

55
g-index

158
all docs

158
docs citations

158
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconsolidation of a Long-Term Memory in <i>Lymnaea</i> Requires New Protein and RNA Synthesis and the Soma of Right Pedal Dorsal 1. <i>Journal of Neuroscience</i> , 2003, 23, 8034-8040.	3.6	227
2	Neural Changes after Operant Conditioning of the Aerial Respiratory Behavior in <i>Lymnaea stagnalis</i> . <i>Journal of Neuroscience</i> , 1999, 19, 1836-1843.	3.6	133
3	The Soma of RPeD1 Must Be Present for Long-Term Memory Formation of Associative Learning in <i>Lymnaea</i> . <i>Journal of Neurophysiology</i> , 2002, 88, 1584-1591.	1.8	130
4	Extinction Requires New RNA and Protein Synthesis and the Soma of the Cell Right Pedal Dorsal 1 in <i>Lymnaea stagnalis</i> . <i>Journal of Neuroscience</i> , 2003, 23, 9842-9851.	3.6	120
5	Intermediate and long-term memories of associative learning are differentially affected by transcription versus translation blockers in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 1605-1613.	1.7	99
6	Associative learning and memory in <i>Lymnaea stagnalis</i> : how well do they remember?. <i>Journal of Experimental Biology</i> , 2003, 206, 2097-2103.	1.7	91
7	Changes in the Activity of a CPG Neuron After the Reinforcement of an Operantly Conditioned Behavior in <i>Lymnaea</i> . <i>Journal of Neurophysiology</i> , 2002, 88, 1915-1923.	1.8	86
8	Effect of acute exposure to low environmental calcium on respiration and locomotion in <i>Lymnaea stagnalis</i> (L.). <i>Journal of Experimental Biology</i> , 2010, 213, 1471-1476.	1.7	84
9	CREB in the pond snail <i>Lymnaea stagnalis</i> : Cloning, gene expression, and function in identifiable neurons of the central nervous system. <i>Journal of Neurobiology</i> , 2004, 58, 455-466.	3.6	83
10	Predator detection in <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2007, 210, 4150-4158.	1.7	82
11	Genomewide Association Study of African Children Identifies Association of SCHIP1 and PDE8A with Facial Size and Shape. <i>PLoS Genetics</i> , 2016, 12, e1006174.	3.5	81
12	Boosting intermediate-term into long-term memory. <i>Journal of Experimental Biology</i> , 2005, 208, 1525-1536.	1.7	77
13	Electrophysiological and Behavioral Evidence Demonstrating That Predator Detection Alters Adaptive Behaviors in the Snail <i>Lymnaea</i> . <i>Journal of Neuroscience</i> , 2008, 28, 2726-2734.	3.6	76
14	Impairing Forgetting by Preventing New Learning and Memory.. <i>Behavioral Neuroscience</i> , 2005, 119, 787-796.	1.2	62
15	One-trial conditioned taste aversion in <i>Lymnaea</i> : good and poor performers in long-term memory acquisition. <i>Journal of Experimental Biology</i> , 2007, 210, 1225-1237.	1.7	59
16	Involvement of Insulin-Like Peptide in Long-Term Synaptic Plasticity and Long-Term Memory of the Pond Snail <i>Lymnaea stagnalis</i> . <i>Journal of Neuroscience</i> , 2013, 33, 371-383.	3.6	59
17	Electrophysiological Differences in the CPG Aerial Respiratory Behavior Between Juvenile and Adult <i>Lymnaea</i> . <i>Journal of Neurophysiology</i> , 2003, 90, 983-992.	1.8	57
18	Altered gene activity correlated with long-term memory formation of conditioned taste aversion in <i>Lymnaea</i> . <i>Journal of Neuroscience Research</i> , 2006, 84, 1610-1620.	2.9	56

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19	Environmentally relevant stressors alter memory formation in the pond snail <i>Lymnaea</i> . Journal of Experimental Biology, 2014, 217, 76-83.	1.7	56
20	Taste discrimination in conditioned taste aversion of the pond snail <i>Lymnaea stagnalis</i> . Journal of Experimental Biology, 2006, 209, 826-833.	1.7	52
21	Ecologically relevant stressors modify long-term memory formation in a model system. Behavioural Brain Research, 2010, 214, 18-24.	2.2	51
22	Cooling blocks ITM and LTM formation and preserves memory. Neurobiology of Learning and Memory, 2003, 80, 130-139.	1.9	50
23	'Different strokes for different folks': geographically isolated strains of <i>Lymnaea stagnalis</i> only respond to sympatric predators and have different memory forming capabilities. Journal of Experimental Biology, 2009, 212, 2237-2247.	1.7	50
24	The role of serotonin in the enhancement of long-term memory resulting from predator detection in <i>Lymnaea</i> . Journal of Experimental Biology, 2010, 213, 3603-3614.	1.7	50
25	The perception of stress alters adaptive behaviours in <i>Lymnaea stagnalis</i> . Journal of Experimental Biology, 2008, 211, 1747-1756.	1.7	49
26	A molluscan model system in the search for the engram. Journal of Physiology (Paris), 2003, 97, 69-76.	2.1	45
27	Transient depletion of serotonin in the nervous system of <i>Helisoma</i> . Journal of Neurobiology, 1986, 17, 431-447.	3.6	43
28	Forgetting and the extension of memory in <i>Lymnaea</i> . Journal of Experimental Biology, 2003, 206, 71-77.	1.7	39
29	What's hot: the enhancing effects of thermal stress on long-term memory formation in <i>Lymnaea stagnalis</i> . Journal of Experimental Biology, 2012, 215, 4322-9.	1.7	38
30	Time-related expression profiles for heat shock protein gene transcripts (<i>HSP40</i> , <i>HSP70</i>) in the central nervous system of <i>Lymnaea stagnalis</i> exposed to thermal stress. Communicative and Integrative Biology, 2015, 8, e1040954.	1.4	38
31	Intermediate and long-term memory are different at the neuronal level in <i>Lymnaea stagnalis</i> (L.). Neurobiology of Learning and Memory, 2011, 96, 403-416.	1.9	37
32	Context Extinction and Associative Learning in <i>Lymnaea</i> . Neurobiology of Learning and Memory, 2002, 78, 23-34.	1.9	36
33	Operant conditioning of an in vitro CNS-pneumostome preparation of <i>Lymnaea</i> . Neurobiology of Learning and Memory, 2005, 84, 9-24.	1.9	36
34	Modulation of aerial respiratory behaviour in a pond snail. Respiratory Physiology and Neurobiology, 2006, 154, 61-72.	1.6	35
35	Stressful stimuli modulate memory formation in <i>Lymnaea stagnalis</i> . Neurobiology of Learning and Memory, 2007, 87, 391-403.	1.9	35
36	Low environmental calcium blocks long-term memory formation in a freshwater pulmonate snail. Neurobiology of Learning and Memory, 2011, 95, 393-403.	1.9	35

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37	Electrophysiological Responses to Light of Neurons in the Eye and Statocyst of <i>Lymnaea stagnalis</i> . <i>Journal of Neurophysiology</i> , 2005, 93, 493-507.	1.8	34
38	Crowding, an environmental stressor, blocks long-term memory formation in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2008, 211, 2678-2688.	1.7	34
39	Heat stress enhances LTM formation in <i>Lymnaea</i> : role of HSPs and DNA methylation. <i>Journal of Experimental Biology</i> , 2016, 219, 1337-1345.	1.7	34
40	Reconsolidation and memory infidelity in <i>Lymnaea</i> . <i>Neurobiology of Learning and Memory</i> , 2007, 87, 547-560.	1.9	33
41	A quantitative proteomic analysis of long-term memory. <i>Molecular Brain</i> , 2010, 3, 9.	2.6	32
42	What can we teach <i>Lymnaea</i> and what can <i>Lymnaea</i> teach us?. <i>Biological Reviews</i> , 2021, 96, 1590-1602.	10.4	32
43	Differences in neuronal activity explain differences in memory forming abilities of different populations of <i>Lymnaea stagnalis</i> . <i>Neurobiology of Learning and Memory</i> , 2012, 97, 173-182.	1.9	31
44	CNS control over gill reflex behaviors in <i>Aplysia</i> : Satiation causes an increase in the suppressive control in older but not young animals. <i>Journal of Neurobiology</i> , 1980, 11, 591-611.	3.6	30
45	Modulation of the <i>Aplysia</i> gill withdrawal reflex by dopamine. <i>Journal of Neurobiology</i> , 1983, 14, 271-284.	3.6	30
46	Canadian Association of Neurosciences Review: Learning at a Snail's Pace. <i>Canadian Journal of Neurological Sciences</i> , 2006, 33, 347-356.	0.5	30
47	One-trial conditioning of aerial respiratory behaviour in <i>Lymnaea stagnalis</i> . <i>Neurobiology of Learning and Memory</i> , 2007, 88, 232-242.	1.9	30
48	Enhancing memory formation by altering protein phosphorylation balance. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 544-552.	1.9	30
49	The participation of NMDA receptors, PKC, and MAPK in the formation of memory following operant conditioning in <i>Lymnaea</i> . <i>Molecular Brain</i> , 2010, 3, 24.	2.6	30
50	The Yerkes-Dodson law and appropriate stimuli for conditioned taste aversion in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 336-9.	1.7	30
51	What are the elements of motivation for acquisition of conditioned taste aversion?. <i>Neurobiology of Learning and Memory</i> , 2014, 107, 1-12.	1.9	30
52	An increase in insulin is important for the acquisition conditioned taste aversion in <i>Lymnaea</i> . <i>Neurobiology of Learning and Memory</i> , 2014, 116, 132-138.	1.9	30
53	Long-Term Memory Survives Nerve Injury and the Subsequent Regeneration Process. <i>Learning and Memory</i> , 2003, 10, 44-54.	1.3	29
54	A flavonol present in cocoa [(âˆ“)epicatechin] enhances snail memory. <i>Journal of Experimental Biology</i> , 2012, 215, 3566-3576.	1.7	29

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55	Memory block: A consequence of conflict resolution. <i>Journal of Experimental Biology</i> , 2015, 218, 1699-704.	1.7	29
56	In vitro classical conditioning of a gill withdrawal reflex in <i>Aplysia</i> : Neural correlates and possible neural mechanisms. <i>Journal of Neurobiology</i> , 1986, 17, 83-101.	3.6	28
57	Low external environmental calcium levels prevent forgetting in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 2118-2124.	1.7	28
58	Consolidation of long-term memory by insulin in <i>Lymnaea</i> is not brought about by changing the number of insulin receptors. <i>Communicative and Integrative Biology</i> , 2013, 6, e23955.	1.4	28
59	Strain-specific differences of the effects of stress on memory in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 891-899.	1.7	28
60	Monoamines, Insulin and the Roles They Play in Associative Learning in Pond Snails. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 65.	2.0	28
61	Juvenile <i>Lymnaea</i> ventilate, learn and remember differently than do adult <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 1459-1467.	1.7	27
62	Microgeographical variability in long-term memory formation in the pond snail, <i>Lymnaea stagnalis</i> . <i>Animal Behaviour</i> , 2011, 82, 311-319.	1.9	27
63	Comparing memory-forming capabilities between laboratory-reared and wild <i>Lymnaea</i> : learning in the wild, a heritable component of snail memory. <i>Journal of Experimental Biology</i> , 2008, 211, 2807-2816.	1.7	25
64	Paired pulse ratio analysis of insulin-induced synaptic plasticity in the snail brain. <i>Journal of Experimental Biology</i> , 2013, 216, 1771-3.	1.7	25
65	Enhanced memory persistence is blocked by a DNA methyltransferase inhibitor in the snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 2920-9.	1.7	25
66	How Stress Alters Memory in "Smart" Snails. <i>PLoS ONE</i> , 2012, 7, e32334.	2.5	24
67	Configural learning: a higher form of learning in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	24
68	To eat or not to eat: a Garcia effect in pond snails (<i>Lymnaea stagnalis</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2021, 207, 479-495.	1.6	24
69	Increase in excitability of RPeD11 results in memory enhancement of juvenile and adult <i>Lymnaea stagnalis</i> by predator-induced stress. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 269-277.	1.9	23
70	Sensory mediation of memory blocking stressors in the pond snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 2528-2533.	1.7	23
71	Body size and allometric variation in facial shape in children. <i>American Journal of Physical Anthropology</i> , 2018, 165, 327-342.	2.1	23
72	Control of gill reflex habituation and the rate of EPSP decrement of L7 by a common source in the CNS of <i>Aplysia</i> . <i>Journal of Neurobiology</i> , 1980, 11, 425-433.	3.6	22

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73	Different extrinsic trophic factors regulate neurite outgrowth and synapse formation between identified <i>Lymnaea</i> neurons. <i>Journal of Neurobiology</i> , 2000, 44, 20-30.	3.6	22
74	Target cell contact suppresses neurite outgrowth from soma-soma paired <i>Lymnaea</i> neurons. , 2000, 42, 357-369.		21
75	An Ethogram of the Sea Slug, <i>Navanax inermis</i> (Gastropoda, Opisthobranchia). <i>Zeitschrift für Tierpsychologie</i> , 1984, 65, 327-345.	0.2	21
76	Sensory input from the osphradium modulates the response to memory-enhancing stressors in <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 536-542.	1.7	21
77	Epicatechin, a component of dark chocolate, enhances memory formation if applied during the memory consolidation period. <i>Communicative and Integrative Biology</i> , 2016, 9, e1205772.	1.4	21
78	Gone but not forgotten: the lingering effects of intermediate-term memory on the persistence of long-term memory. <i>Journal of Experimental Biology</i> , 2002, 205, 131-140.	1.7	21
79	Relationship between the grades of a learned aversive-feeding response and the dopamine contents in <i>Lymnaea</i> . <i>Biology Open</i> , 2016, 5, 1869-1873.	1.2	20
80	Green tea and cocoa enhance cognition in <i>Lymnaea</i> . <i>Communicative and Integrative Biology</i> , 2018, 11, e1434390.	1.4	20
81	Effects of 5-HT and insulin on learning and memory formation in food-deprived snails. <i>Neurobiology of Learning and Memory</i> , 2018, 148, 20-29.	1.9	20
82	The shadow-induced withdrawal response, dermal photoreceptors, and their input to the higher-order interneuron RPeD11 in the pond snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 3409-3415.	1.7	19
83	Transfer of habituation in <i>Aplysia</i> : Contribution of heterosynaptic pathways in habituation of the gill-withdrawal reflex. <i>Journal of Neurobiology</i> , 1984, 15, 395-411.	3.6	18
84	Does Conditioned Taste Aversion Learning in the Pond Snail <i>Lymnaea stagnalis</i> Produce Conditioned Fear?. <i>Biological Bulletin</i> , 2011, 220, 71-81.	1.8	18
85	Qualitatively different memory states in <i>Lymnaea</i> as shown by differential responses to propranolol. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 63-73.	1.9	18
86	Regeneration restores some of the altered electrical properties of axotomized bullfrog B-cells. <i>Journal of Neurobiology</i> , 1988, 19, 357-372.	3.6	17
87	Nitric oxide mediates metabolism as well as respiratory and cardiac responses to hypoxia in the snail <i>lymnaea stagnalis</i> . <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2002, 295A, 37-46.	1.3	17
88	High voltage with little current as an unconditional stimulus for taste avoidance conditioning in <i>Lymnaea stagnalis</i> . <i>Neuroscience Letters</i> , 2013, 555, 149-153.	2.1	17
89	A flavonol, epicatechin, reverses the suppressive effects of a stressor on LTM formation. <i>Journal of Experimental Biology</i> , 2014, 217, 4004-9.	1.7	17
90	Pharmacological effects of cannabinoids on learning and memory in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 3026-3038.	1.7	17

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91	Two Strains of <i>Lymnaea stagnalis</i> and the Progeny from Their Mating Display Differential Memory-Forming Ability on Associative Learning Tasks. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 161.	2.0	17
92	Configural learning in freshly collected, smart, wild <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	17
93	Induction of LTM following an Insulin Injection. <i>ENeuro</i> , 2020, 7, ENEURO.0088-20.2020.	1.9	17
94	Combining Stressors That Individually Impede Long-Term Memory Blocks All Memory Processes. <i>PLoS ONE</i> , 2013, 8, e79561.	2.5	16
95	Increase in cyclic AMP concentration in a cerebral giant interneuron mimics part of a memory trace for conditioned taste aversion of the pond snail. <i>Biophysics (Nagoya-shi, Japan)</i> , 2013, 9, 161-166.	0.4	16
96	Social snails: the effect of social isolation on cognition is dependent on environmental context. <i>Journal of Experimental Biology</i> , 2011, 214, 4179-4185.	1.7	15
97	Spaced taste avoidance conditioning in <i>Lymnaea</i> . <i>Neurobiology of Learning and Memory</i> , 2014, 107, 79-86.	1.9	15
98	Training <i>Lymnaea</i> in the presence of a predator scent results in a long-lasting ability to form enhanced long-term memory. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 399-409.	1.6	15
99	Weak involvement of octopamine in aversive taste learning in a snail. <i>Neurobiology of Learning and Memory</i> , 2017, 141, 189-198.	1.9	15
100	Long-term memory of configural learning is enhanced via CREB upregulation by the flavonoid quercetin in <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	15
101	Critical Period of Memory Enhancement during Taste Avoidance Conditioning in <i>Lymnaea stagnalis</i> . <i>PLoS ONE</i> , 2013, 8, e75276.	2.5	15
102	Protein kinase C mediates memory consolidation of taste avoidance conditioning in <i>Lymnaea stagnalis</i> . <i>Neurobiology of Learning and Memory</i> , 2014, 111, 9-18.	1.9	14
103	A flavanoid component of chocolate quickly reverses an imposed memory deficit. <i>Journal of Experimental Biology</i> , 2016, 219, 816-23.	1.7	14
104	Strain-specific effects of crowding on long-term memory formation in <i>Lymnaea</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018, 222, 43-51.	1.8	14
105	Cholinergic receptors in the <i>Aplysia</i> gill. <i>Journal of Neurobiology</i> , 1984, 15, 325-332.	3.6	11
106	Upside-Down Gliding of <i>Lymnaea</i> . <i>Biological Bulletin</i> , 2008, 215, 272-279.	1.8	11
107	Comparison of brain monoamine content in three populations of <i>Lymnaea</i> that correlates with taste-aversive learning ability. <i>Biophysics and Physicobiology</i> , 2018, 15, 129-135.	1.0	11
108	Nature versus nurture in heat stress induced learning between inbred and outbred populations of <i>Lymnaea stagnalis</i> . <i>Journal of Thermal Biology</i> , 2022, 103, 103170.	2.5	11

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109	CNS serotonin content mediating food deprivation-enhanced learning is regulated by hemolymph tryptophan concentration and autophagic flux in the pond snail. <i>Nutritional Neuroscience</i> , 2023, 26, 217-227.	3.1	11
110	Viewpoint: What the Marine Mollusc <i>Aplysia</i> Can Tell the Neurologist About Behavioral Neurophysiology. <i>Canadian Journal of Neurological Sciences</i> , 1981, 8, 275-280.	0.5	10
111	Sympatric predator detection alters cutaneous respiration in <i>Lymnaea</i> . <i>Communicative and Integrative Biology</i> , 2010, 3, 42-45.	1.4	10
112	Sequential exposure to a combination of stressors blocks memory reconsolidation in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 923-930.	1.7	10
113	Juveniles of <i>Lymnaea</i> smart snails do not persevere and have the capacity to form LTM. <i>Journal of Experimental Biology</i> , 2016, 220, 408-413.	1.7	10
114	An automated learning apparatus for classical conditioning of <i>Lymnaea stagnalis</i> . <i>Journal of Neuroscience Methods</i> , 2016, 259, 115-121.	2.5	9
115	Silver nanoparticles alter learning and memory formation in an aquatic organism, <i>Lymnaea stagnalis</i> . <i>Environmental Pollution</i> , 2017, 225, 403-411.	7.5	9
116	Shell damage leads to enhanced memory formation in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	9
117	Interaction between environmental stressors mediated via the same sensory pathway. <i>Communicative and Integrative Biology</i> , 2011, 4, 717-719.	1.4	8
118	Electrophysiological characteristics of feeding-related neurons after taste avoidance Pavlovian conditioning in <i>Lymnaea stagnalis</i> . <i>Biophysics (Nagoya-shi, Japan)</i> , 2014, 10, 121-133.	0.4	8
119	Strain transformation: Enhancement of invertebrate memory in a new rearing environment. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	8
120	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. <i>PLoS ONE</i> , 2020, 15, e0237700.	2.5	8
121	Configural learning memory can be transformed from intermediate-term to long-term in pond snail <i>Lymnaea stagnalis</i> . <i>Physiology and Behavior</i> , 2021, 239, 113509.	2.1	8
122	Risk in one is not risk in all: snails show differential decision making under high- and low-risk environments. <i>Animal Behaviour</i> , 2022, 190, 53-60.	1.9	8
123	The effect of rearing environment on memory formation. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	7
124	Propranolol disrupts consolidation of emotional memory in <i>Lymnaea</i> . <i>Neurobiology of Learning and Memory</i> , 2018, 149, 1-9.	1.9	7
125	Combining Factors That Individually Enhance Memory in <i>Lymnaea</i> . <i>Biological Bulletin</i> , 2018, 234, 37-44.	1.8	7
126	Sperm sharing in <i>Biomphalaria</i> snails. <i>Nature</i> , 1987, 325, 737-738.	27.8	6

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127	A clash of stressors and LTM formation. <i>Communicative and Integrative Biology</i> , 2008, 1, 125-127.	1.4	6
128	Epicatechin increases the persistence of long-term memory formed by conditioned taste aversion in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	6
129	A flavonoid, quercetin, is capable of enhancing long-term memory formation if encountered at different times in the learning, memory formation, and memory recall continuum. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 253-265.	1.6	6
130	A change in taste: the role of microRNAs in altering hedonic value. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	6
131	Rhythmic activities of isolated and clustered pacemaker neurons and photoreceptors of <i>Aplysia</i> retina in culture. , 1996, 31, 16-28.		5
132	The participation of NMDA receptors, PKC, and MAPK in <i>Lymnaea</i> memory extinction. <i>Neurobiology of Learning and Memory</i> , 2013, 100, 64-69.	1.9	5
133	Black tea differs from green tea: it suppresses long-term memory formation in <i>Lymnaea</i> . <i>Communicative and Integrative Biology</i> , 2018, 11, 1-4.	1.4	5
134	Region-specific changes in <i>Mus musculus</i> brain size and cell composition under chronic nutrient restriction. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	5
135	Stress before training alters memory retrieval of a non-declarative memory in <i>Lymnaea</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	5
136	The temperature sensitivity of memory formation and persistence is altered by cold acclimation in a pond snail. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	5
137	The Perfusion of the Endogenous Neuropeptide, Phe-Met-Arg-Phe-NH ₂ (FMRFamide) through the Gill of <i>Aplysia</i> Potentiates the Gill Withdrawal Reflex Evoked by Siphon Stimulation and Prevents its Habituation. <i>Journal of Neuroendocrinology</i> , 1989, 1, 29-34.	2.6	4
138	Facial shape manifestations of growth faltering in Tanzanian children. <i>Journal of Anatomy</i> , 2018, 232, 250-262.	1.5	4
139	Epicatechin Alters the Activity of a Neuron Necessary for Long-Term Memory of Aerial Respiratory Behavior in <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 2022, 39, .	0.7	4
140	Metabolic Consequences of Hypoxic Conditioning in <i>Lymnaea Stagnalis</i> . <i>Advances in Experimental Medicine and Biology</i> , 2001, 499, 225-229.	1.6	3
141	Alternate behavioural measurements following a single operant training regime demonstrate differences in memory retention. <i>Animal Cognition</i> , 2012, 15, 483-494.	1.8	3
142	Effects of enflurane on gill withdrawal behaviors and the ability of gill motor neurones to elicit gill Contractions in <i>Aplysia</i> . <i>Journal of Anesthesia</i> , 1993, 7, 434-441.	1.7	2
143	The dual effect of enflurane on gill withdrawal reflex of <i>Aplysia</i> . <i>Invertebrate Neuroscience</i> , 1996, 2, 35-40.	1.8	2
144	Fluoride alters feeding and memory in <i>Lymnaea stagnalis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 267-277.	1.6	2

#	ARTICLE	IF	CITATIONS
145	The squishy revisited: A call for ethological affirmative action. Behavioral and Brain Sciences, 1984, 7, 394-394.	0.7	1
146	In the great pond snail (<i>Lymnaea stagnalis</i>), two stressors that individually enhance memory in combination block memory formation. Canadian Journal of Zoology, 2021, 99, 299-307.	1.0	1
147	A thermal stressor, propranolol and long-term memory formation in freshly collected Lymnaea. Journal of Experimental Biology, 2021, 224, .	1.7	1
148	Operant Conditioning of Respiration in Lymnaea. Handbook of Behavioral Neuroscience, 2013, , 265-279.	0.7	1
149	Differential expression of the electrophysiological responses to axotomy in bullfrog sympathetic neurons following nerve injury at 15°C. Restorative Neurology and Neuroscience, 1995, 8, 137-143.	0.7	0
150	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
151	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
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153	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
154	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
155	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
156	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0