

# Etsuro Ito

## List of Publications by Year in descending order

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162  
papers

3,194  
citations

159585

30  
h-index

276875

41  
g-index

167  
all docs

167  
docs citations

167  
times ranked

1656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of an inhibitory input to the feeding central pattern generator in <i>Lymnaea stagnalis</i> during conditioned taste-aversion learning. <i>Neuroscience Letters</i> , 1997, 230, 179-182.	2.1	88
2	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
3	Differential Neuroethological Effects of Aversive and Appetitive Reinforcing Stimuli on Associative Learning in <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 1996, 13, 803-812.	0.7	81
4	Identifying the Therapeutic Significance of Mesenchymal Stem Cells. <i>Cells</i> , 2020, 9, 1145.	4.1	77
5	Determination of the exact copy numbers of particular mRNAs in a single cell by quantitative real-time RT-PCR. <i>Journal of Experimental Biology</i> , 2005, 208, 2389-2398.	1.7	63
6	Associative Learning in the Pond Snail, <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 1999, 16, 711-723.	0.7	62
7	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
8	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
9	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
10	Requirement of New Protein Synthesis of a Transcription Factor for Memory Consolidation: Paradoxical Changes in mRNA and Protein Levels of C/EBP. <i>Journal of Molecular Biology</i> , 2006, 356, 569-577.	4.2	53
11	Taste discrimination in conditioned taste aversion of the pond snail <i>Lymnaea stagnalis</i> . <i>Journal of Experimental Biology</i> , 2006, 209, 826-833.	1.7	52
12	Proposal of De Novo Antigen Test for COVID-19: Ultrasensitive Detection of Spike Proteins of SARS-CoV-2. <i>Diagnostics</i> , 2020, 10, 594.	2.6	46
13	The early snail acquires the learning. Comparison of scores for conditioned taste aversion between morning and afternoon. <i>Acta Biologica Hungarica</i> , 2004, 55, 149-155.	0.7	44
14	Ultrasensitive ELISA Developed for Diagnosis. <i>Diagnostics</i> , 2019, 9, 78.	2.6	43
15	Optical detection of neuromodulatory effects of conditioned taste aversion in the pond snail <i>Lymnaea stagnalis</i> . <i>Journal of Neurobiology</i> , 2001, 49, 118-128.	3.6	40
16	Learning-dependent gene expression of CREB1 isoforms in the molluscan brain. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 25.	2.0	39
17	PKA-Dependent Regulation of Synaptic Enhancement between a Buccal Motor Neuron and Its Regulatory Interneuron in <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 1999, 16, 387-394.	0.7	37
18	De Novo synthesis of CREB in a presynaptic neuron is required for synaptic enhancement involved in memory consolidation. <i>Journal of Neuroscience Research</i> , 2006, 84, 954-960.	2.9	36

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19	Unilateral memory storage in the procerebrum of the terrestrial slug <i>Limax</i> . <i>Neurobiology of Learning and Memory</i> , 2010, 93, 337-342.	1.9	36
20	Sensory preconditioning for feeding response in the pond snail, <i>Lymnaea stagnalis</i> . <i>Brain Research</i> , 1998, 808, 113-115.	2.2	35
21	From likes to dislikes: conditioned taste aversion in the great pond snail ( <i>Lymnaea stagnalis</i> ). <i>Canadian Journal of Zoology</i> , 2013, 91, 405-412.	1.0	35
22	Thermodynamic implications of high $Q_{10}$ of thermoTRP channels in living cells. <i>Biophysics (Nagoya-shi, Japan)</i> , 2015, 11, 33-38.	0.4	35
23	Ultrasensitive enzyme-linked immunosorbent assay (ELISA) of proteins by combination with the thio-NAD cycling method. <i>Biophysics (Nagoya-shi, Japan)</i> , 2014, 10, 49-54.	0.4	34
24	Physiological characterization of lip and tentacle nerves in <i>Lymnaea stagnalis</i> . <i>Neuroscience Research</i> , 1999, 33, 291-298.	1.9	33
25	Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ), Interferon- $\beta$ , and Interleukin-6 but Not TNF- $\alpha$ <sup>2</sup> Induce Differentiation of Neuroblastoma Cells: The Role of Nitric Oxide. <i>Journal of Neurochemistry</i> , 1994, 62, 1337-1344.	3.9	33
26	Developmental Changes in Conditioned Taste Aversion in <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 1999, 16, 9-16.	0.7	31
27	Nitric oxide synthase and soluble guanylyl cyclase underlying the modulation of electrical oscillations in a central olfactory organ. <i>Journal of Neurobiology</i> , 2005, 62, 14-30.	3.6	31
28	Distribution and developmental changes in GABA-like immunoreactive neurons in the central nervous system of pond snail, <i>Lymnaea stagnalis</i> . <i>Journal of Comparative Neurology</i> , 2000, 418, 310-322.	1.6	30
29	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
30	A novel nitric oxide synthase expressed specifically in the olfactory center. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 724-728.	2.1	30
31	Multiple Subtypes of Serotonin Receptors in the Feeding Circuit of a Pond Snail. <i>Zoological Science</i> , 2011, 28, 517-525.	0.7	30
32	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
33	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
34	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
35	Memory block: A consequence of conflict resolution. <i>Journal of Experimental Biology</i> , 2015, 218, 1699-704.	1.7	29
36	Histological characterization of lip and tentacle nerves in <i>Lymnaea stagnalis</i> . <i>Neuroscience Research</i> , 1999, 33, 127-136.	1.9	28

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37	Glutamatergic neurotransmission in the procerebrum (Olfactory center) of a terrestrial mollusk. <i>Journal of Neuroscience Research</i> , 2009, 87, 3011-3023.	2.9	28
38	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
39	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
40	Function of insulin in snail brain in associative learning. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 969-981.	1.6	27
41	A novel role of oxytocin: Oxytocin-induced well-being in humans. <i>Biophysics and Physicobiology</i> , 2019, 16, 132-139.	1.0	27
42	Operant Conditioning of Escape Behavior in the Pond Snail, <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 1998, 15, 683-690.	0.7	26
43	Memory Trace in Feeding Neural Circuitry Underlying Conditioned Taste Aversion in <i>Lymnaea</i> . <i>PLoS ONE</i> , 2012, 7, e43151.	2.5	26
44	Early diagnosis with ultrasensitive ELISA. <i>Advances in Clinical Chemistry</i> , 2021, 101, 121-133.	3.7	26
45	Antigen tests for COVID-19. <i>Biophysics and Physicobiology</i> , 2021, 18, 28-39.	1.0	26
46	Developmental Study of Anatomical Substrate for Conditioned Taste Aversion in <i>Lymnaea stagnalis</i> . <i>Zoological Science</i> , 2000, 17, 141-148.	0.7	25
47	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
48	The Activity of Isolated Neurons and the Modulatory State of an Isolated Nervous System Represent a Recent Behavioural State. <i>Journal of Experimental Biology</i> , 2015, 218, 1151-8.	1.7	25
49	A novel, rapid (within hours) culture-free diagnostic method for detecting live <i>Mycobacterium tuberculosis</i> with high sensitivity. <i>EBioMedicine</i> , 2020, 60, 103007.	6.1	25
50	Highly Sensitive Determination of Hydrogen Peroxide and Glucose by Fluorescence Correlation Spectroscopy. <i>PLoS ONE</i> , 2011, 6, e22955.	2.5	24
51	A CREB2-targeting microRNA is required for long-term memory after single-trial learning. <i>Scientific Reports</i> , 2018, 8, 3950.	3.3	24
52	The Role of Serotonin in the Influence of Intense Locomotion on the Behavior Under Uncertainty in the Mollusk <i>Lymnaea stagnalis</i> . <i>Frontiers in Physiology</i> , 2020, 11, 221.	2.8	24
53	FMRamide regulates oscillatory activity of the olfactory center in the slug. <i>European Journal of Neuroscience</i> , 2010, 32, 1180-1192.	2.6	23
54	Detection of HIV-1 p24 at Attomole Level by Ultrasensitive ELISA with Thio-NAD Cycling. <i>PLoS ONE</i> , 2015, 10, e0131319.	2.5	23

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55	Urinary adiponectin as a new diagnostic index for chronic kidney disease due to diabetic nephropathy. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000661.	2.8	23
56	Previous Motor Experience Enhances Courtship Behavior in Male Cricket <i>Gryllus bimaculatus</i> . <i>Journal of Insect Behavior</i> , 2008, 21, 172-180.	0.7	22
57	Spectrophotometric Method for the Assay of Steroid 5 $\alpha$ -Reductase Activity of Rat Liver and Prostate Microsomes. <i>Analytical Sciences</i> , 2013, 29, 455-459.	1.6	22
58	Modified ELISA for Ultrasensitive Diagnosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 5197.	2.4	22
59	Development of key neurons for learning stimulates learning ability in <i>Lymnaea stagnalis</i> . <i>Neuroscience Letters</i> , 2000, 278, 113-116.	2.1	21
60	Direct and decarboxylation-dependent effects of neurotransmitter precursors on firing of isolated monoaminergic neurons. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 515-527.	1.6	21
61	Effects of tentacle amputation and regeneration on the morphology and activity of the olfactory center of the terrestrial slug <i>Limax valentianus</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 3144-3149.	1.7	21
62	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
63	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
64	Anatomical basis for interactions of enkephalins with other transmitters in the CNS of a snail. <i>Journal of Comparative Neurology</i> , 1995, 361, 38-47.	1.6	19
65	The effects of GABA on the network oscillations of the procerebrum in <i>Limax valentianus</i> . <i>Acta Biologica Hungarica</i> , 2008, 59, 77-79.	0.7	19
66	The activity of isolated snail neurons controlling locomotion is affected by glucose. <i>Biophysics (Nagoya-shi, Japan)</i> , 2015, 11, 55-60.	0.4	19
67	Cerebral Giant Cells are Necessary for the Formation and Recall of Memory of Conditioned Taste Aversion in <i>Lymnaea</i> . <i>Zoological Science</i> , 2017, 34, 72-80.	0.7	19
68	Direct Observation of Dimerization between Different CREB1 Isoforms in a Living Cell. <i>PLoS ONE</i> , 2011, 6, e20285.	2.5	19
69	Two short sequences have positive effects on the human p27Kip1 gene transcription. <i>Gene</i> , 1999, 228, 93-100.	2.2	18
70	Nerve-preserving techniques for radical hysterectomy. <i>European Journal of Surgical Oncology</i> , 2004, 30, 1137-1140.	1.0	18
71	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
72	Two pairs of tentacles and a pair of procerebra: optimized functions and redundant structures in the sensory and central organs involved in olfactory learning of terrestrial pulmonates. <i>Journal of Experimental Biology</i> , 2011, 214, 879-886.	1.7	18

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73	Immunoreactive insulin in diabetes mellitus patient sera detected by ultrasensitive ELISA with thio-NAD cycling. <i>BioTechniques</i> , 2015, 59, 359-367.	1.8	18
74	Features of behavioral changes underlying conditioned taste aversion in the pond snail <i>Lymnaea stagnalis</i> . <i>Invertebrate Neuroscience</i> , 2020, 20, 8.	1.8	18
75	Spontaneous Recovery of the Injured Higher Olfactory Center in the Terrestrial Slug <i>Limax</i> . <i>PLoS ONE</i> , 2010, 5, e9054.	2.5	18
76	DNA Endoreplication in the Brain Neurons during Body Growth of an Adult Slug. <i>Journal of Neuroscience</i> , 2011, 31, 5596-5604.	3.6	17
77	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
78	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
79	Participation of androgen and its receptor in sex determination of an amphibian species. <i>PLoS ONE</i> , 2017, 12, e0178067.	2.5	17
80	Induction of LTM following an Insulin Injection. <i>ENeuro</i> , 2020, 7, ENEURO.0088-20.2020.	1.9	17
81	Change of Morphology and Cytoskeletal Protein Gene Expression during Dibutyryl cAMP-induced Differentiation in C6 Glioma Cells. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 519-528.	3.3	16
82	Redundancy of olfactory sensory pathways for odor-aversion memory in the terrestrial slug <i>Limax valentianus</i> . <i>Journal of Experimental Biology</i> , 2008, 211, 1841-1849.	1.7	16
83	Coordination of rhythm-generating units via NO and extrasynaptic neurotransmitter release. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 529-541.	1.6	16
84	Spontaneous Regeneration of the Central Nervous System in Gastropods. <i>Biological Bulletin</i> , 2011, 221, 35-42.	1.8	16
85	Waggle dance effect: dancing in autumn reduces the mass loss of a honeybee colony. <i>Journal of Experimental Biology</i> , 2012, 215, 1633-1641.	1.7	16
86	Error in the Honeybee Waggle Dance Improves Foraging Flexibility. <i>Scientific Reports</i> , 2014, 4, 4175.	3.3	16
87	Subattomole detection of adiponectin in urine by ultrasensitive ELISA coupled with thio-NAD cycling. <i>Biophysics and Physicobiology</i> , 2015, 12, 79-86.	1.0	16
88	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
89	Whole genome amplification in large neurons of the terrestrial slug <i>Limax</i> . <i>Journal of Neurochemistry</i> , 2012, 122, 727-737.	3.9	15
90	Ultrasensitive detection of proteins and sugars at single-cell level. <i>Communicative and Integrative Biology</i> , 2016, 9, e1124201.	1.4	15

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91	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
92	Complement receptor 3-like immunoreactivity in the light green cells and the canopy cells of the pond snail, <i>Lymnaea stagnalis</i> . <i>Brain Research</i> , 2000, 865, 102-106.	2.2	14
93	Detection of H <sub>2</sub> O <sub>2</sub> by Fluorescence Correlation Spectroscopy. <i>Methods in Enzymology</i> , 2013, 526, 135-143.	1.0	14
94	A Proposed Molecular Mechanism for Physical Analgesia in Chronic Pain. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	2.2	13
95	Biological Insights Into Robotics: Honeybee Foraging Behavior by a Waggle Dance. <i>Advanced Robotics</i> , 2008, 22, 1665-1681.	1.8	12
96	The dance of the honeybee: How do honeybees dance to transfer food information effectively?. <i>Acta Biologica Hungarica</i> , 2008, 59, 157-162.	0.7	12
97	Molecular dynamics simulations for glutamate-binding and cleft-closing processes of the ligand-binding domain of GluR2. <i>Biophysical Chemistry</i> , 2012, 162, 35-44.	2.8	12
98	The cholinergic system in the olfactory center of the terrestrial slug <i>Limax</i> . <i>Journal of Comparative Neurology</i> , 2014, 522, 2951-2966.	1.6	12
99	Effects of serotonin on the heartbeat of pond snails in a hunger state. <i>Biophysics (Nagoya-shi, Japan)</i> , 2015, 11, 1-5.	0.4	12
100	Clinical Significance of Electronegative Low-Density Lipoprotein Cholesterol in Atherothrombosis. <i>Biomedicines</i> , 2020, 8, 254.	3.2	12
101	Activation of the orbitofrontal cortex by both meditation and exercise: A near-infrared spectroscopy study. <i>PLoS ONE</i> , 2021, 16, e0247685.	2.5	12
102	Histiocytosis X: Successful Treatment with Recombinant Interferon- $\alpha$ . <i>Pediatrics International</i> , 1990, 32, 151-154.	0.5	11
103	Upside-Down Gliding of <i>Lymnaea</i> . <i>Biological Bulletin</i> , 2008, 215, 272-279.	1.8	11
104	Organization of the procerebrum in terrestrial pulmonates ( <i>Helix</i> , <i>Limax</i> ) reconsidered: cell mass layer synaptology and its serotonergic input system. <i>Brain Structure and Function</i> , 2013, 218, 477-490.	2.3	11
105	Necessity knows no law in a snail. , 2017, 84, 457-464.		11
106	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
107	Another Example of Conditioned Taste Aversion: Case of Snails. <i>Biology</i> , 2020, 9, 422.	2.8	11
108	Peripheral-neuron-like properties of differentiated human dental pulp stem cells (hDPSCs). <i>PLoS ONE</i> , 2021, 16, e0251356.	2.5	11

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109	Rapid differentiation of human dental pulp stem cells to neuron-like cells by high K <sup>+</sup> stimulation. <i>Biophysics and Physicobiology</i> , 2020, 17, 132-139.	1.0	11
110	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
111	Localization of serotonin transporter mRNA in the CNS of <i>Lymnaea stagnalis</i> . <i>Acta Biologica Hungarica</i> , 2008, 59, 61-64.	0.7	10
112	Previous motor activity affects transition from uncertainty to decision-making in snails. <i>Journal of Experimental Biology</i> , 2016, 219, 3635-3641.	1.7	10
113	Improved Detection Sensitivity of an Antigen Test for SARS-CoV-2 Nucleocapsid Proteins with Thio-NAD Cycling. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1332-1336.	1.4	10
114	INTERPRETATION OF THE DICHROIC ORIENTATION OF PHYTOCHROME. <i>Photochemistry and Photobiology</i> , 1987, 46, 517-523.	2.5	9
115	Recovery of learning ability after the ablation of the procerebrum in the terrestrial slug, <i>Limax valentianus</i> . <i>Acta Biologica Hungarica</i> , 2008, 59, 73-76.	0.7	9
116	Expression of Asn-d-Trp-Phe-NH <sub>2</sub> in the brain of the terrestrial slug <i>Limax valentianus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 160, 89-93.	1.6	9
117	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
118	Adhesive pyramidal thorn patches provide pain relief to athletes. <i>Kaohsiung Journal of Medical Sciences</i> , 2019, 35, 230-237.	1.9	9
119	Zeptomole Detection of an Enzyme by a Simple Colorimetric Method. <i>Analytical Sciences</i> , 2021, 37, 1469-1472.	1.6	9
120	Insulin and Memory in Invertebrates. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 882932.	2.0	9
121	Immunohistochemical demonstration of cholinergic structures in central ganglia of the slug ( <i>Limax</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 3.8	3.8	8
122	Excitatory effects of GABA on procerebrum neurons in a slug. <i>Journal of Neurophysiology</i> , 2012, 108, 989-998.	1.8	8
123	Target innervation is necessary for neuronal polyploidization in the terrestrial slug <i>Limax</i> . <i>Developmental Neurobiology</i> , 2013, 73, 609-620.	3.0	8
124	Origin of sex chromosomes in six groups of <i>Rana rugosa</i> frogs inferred from a sex-linked DNA marker. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 444-452.	1.9	8
125	Real-Time Analysis of Animal Feeding Behavior With a Low-Calculation-Power CPU. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1197-1205.	4.2	8
126	Ultrasensitive Detection of SARS-CoV-2 Spike Proteins Using the Thio-NAD Cycling Reaction: A Preliminary Study before Clinical Trials. <i>Microorganisms</i> , 2021, 9, 2214.	3.6	8



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127	Immunochromatographic detection of MPB64 secreted from active BCG by heating: toward same-day diagnosis of tuberculosis. <i>BioTechniques</i> , 2019, 66, 240-242.	1.8	7
128	Profile of dorsal root ganglion neurons: study of oxytocin expression. <i>Molecular Brain</i> , 2022, 15, 44.	2.6	7
129	Glutamate transporters in the central nervous system of a pond snail. <i>Journal of Neuroscience Research</i> , 2010, 88, 1374-1386.	2.9	6
130	Contrary Effects of Octopamine Receptor Ligands on Behavioral and Neuronal Changes in Locomotion of <i>Lymnaea</i> . <i>Biological Bulletin</i> , 2010, 218, 6-14.	1.8	6
131	Semiempirical Calculations of Force Constants for Torsional and Stretching Vibrations in Excited States of Retinal and Its Related Compounds. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 1842-1851.	1.6	6
132	An Extended INDO-CI Study on Protonated Retinal Schiff-Base. <i>Journal of the Physical Society of Japan</i> , 1990, 59, 3780-3790.	1.6	5
133	Insulin and memory in <i>Lymnaea</i> . <i>Acta Biologica Hungarica</i> , 2012, 63, 194-201.	0.7	5
134	Mathematical analysis of the honeybee waggle dance. <i>Acta Biologica Hungarica</i> , 2012, 63, 75-79.	0.7	5
135	Theory of Retinal and Its Related Compounds by the Extended INDO-CI Method Taking Account of the Change in Bond Lengths in Consistence with Electronic States. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 1497-1507.	1.6	5
136	Dorsolateral prefrontal cortex sensing analgesia. <i>Biophysics and Physicobiology</i> , 2022, , .	1.0	5
137	Semiempirical Calculation of Force Constants of Stretching Vibrations in Excited States of Retinal and Its Related Compounds. <i>Journal of the Physical Society of Japan</i> , 1985, 54, 4861-4868.	1.6	4
138	Electron Microscopic Examination of Cytologic Samples. <i>Acta Cytologica</i> , 1998, 42, 1095-1103.	1.3	4
139	Analysis of DNA endoreplication in the brain neurons in the terrestrial slug, <i>Limax valentianus</i> . <i>Acta Biologica Hungarica</i> , 2012, 63, 171-178.	0.7	4
140	Pain relief associated with decreased oxyhemoglobin level in left dorsolateral prefrontal cortex. <i>PLoS ONE</i> , 2021, 16, e0256626.	2.5	4
141	Discrete Modeling of Multi-transmitter Neural Networks with Neuronal Competition. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 10-16.	0.6	4
142	Previous flight facilitates partner finding in female crickets. <i>Scientific Reports</i> , 2020, 10, 22328.	3.3	4
143	Possible involvement of nitric oxide in coordination of buccal rhythm and gut motility in <i>Lymnaea stagnalis</i> . <i>Acta Biologica Hungarica</i> , 2008, 59, 33-37.	0.7	3
144	Morphology of C6 Glioma Cells on a Water-Repellent Fractal Alkyl Ketene Dimer Surface. <i>Current Nanoscience</i> , 2008, 4, 224-231.	1.2	3

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145	Speed of back-swimming of <i>Lymnaea</i> . Acta Biologica Hungarica, 2008, 59, 105-109.	0.7	3
146	Involvement of nitric oxide in memory formation in microbrains. Neuroscience Letters, 2013, 541, 1-3.	2.1	3
147	A Phylogenetically Distinct Group of <i>Glandirana rugosa</i> Found in Kyushu, Japan. Zoological Science, 2020, 37, 193.	0.7	3
148	Multistable coordination of feeding motor rhythms in semi-intact preparation of <i>Lymnaea stagnalis</i> . Acta Biologica Hungarica, 2012, 63, 141-145.	0.7	2
149	Two siblings with familial neuroblastoma with distinct clinical phenotypes harboring an <i>ALK</i> germline mutation. Genes Chromosomes and Cancer, 2018, 57, 665-669.	2.8	2
150	Differential diagnosis of atypical epithelium of biopsied gastric mucosa using immunostaining of Ki-67, p53, hMLH1 and MDM2 expression. Journal of Experimental and Clinical Cancer Research, 2002, 21, 527-37.	0.4	2
151	GABAergic effects on the slow oscillatory neural activities in the procererebrum of <i>Limax valentianus</i> . Acta Biologica Hungarica, 2012, 63, 91-95.	0.7	1
152	Ab-initio study of pyrrole ring deformation in the indole group of 5-HT interacting with water molecules. Biophysics and Physicobiology, 2019, 16, 127-131.	1.0	1
153	A novel strategy for treating cancer: understanding the role of Ca <sup>2+</sup> signaling from nociceptive TRP channels in regulating cancer progression. Exploration of Targeted Anti-tumor Therapy, 0, , .	0.8	1
154	3C1024 Molecular dynamics simulations for glutamate-binding and cleft-closing processes of the ligand-binding domain of GluR2(3C Protein: Funcnion 2, The 49th Annual Meeting of the Biophysical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
155	1D1534 Insulin and glucose for memory in a snail(Development, Differentiation, Neuroscience, Oral) Tj ETQq1 1 0.784314 rgBT /Overlock 0.1 0		
156	3P082 Development of super high-sensitive measurement of proteins by combination of ELISA and enzyme cycling methods(01E. Protein: Measurement & Analysis, Poster). Seibutsu Butsuri, 2013, 53, S225.	0.1	0
157	1P226 Necessity Knows No Law : Overwhelmed Memory in a Snail(15. Neuroscience & Sensory) Tj ETQq1 1 0.784314 rgBT /Overlock 0.1 0		
158	Preface of Special Issue "TRP channels: their functional roles in medical sciences" Biophysics (Nagoya-shi, Japan), 2015, 11, 7-8.	0.4	0
159	A threshold dosage of estrogen for male to female sex reversal in the <i>Glandirana rugosa</i> frog. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2020, 333, 652-659.	1.9	0
160	Ultrasensitive Detection of SARS-CoV-2. Seibutsu Butsuri, 2021, 61, 107-109.	0.1	0
161	FRI0282...Post-Treatment Short-Term Changes in Needle Electromyography among Patients with Polymyositis and Dermatomyositis and Their Clinical Usefulness: A Retrospective Study. Annals of the Rheumatic Diseases, 2016, 75, 537.3-537.	0.9	0
162	Comprehensive Genomic Analysis Identified Acute Lymphoblastic Leukemia in Down Syndrome Was Highly Heterogeneous with the High Prevalence of Ph-like Signature. Blood, 2018, 132, 2817-2817.	1.4	0