

# Weiming Li

## List of Publications by Year in descending order

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178  
papers

5,526  
citations

81900

39  
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114465

63  
g-index

183  
all docs

183  
docs citations

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times ranked

3769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing of the sea lamprey ( <i>Petromyzon marinus</i> ) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013, 45, 415-421.	21.4	588
2	Bile Acid Secreted by Male Sea Lamprey That Acts as a Sex Pheromone. <i>Science</i> , 2002, 296, 138-141.	12.6	333
3	The olfactory system of migratory adult sea lamprey ( <i>Petromyzon marinus</i> ) is specifically and acutely sensitive to unique bile acids released by conspecific larvae.. <i>Journal of General Physiology</i> , 1995, 105, 569-587.	1.9	177
4	A synthesized pheromone induces upstream movement in female sea lamprey and summons them into traps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1021-1026.	7.1	160
5	Direct behavioral evidence that unique bile acids released by larval sea lamprey ( <i>Petromyzon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 2000, 57, 557-569.	1.4	145
6	Patterns of invasion and colonization of the sea lamprey ( <i>Petromyzon marinus</i> ) in North America as revealed by microsatellite genotypes. <i>Molecular Ecology</i> , 2005, 14, 3757-3773.	3.9	103
7	11-Deoxycortisol is a corticosteroid hormone in the lamprey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13942-13947.	7.1	103
8	Evidence that 3-keto petromyzonol sulphate specifically attracts ovulating female sea lamprey, <i>Petromyzon marinus</i> . <i>Animal Behaviour</i> , 2005, 70, 1037-1045.	1.9	82
9	Sex steroids and their receptors in lampreys. <i>Steroids</i> , 2008, 73, 1-12.	1.8	81
10	Chemical cues and pheromones in the sea lamprey ( <i>Petromyzon marinus</i> ). <i>Frontiers in Zoology</i> , 2015, 12, 32.	2.0	76
11	Highly independent olfactory receptor sites for naturally occurring bile acids in the sea lamprey, <i>Petromyzon marinus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1997, 180, 429-438.	1.6	73
12	Metabolic engineering of <i>Clostridium carboxidivorans</i> for enhanced ethanol and butanol production from syngas and glucose. <i>Bioresource Technology</i> , 2019, 284, 415-423.	9.6	71
13	Male Sea Lampreys, <i>Petromyzon marinus</i> L., Excrete a Sex Pheromone from Gill Epithelia1. <i>Biology of Reproduction</i> , 2003, 69, 125-132.	2.7	69
14	Electrophysiological evidence for detection and discrimination of pheromonal bile acids by the olfactory epithelium of female sea lampreys ( <i>Petromyzon marinus</i> ). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2004, 190, 193-199.	1.6	65
15	Reproductive Ecology of Lampreys. , 2015, , 265-303.		64
16	Bile Salts as Semiochemicals in Fish. <i>Chemical Senses</i> , 2014, 39, 647-654.	2.0	63
17	Insight from the lamprey genome: Glimpsing early vertebrate development via neuroendocrine-associated genes and shared synteny of gonadotropin-releasing hormone (GnRH). <i>General and Comparative Endocrinology</i> , 2013, 192, 237-245.	1.8	61
18	A synthesized mating pheromone component increases adult sea lamprey ( <i>Petromyzon marinus</i> ) trap capture in management scenarios. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1101-1108.	1.4	60

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19	The sea lamprey <i>Petromyzon marinus</i> genome reveals the early origin of several chemosensory receptor families in the vertebrate lineage. <i>BMC Evolutionary Biology</i> , 2009, 9, 180.	3.2	58
20	Zebrafish as a useful model for zoonotic <i>Vibrio parahaemolyticus</i> pathogenicity in fish and human. <i>Developmental and Comparative Immunology</i> , 2016, 55, 159-168.	2.3	52
21	Research to Guide Use of Pheromones to Control Sea Lamprey. <i>Journal of Great Lakes Research</i> , 2007, 33, 70-86.	1.9	51
22	Lampreys as Diverse Model Organisms in the Genomics Era. <i>BioScience</i> , 2015, 65, 1046-1056.	4.9	51
23	Gaussian Process Regression for Sensor Networks Under Localization Uncertainty. <i>IEEE Transactions on Signal Processing</i> , 2013, 61, 223-237.	5.3	50
24	Biallelic editing of a lamprey genome using the CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016, 6, 23496.	3.3	49
25	Mating Pheromone Reception and Induced Behavior in Ovulating Female Sea Lampreys. <i>North American Journal of Fisheries Management</i> , 2006, 26, 88-96.	1.0	48
26	Sex Pheromone Communication in the Sea Lamprey: Implications for Integrated Management. <i>Journal of Great Lakes Research</i> , 2003, 29, 85-94.	1.9	47
27	Identification of putative migratory pheromones from Pacific lamprey ( <i>Lampetra tridentata</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 2194-2203.	1.4	47
28	Rapid evolution meets invasive species control: the potential for pesticide resistance in sea lamprey. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 152-168.	1.4	47
29	$\beta$ -naphthoflavone induction of CYP1A in brain of juvenile lake trout ( <i>Salvelinus namaycush</i> Walbaum). <i>Journal of Experimental Biology</i> , 2004, 207, 1533-1542.	1.7	45
30	Behavioural responses of female <i>Neogobius melanostomus</i> to odours of conspecifics. <i>Journal of Fish Biology</i> , 2005, 67, 615-626.	1.6	45
31	Understanding behavioral responses of fish to pheromones in natural freshwater environments. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 701-711.	1.6	45
32	Quantitative PCR analysis of CYP1A induction in Atlantic salmon ( <i>Salmo salar</i> ). <i>Aquatic Toxicology</i> , 2003, 62, 67-78.	4.0	44
33	Capture of Ovulating Female Sea Lampreys in Traps Baited with Spermiating Male Sea Lampreys. <i>North American Journal of Fisheries Management</i> , 2005, 25, 67-72.	1.0	44
34	Pheromones of the male sea lamprey, <i>Petromyzon marinus</i> L.: structural studies on a new compound, 3-keto allocholic acid, and 3-keto petromyzonol sulfate. <i>Steroids</i> , 2003, 68, 297-304.	1.8	43
35	Development and application of a real-time quantitative PCR assay for determining CYP1A transcripts in three genera of salmonids. <i>Aquatic Toxicology</i> , 2004, 66, 357-368.	4.0	42
36	Effects of biochar on ethanol-type and butyrate-type fermentative hydrogen productions. <i>Bioresource Technology</i> , 2020, 306, 123088.	9.6	42

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37	Possible Applications of Pheromones in an Integrated Sea Lamprey Management Program. <i>Journal of Great Lakes Research</i> , 2003, 29, 794-800.	1.9	41
38	Behavioural and electrophysiological responses by reproductive female <i>Neogobius melanostomus</i> to odours released by conspecific males. <i>Journal of Fish Biology</i> , 2004, 65, 933-946.	1.6	41
39	In vitro biosynthesis of novel 5 $\beta$ -reduced steroids by the testis of the round goby, <i>Neogobius melanostomus</i> . <i>General and Comparative Endocrinology</i> , 2005, 140, 1-13.	1.8	40
40	Characterization of a Novel Bile Alcohol Sulfate Released by Sexually Mature Male Sea Lamprey ( <i>Petromyzon marinus</i> ). <i>PLoS ONE</i> , 2013, 8, e68157.	2.5	39
41	Glomerular territories in the olfactory bulb from the larval stage of the sea lamprey <i>Petromyzon marinus</i> . <i>Journal of Comparative Neurology</i> , 2003, 465, 27-37.	1.6	38
42	Chemosterilization of male sea lampreys ( <i>Petromyzon marinus</i> ) does not affect sex pheromone release. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003, 60, 23-31.	1.4	38
43	High-performance liquid chromatography with fluorescence detection and ultra-performance liquid chromatography with electrospray tandem mass spectrometry method for the determination of indoleamine neurotransmitters and their metabolites in sea lamprey plasma. <i>Analytica Chimica Acta</i> , 2012, 721, 147-153.	5.4	38
44	Multiple functions of a multi-component mating pheromone in sea lamprey <i>Petromyzon marinus</i> . <i>Journal of Fish Biology</i> , 2012, 80, 538-554.	1.6	38
45	Detection and identification of lampreys in Great Lakes streams using environmental DNA. <i>Journal of Great Lakes Research</i> , 2016, 42, 649-659.	1.9	38
46	Spermine in semen of male sea lamprey acts as a sex pheromone. <i>PLoS Biology</i> , 2019, 17, e3000332.	5.6	37
47	Effects of feedstock and pyrolysis temperature of biochar on promoting hydrogen production of ethanol-type fermentation. <i>Science of the Total Environment</i> , 2021, 790, 148206.	8.0	37
48	Comparison of Various Nuclear Localization Signal-Fused Cas9 Proteins and <i>Cas9</i> mRNA for Genome Editing in Zebrafish. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 823-831.	1.8	35
49	Enhanced biohydrogen production from sugarcane molasses by adding <i>Ginkgo biloba</i> leaves. <i>Bioresource Technology</i> , 2020, 298, 122523.	9.6	35
50	Olfactory sensory input increases gill ventilation in male round gobies ( <i>Neogobius melanostomus</i> ) during exposure to steroids. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2006, 144, 196-202.	1.8	34
51	Proteomic analysis of metabolic, cytoskeletal and stress response proteins in human heart failure. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 59-71.	3.6	33
52	Intestinal synthesis and secretion of bile salts as an adaptation to developmental biliary atresia in the sea lamprey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11419-11424.	7.1	31
53	15 $\beta$ -Hydroxyprogesterone in male sea lampreys, <i>Petromyzon marinus</i> L.. <i>Steroids</i> , 2004, 69, 473-481.	1.8	30
54	Neurogenic and Neuroendocrine Effects of Goldfish Pheromones. <i>Journal of Neuroscience</i> , 2008, 28, 14492-14499.	3.6	30

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55	Biosynthesis and release of pheromonal bile salts in mature male sea lamprey. <i>BMC Biochemistry</i> , 2013, 14, 30.	4.4	30
56	Factors Influencing Capture of Invasive Sea Lamprey in Traps Baited With a Synthesized Sex Pheromone Component. <i>Journal of Chemical Ecology</i> , 2015, 41, 913-923.	1.8	30
57	Fatty-acid derivative acts as a sea lamprey migratory pheromone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8603-8608.	7.1	29
58	Sea lamprey orient toward a source of a synthesized pheromone using odor-conditioned rheotaxis. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1557-1567.	1.4	28
59	Evidence for a receiver bias underlying female preference for a male mating pheromone in sea lamprey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131966.	2.6	28
60	Phase I and phase II reductive metabolism simulation of nitro aromatic xenobiotics with electrochemistry coupled with high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7253-7260.	3.7	28
61	Quantification of a Male Sea Lamprey Pheromone in Tributaries of Laurentian Great Lakes by Liquid Chromatography-Tandem Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6437-6443.	10.0	27
62	The Sea Lamprey ( <i>Petromyzon marinus</i> ) Has a Receptor for Androstenedione. <i>Biology of Reproduction</i> , 2007, 77, 688-696.	2.7	26
63	Quantification of monoamine neurotransmitters and melatonin in sea lamprey brain tissues by high performance liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Talanta</i> , 2012, 89, 383-390.	5.5	26
64	Pheromonal bile acid 3-ketopetromyzonol sulfate primes the neuroendocrine system in sea lamprey. <i>BMC Neuroscience</i> , 2013, 14, 11.	1.9	26
65	The efficacy of two synthesized sea lamprey sex pheromone components as a trap lure when placed in direct competition with natural male odors. <i>Biological Invasions</i> , 2011, 13, 1589-1597.	2.4	25
66	The sea lamprey has a primordial accessory olfactory system. <i>BMC Evolutionary Biology</i> , 2013, 13, 172.	3.2	25
67	(+)- and (âˆ’)-Petromyroxols: Antipodal Tetrahydrofurandiols from Larval Sea Lamprey ( <i>Petromyzon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 4.6 25		
68	An UPLC-MS/MS method for quantitative profiling of bile acids in sea lamprey plasma and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 980, 72-78.	2.3	24
69	Progress towards integrating an understanding of chemical ecology into sea lamprey control. <i>Journal of Great Lakes Research</i> , 2021, 47, S660-S672.	1.9	24
70	Multiplex quantification of lamprey specific bile acid derivatives in environmental water using UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3879-3886.	2.3	23
71	Release of Free and Conjugated Forms of the Putative Pheromonal Steroid 11-Oxo-etiocholanolone by Reproductively Mature Male Round Goby ( <i>Neogobius melanostomus</i> Pallas, 1814). <i>Biology of Reproduction</i> , 2011, 84, 288-298.	2.7	23
72	Petromyzonin, a Hexahydrophenanthrene Sulfate Isolated from the Larval Sea Lamprey ( <i>Petromyzon</i> ) Tj ETQq0 0 0 rgBT /Overlock 4.6 23		

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73	Metabolism of a sea lamprey pesticide by fish liver enzymes part A: identification and synthesis of TFM metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1749-1761.	3.7	23
74	Metabolism of a sea lamprey pesticide by fish liver enzymes part B: method development and application in quantification of TFM metabolites formed in vivo. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1763-1774.	3.7	23
75	15 $\alpha$ -Hydroxytestosterone produced in vitro and in vivo in the sea lamprey, <i>Petromyzon marinus</i> . <i>General and Comparative Endocrinology</i> , 2003, 132, 418-426.	1.8	22
76	Comparison of synthesis of 15 $\alpha$ -hydroxylated steroids in males of four North American lamprey species. <i>General and Comparative Endocrinology</i> , 2006, 146, 149-156.	1.8	22
77	A Sea Lamprey ( <i>Petromyzon marinus</i> ) Sex Pheromone Mixture Increases Trap Catch Relative to a Single Synthesized Component in Specific Environments. <i>Journal of Chemical Ecology</i> , 2015, 41, 311-321.	1.8	22
78	Genome-wide analysis of the ATP-binding cassette (ABC) transporter gene family in sea lamprey and Japanese lamprey. <i>BMC Genomics</i> , 2015, 16, 436.	2.8	22
79	A male pheromone in the sea lamprey ( <i>Petromyzon marinus</i> ): an overview. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 259-262.	2.3	21
80	HPLC and ELISA analyses of larval bile acids from Pacific and western brook lampreys. <i>Steroids</i> , 2003, 68, 515-523.	1.8	21
81	15 $\alpha$ -Hydroxytestosterone induction by GnRH I and GnRH III in Atlantic and Great Lakes sea lamprey ( <i>Petromyzon marinus</i> L.). <i>General and Comparative Endocrinology</i> , 2004, 136, 276-281.	1.8	21
82	First observations of spawning nests in the pouched lamprey ( <i>Geotria australis</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1603-1611.	1.4	21
83	Brain Pathways and Behavioral Responses to Weak Electric Fields in Parasitic Sea Lampreys ( <i>Petromyzon marinus</i> ).. <i>Behavioral Neuroscience</i> , 2004, 118, 611-619.	1.2	21
84	Dose-response relationship of 15 $\alpha$ -hydroxylated sex steroids to gonadotropin-releasing hormones and pituitary extract in male sea lampreys ( <i>Petromyzon marinus</i> ). <i>General and Comparative Endocrinology</i> , 2007, 151, 108-115.	1.8	20
85	Isolation and identification of petromyzestrosterol, a polyhydroxysteroid from sexually mature male sea lamprey ( <i>Petromyzon marinus</i> L.). <i>Steroids</i> , 2012, 77, 806-810.	1.8	20
86	Development and application of an ELISA for a sex pheromone released by the male sea lamprey ( <i>Petromyzon marinus</i> L.). <i>General and Comparative Endocrinology</i> , 2002, 129, 163-170.	1.8	19
87	A pheromone outweighs temperature in influencing migration of sea lamprey. <i>Royal Society Open Science</i> , 2015, 2, 150009.	2.4	19
88	The seminal vesicle synthesizes steroids in the round goby <i>Neogobius melanostomus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 148, 117-123.	1.8	18
89	Female sea lamprey shift orientation toward a conspecific chemical cue to escape a sensory trap. <i>Behavioral Ecology</i> , 2016, 27, 810-819.	2.2	18
90	Odorant organization in the olfactory bulb of the sea lamprey. <i>Journal of Experimental Biology</i> , 2017, 220, 1350-1359.	1.7	18

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91	Potential of hydrogen production from sugarcane juice by <i>Ethanoligenens harbinense</i> Yuan-3. <i>Journal of Cleaner Production</i> , 2019, 237, 117552.	9.3	18
92	Transcriptomic analysis of microRNAsâ€“mRNAs regulating innate immune response of zebrafish larvae against <i>Vibrio parahaemolyticus</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 91, 333-342.	3.6	18
93	Monitoring sea lamprey pheromones and their degradation using rapid stream-side extraction coupled with UPLC-MS/MS. <i>Journal of Separation Science</i> , 2013, 36, 1612-1620.	2.5	17
94	Differential transcriptome analysis of zebrafish ( <i>Danio rerio</i> ) larvae challenged by <i>Vibrio parahaemolyticus</i> . <i>Journal of Fish Diseases</i> , 2018, 41, 1049-1062.	1.9	17
95	Discovery and characterization of natural products that act as pheromones in fish. <i>Natural Product Reports</i> , 2018, 35, 501-513.	10.3	17
96	Sea lamprey cardiac mitochondrial bioenergetics after exposure to TFM and its metabolites. <i>Aquatic Toxicology</i> , 2020, 219, 105380.	4.0	17
97	An anti-steroidogenic inhibitory primer pheromone in male sea lamprey ( <i>Petromyzon marinus</i> ). <i>General and Comparative Endocrinology</i> , 2013, 189, 24-31.	1.8	16
98	Quantification of 15 bile acids in lake charr feces by ultra-high performance liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 27-34.	2.3	16
99	Mixtures of Two Bile Alcohol Sulfates Function as a Proximity Pheromone in Sea Lamprey. <i>PLoS ONE</i> , 2016, 11, e0149508.	2.5	16
100	Evidence for partial overlap of male olfactory cues in lampreys. <i>Journal of Experimental Biology</i> , 2016, 220, 497-506.	1.7	16
101	High-sensitivity determination of estrogens in fish plasma using chemical derivatization upstream UHPLCâ€“MSMS. <i>Steroids</i> , 2017, 123, 13-19.	1.8	16
102	Genomic sequence analyses of classical and non-classical lamprey progesterone receptor genes and the inference of homologous gene evolution in metazoans. <i>BMC Evolutionary Biology</i> , 2019, 19, 136.	3.2	16
103	Investigations of Novel Unsaturated Bile Salts of Male Sea Lamprey as Potential Chemical Cues. <i>Journal of Chemical Ecology</i> , 2014, 40, 1152-1160.	1.8	15
104	Increased pheromone signaling by small male sea lamprey has distinct effects on female mate search and courtship. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	15
105	Three Novel Bile Alcohols of Mature Male Sea Lamprey ( <i>Petromyzon marinus</i> ) Act as Chemical Cues for Conspecifics. <i>Journal of Chemical Ecology</i> , 2017, 43, 543-549.	1.8	15
106	An Ancient CFTR Ortholog Informs Molecular Evolution in ABC Transporters. <i>Developmental Cell</i> , 2019, 51, 421-430.e3.	7.0	15
107	Electricity-enhanced anaerobic, non-photosynthetic mixotrophy by <i>Clostridium carboxidivorans</i> with increased carbon efficiency and alcohol production. <i>Energy Conversion and Management</i> , 2022, 252, 115118.	9.2	15
108	Identification of squalamine in the plasma membrane of white blood cells in the sea lamprey, <i>Petromyzon marinus</i> . <i>Journal of Lipid Research</i> , 2007, 48, 2579-2586.	4.2	14

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109	Neuroendocrine and behavioral responses to weak electric fields in adult sea lampreys ( <i>Petromyzon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 14	2.1	14
110	A Review of Research in Fish Pheromones. , 2010, , 467-482.		14
111	The Sea Lamprey as an Etiological Model for Biliary Atresia. <i>BioMed Research International</i> , 2015, 2015, 1-17.	1.9	14
112	A Quantitative Assay for Reductive Metabolism of a Pesticide in Fish Using Electrochemistry Coupled with Liquid Chromatography Tandem Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2015, 49, 4450-4457.	10.0	14
113	Classâ€Eelâ€Stage American Eels Respond to Conspecific Odor as a Function of Concentration. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 712-722.	1.4	14
114	A validated LCâ€MS/MS method for thyroid hormone determination in sea lamprey ( <i>Petromyzon</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Biomedical and Life Sciences, 2017, 1041-1042, 77-84.	2.3	14
115	Potential Multiple Functions of a Male Sea Lamprey Pheromone. <i>Chemical Senses</i> , 2005, 30, i307-i308.	2.0	13
116	Evidence of a Male Sex Pheromone in the Round Goby ( <i>Neogobius melanostomus</i> ). <i>Biological Invasions</i> , 2006, 8, 105-112.	2.4	13
117	Application of liquid chromatography-tandem mass spectrometry in quantitative bioanalyses of organic molecules in aquatic environment and organisms. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9459-9479.	5.3	13
118	A pheromone antagonist liberates female sea lamprey from a sensory trap to enable reliable communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7284-7289.	7.1	13
119	A thermogenic secondary sexual character in male sea lamprey. <i>Journal of Experimental Biology</i> , 2013, 216, 2702-2712.	1.7	12
120	Bile Salt-like Dienones Having a Novel Skeleton or a Rare Substitution Pattern Function as Chemical Cues in Adult Sea Lamprey. <i>Organic Letters</i> , 2017, 19, 4444-4447.	4.6	12
121	Development of an in vivo fluorescence based gene expression reporter system for <i>Clostridium tyrobutyricum</i> . <i>Journal of Biotechnology</i> , 2019, 305, 18-22.	3.8	12
122	Comparative transcriptome analysis of <i>Clostridium tyrobutyricum</i> expressing a heterologous uptake hydrogenase. <i>Science of the Total Environment</i> , 2020, 749, 142022.	8.0	12
123	Evidence for the release of sex pheromones by male round gobies ( <i>Neogobius melanostomus</i> ). <i>Fish Physiology and Biochemistry</i> , 2003, 28, 237-239.	2.3	11
124	Effects of Sex Pheromones and Sexual Maturation on Locomotor Activity in Female Sea Lamprey ( <i>Petromyzon marinus</i> ). <i>Journal of Biological Rhythms</i> , 2013, 28, 218-226.	2.6	11
125	Ultra-performance liquid chromatography tandem mass spectrometry for simultaneous determination of natural steroid hormones in sea lamprey ( <i>Petromyzon marinus</i> ) plasma and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 170-178.	2.3	11
126	Chemical derivatization of neurosteroids for their trace determination in sea lamprey by UPLC-MS/MS. <i>Talanta</i> , 2016, 149, 326-334.	5.5	11



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127	Behavioral Responses of Sea Lamprey to Varying Application Rates of a Synthesized Pheromone in Diverse Trapping Scenarios. <i>Journal of Chemical Ecology</i> , 2020, 46, 233-249.	1.8	11
128	Polymorphic microsatellite markers for the landlocked sea lamprey, <i>Petromyzon marinus</i> . <i>Conservation Genetics</i> , 2003, 4, 113-116.	1.5	10
129	Carbon and nitrogen stable isotopes: a tool to differentiate between <i>Lepeophtheirus salmonis</i> and different salmonid host species?. <i>Aquaculture</i> , 2004, 241, 529-538.	3.5	10
130	Intra- and Interspecific Variation in Production of Bile Acids That Act as Sex Pheromones in Lampreys. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 463-472.	1.5	10
131	The evolution of (non)species-specific pheromones. <i>Evolutionary Ecology</i> , 2020, 34, 455-468.	1.2	10
132	Evidence that progestins play an important role in spermiation and pheromone production in male sea lamprey ( <i>Petromyzon marinus</i> ). <i>General and Comparative Endocrinology</i> , 2015, 212, 17-27.	1.8	9
133	Temporal constraints on the potential role of fry odors as cues of past reproductive success for spawning lake trout. <i>Ecology and Evolution</i> , 2017, 7, 10196-10206.	1.9	9
134	An Origami Paper-Based Analytical Device for Rapid and Sensitive Analysis of Acrylamide in Foods. <i>Micromachines</i> , 2022, 13, 13.	2.9	9
135	A non-lethal method to estimate CYP1A expression in laboratory and wild Atlantic salmon ( <i>Salmo</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 217-224.	2.6	8
136	Identification and quantification of sea lamprey gonadotropin-releasing hormones by electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1345, 98-106.	3.7	8
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