

Iain S Young

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

265
citations

8
h-index

15
g-index

29
ext. papers

340
ext. citations

5.9
avg, IF

3.19
L-index

#	Paper	IF	Citations
27	Flexible Drift Tube for High Resolution Ion Mobility Spectrometry (Flex-DT-IMS). <i>Analytical Chemistry</i> , 2020 , 92, 9104-9112	7.8	12
26	Analysis of non-conjugated steroids in water using paper spray mass spectrometry. <i>Scientific Reports</i> , 2020 , 10, 10698	4.9	8
25	Acute and chronic stress prevents responses to pain in zebrafish: evidence for stress-induced analgesia. <i>Journal of Experimental Biology</i> , 2020 , 223,	3	4
24	Impact of the partial replacement of fish meal with a chloroplast rich fraction on the growth and selected nutrient profile of zebrafish (<i>Danio rerio</i>). <i>Food and Function</i> , 2019 , 10, 733-745	6.1	6
23	Welfare Challenges Influence the Complexity of Movement: Fractal Analysis of Behaviour in Zebrafish. <i>Fishes</i> , 2019 , 4, 8	2.5	15
22	Automated monitoring of behaviour in zebrafish after invasive procedures. <i>Scientific Reports</i> , 2019 , 9, 9042	4.9	26
21	Rapid Detection of the Antibiotic Sulfamethazine in Pig Body Fluids by Paper Spray Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3055-3061	5.7	18
20	Ontogenetic scaling of pelvic limb muscles, tendons and locomotor economy in the ostrich (<i>Ostris ostris</i>). <i>Journal of Experimental Biology</i> , 2019 , 222,	3	1
19	Host selectively contributes to shaping intestinal microbiota of carnivorous and omnivorous fish. <i>Journal of General and Applied Microbiology</i> , 2019 , 65, 129-136	1.5	4
18	Acute stress alters the rates of degradation of cardiac muscle proteins. <i>Journal of Proteomics</i> , 2019 , 191, 124-130	3.9	3
17	Automatic counting system for zebrafish eggs using optical scanner 2018 ,		3
16	The effect of experience, simulator-training and biometric feedback on manual ventilation technique. <i>Veterinary Anaesthesia and Analgesia</i> , 2017 , 44, 567-576	1.3	1
15	2017 ,		1
14	Computer Stereovision System for 3D Tracking of Free-Swimming Zebrafish 2017 ,		2
13	Recognition of Individual Zebrafish Using Speed-Up Robust Feature Matching 2017 ,		1
12	Direct Analysis and Quantification of Metaldehyde in Water using Reactive Paper Spray Mass Spectrometry. <i>Scientific Reports</i> , 2016 , 6, 35643	4.9	26
11	Identification and Extraction of New Feature for Zebrafish Discrimination 2016 ,		2

10	An intelligent behavior-based fish feeding system 2016 ,		6
9	Comparing Simplification Strategies for the Skeletal Muscle Proteome. <i>Proteomes</i> , 2016 , 4,	4.6	1
8	Determining synthesis rates of individual proteins in zebrafish (<i>Danio rerio</i>) with low levels of a stable isotope labelled amino acid. <i>Proteomics</i> , 2016 , 16, 1398-406	4.8	2
7	A physical model for low-frequency electromagnetic induction in the near field based on direct interaction between transmitter and receiver electrons. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016 , 472, 20160338	2.4	4
6	Portable fluorescent sensing array for monitoring heavy metals in water 2016 ,		2
5	What do zebrafish want? Impact of social grouping, dominance and gender on preference for enrichment. <i>Laboratory Animals</i> , 2014 , 48, 328-37	2.6	54
4	Assessment of global proteome dynamics in carp: a model for investigating environmental stress. <i>Journal of Proteome Research</i> , 2013 , 12, 5246-52	5.6	6
3	A proteomics strategy for determining the synthesis and degradation rates of individual proteins in fish. <i>Journal of Proteomics</i> , 2012 , 75, 4471-7	3.9	13
2	Global cooling: cold acclimation and the expression of soluble proteins in carp skeletal muscle. <i>Proteomics</i> , 2007 , 7, 2667-81	4.8	44
1	Bioveterinary science: development of a discipline. <i>Nature Biotechnology</i> , 2003 , 21, 339-40	44.5	