

Iulian Ilies

List of Publications by Year in descending order

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36
papers

622
citations

567144

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39
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mature B cells accelerate wound healing after acute and chronic diabetic skin lesions. <i>Wound Repair and Regeneration</i> , 2017, 25, 774-791.	1.5	84
2	Electric interactions through chirping behavior in the weakly electric fish, <i>Apteronotus leptorhynchus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2006, 192, 159-173.	0.7	72
3	Structural and functional regeneration after spinal cord injury in the weakly electric teleost fish, <i>Apteronotus leptorhynchus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 699-714.	0.7	46
4	Age-related changes in stem cell dynamics, neurogenesis, apoptosis, and gliosis in the adult brain: A novel teleost fish model of negligible senescence. <i>Developmental Neurobiology</i> , 2014, 74, 514-530.	1.5	40
5	Neuroanatomical and Morphological Trait Clusters in the Ant Genus <i>Pheidole</i> : Evidence for Modularity and Integration in Brain Structure. <i>Brain, Behavior and Evolution</i> , 2015, 85, 63-76.	0.9	30
6	Indeterminate body growth and lack of gonadal decline in the brown ghost knifefish (<i>Apteronotus leptorhynchus</i>), an organism exhibiting negligible brain senescence. <i>Canadian Journal of Zoology</i> , 2014, 92, 947-953.	0.4	28
7	Adult stem cells in the knifefish cerebellum. <i>Developmental Neurobiology</i> , 2015, 75, 39-65.	1.5	27
8	Radial glia in the cerebellum of adult teleost fish: implications for the guidance of migrating new neurons. <i>Neuroscience</i> , 2012, 210, 416-430.	1.1	23
9	Large-scale identification of proteins involved in the development of a sexually dimorphic behavior. <i>Journal of Neurophysiology</i> , 2014, 111, 1646-1654.	0.9	23
10	Quantitative analysis reveals dominance of gliogenesis over neurogenesis in an adult brainstem oscillator. <i>Developmental Neurobiology</i> , 2014, 74, 934-952.	1.5	22
11	Additive neurogenesis supported by multiple stem cell populations mediates adult spinal cord development: A spatiotemporal statistical mapping analysis in a teleost model of indeterminate growth. <i>Developmental Neurobiology</i> , 2017, 77, 1269-1307.	1.5	20
12	Behavior, brain, and morphology in a complex insect society: trait integration and social evolution in the exceptionally polymorphic ant <i>Pheidole rhea</i> . <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	0.6	19
13	Performance of statistical process control methods for regional surgical site infection surveillance: a 10-year multicentre pilot study. <i>BMJ Quality and Safety</i> , 2018, 27, 600-610.	1.8	19
14	Competing Physiological Demands During Incipient Colony Foundation in a Social Insect: Consequences of Pathogenic Stress. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	19
15	Proteome analysis reveals protein candidates involved in early stages of brain regeneration of teleost fish. <i>Neuroscience</i> , 2012, 219, 302-313.	1.1	17
16	Determination of relative age using growth increments of scales as a minimally invasive method in the tropical freshwater <i>Apteronotus leptorhynchus</i> . <i>Journal of Fish Biology</i> , 2014, 84, 1312-1325.	0.7	15
17	Absence of gliosis in a teleost model of spinal cord regeneration. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2016, 202, 445-456.	0.7	15
18	Social Complexity and Brain Evolution: Comparative Analysis of Modularity and Integration in Ant Brain Organization. <i>Brain, Behavior and Evolution</i> , 2019, 93, 4-18.	0.9	15

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19	Matrix metalloproteinase-2 and -9 in the cerebellum of teleost fish: Functional implications for adult neurogenesis. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 9-23.	1.0	14
20	Community and Campus COVID-19 Risk Uncertainty Under University Reopening Scenarios: Model-Based Analysis. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24292.	1.2	14
21	Function of Cathepsin K in the Central Nervous System of Male Mice is Independent of Its Role in the Thyroid Gland. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 695-710.	1.7	10
22	Large-scale empirical optimisation of statistical control charts to detect clinically relevant increases in surgical site infection rates. <i>BMJ Quality and Safety</i> , 2020, 29, 472-481.	1.8	10
23	Growth of adult spinal cord in knifefish: Development and parametrization of a distributed model. <i>Journal of Theoretical Biology</i> , 2018, 437, 101-114.	0.8	7
24	B cells support the repair of injured tissues by adopting MyD88-dependent regulatory functions and phenotype. <i>FASEB Journal</i> , 2021, 35, e22019.	0.2	7
25	Use of optimised dual statistical process control charts for early detection of surgical site infection outbreaks. <i>BMJ Quality and Safety</i> , 2020, 29, 517-520.	1.8	5
26	Projection-Based Partitioning for Large, High-Dimensional Datasets. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 474-492.	0.9	4
27	Early recognition and response to increases in surgical site infections using optimized statistical process control charts—the Early 2RIS Trial: a multicenter cluster randomized controlled trial with stepped wedge design. <i>Trials</i> , 2020, 21, 894.	0.7	3
28	Modeling of sustained spontaneous network oscillations of a sexually dimorphic brainstem nucleus: the role of potassium equilibrium potential. <i>Journal of Computational Neuroscience</i> , 2021, 49, 419-439.	0.6	3
29	Modeling approaches, challenges, and preliminary results for the opioid and heroin co-epidemic crisis. , 2017, , .		1
30	Calbindin-D28k expression in spinal electromotoneurons of the weakly electric fish <i>Apteronotus leptorhynchus</i> during adult development and regeneration. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 595-608.	0.7	1
31	Impact of molecular testing on reported <i>Clostridoides difficile</i> infection rates. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 306-312.	1.0	1
32	Estimating main and interaction effects of a multi-component randomized controlled trial via simulation meta-heuristics. , 2017, , .		0
33	525. The Impact of Switching to Molecular Testing on <i>Clostridium difficile</i> Infection Rates: Large-Scale Assessment Using an Interrupted Time Series Poisson Regression Approach. <i>Open Forum Infectious Diseases</i> , 2018, 5, S194-S194.	0.4	0
34	1232. Potential Health and Cost Outcomes of Optimized Statistical Process Control Use for Surgical Site Infection Surveillance. <i>Open Forum Infectious Diseases</i> , 2019, 6, S443-S444.	0.4	0
35	2426. Performance of Statistical Process Control Charts for Detecting Clinically-Significant Increases in <i>Clostridium difficile</i> Infection Rates. <i>Open Forum Infectious Diseases</i> , 2019, 6, S838-S839.	0.4	0
36	85. Use of Dual Statistical Process Control Charts for Early Detection of Surgical Site Infection Outbreaks at a Community Hospital Network. <i>Open Forum Infectious Diseases</i> , 2019, 6, S4-S5.	0.4	0