

Eric Lewitus

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,583
citations

567281

15
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

4692
citing authors

#	ARTICLE	IF	CITATIONS
1	Human cerebral organoids recapitulate gene expression programs of fetal neocortex development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15672-15677.	7.1	870
2	Human-specific gene <i>ARHGAP11B</i> promotes basal progenitor amplification and neocortex expansion. <i>Science</i> , 2015, 347, 1465-1470.	12.6	487
3	<i>RPANDA</i> : an R package for macroevolutionary analyses on phylogenetic trees. <i>Methods in Ecology and Evolution</i> , 2016, 7, 589-597.	5.2	247
4	A SARS-CoV-2 vaccine candidate would likely match all currently circulating variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23652-23662.	7.1	193
5	An Adaptive Threshold in Mammalian Neocortical Evolution. <i>PLoS Biology</i> , 2014, 12, e1002000.	5.6	139
6	A Search for Binary Systems among the Nearest L Dwarfs. <i>Astronomical Journal</i> , 2006, 132, 891-901.	4.7	114
7	Conical expansion of the outer subventricular zone and the role of neocortical folding in evolution and development. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 424.	2.0	99
8	The secondary loss of gyrencephaly as an example of evolutionary phenotypical reversal. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 16.	1.7	69
9	2MASS J22521073+1730134: A Resolved L/T Binary at 14 Parsecs. <i>Astrophysical Journal</i> , 2006, 639, 1114-1119.	4.5	66
10	Characterizing and Comparing Phylogenies from their Laplacian Spectrum. <i>Systematic Biology</i> , 2016, 65, 495-507.	5.6	65
11	Clade-specific diversification dynamics of marine diatoms since the Jurassic. <i>Nature Ecology and Evolution</i> , 2018, 2, 1715-1723.	7.8	40
12	Detecting Environment-Dependent Diversification From Phylogenies: A Simulation Study and Some Empirical Illustrations. <i>Systematic Biology</i> , 2018, 67, 576-593.	5.6	25
13	Molecular dating and viral load growth rates suggested that the eclipse phase lasted about a week in HIV-1 infected adults in East Africa and Thailand. <i>PLoS Pathogens</i> , 2020, 16, e1008179.	4.7	24
14	PHYLOGENETIC COMPARISON OF NEURON AND GLIA DENSITIES IN THE PRIMARY VISUAL CORTEX AND HIPPOCAMPUS OF CARNIVORES AND PRIMATES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2551-2563.	2.3	20
15	Natural Constraints to Species Diversification. <i>PLoS Biology</i> , 2016, 14, e1002532.	5.6	19
16	Neurodevelopmental LincRNA Microsyteny Conservation and Mammalian Brain Size Evolution. <i>PLoS ONE</i> , 2015, 10, e0131818.	2.5	15
17	A non-parametric analytic framework for within-host viral phylogenies and a test for HIV-1 founder multiplicity. <i>Virus Evolution</i> , 2019, 5, vez044.	4.9	15
18	Comment on "Cortical folding scales universally with surface area and thickness, not number of neurons". <i>Science</i> , 2016, 351, 825-825.	12.6	14

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19	Life-History Correlates of Placental Structure in Eutherian Evolution. <i>Evolutionary Biology</i> , 2011, 38, 287-305.	1.1	13
20	Neocortical development as an evolutionary platform for intragenomic conflict. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 2.	1.7	9
21	Inferring Evolutionary Process From Neuroanatomical Data. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 54.	1.7	5
22	HIV-1 infections with multiple founders associate with the development of neutralization breadth. <i>PLoS Pathogens</i> , 2022, 18, e1010369.	4.7	5
23	Cellular signatures in the primary visual cortex of phylogeny and placentation. <i>Brain Structure and Function</i> , 2012, 217, 531-547.	2.3	4
24	Factors influencing estimates of HIV-1 infection timing using BEAST. <i>PLoS Computational Biology</i> , 2021, 17, e1008537.	3.2	4
25	Progenitor Networking in the Fetal Primate Neocortex. <i>Neuron</i> , 2013, 80, 259-262.	8.1	3
26	Characterizing and Comparing Phylogenetic Trait Data from Their Normalized Laplacian Spectrum. <i>Systematic Biology</i> , 2020, 69, 234-248.	5.6	3
27	Our robust intellect. <i>Trends in Genetics</i> , 2013, 29, 125-127.	6.7	2
28	RV144 vaccine imprinting constrained HIV-1 evolution following breakthrough infection. <i>Virus Evolution</i> , 2021, 7, veab057.	4.9	2
29	Does HIV-1 virulence matter in the ART era?. <i>Med</i> , 2022, 3, 217-219.	4.4	0