

Antonio Brun

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

256
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary adaptation to high starch involves increased relative abundance of sucrase-isomaltase and its mRNA in nestling house sparrows. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R195-R202.	1.8	2
2	Rapid and parallel changes in activity and mRNA of intestinal peptidase to match altered dietary protein level in juvenile house sparrows (<i>Passer domesticus</i>). <i>Journal of Experimental Biology</i> , 2020, 224, .	1.7	1
3	A Fast and Accurate Method to Identify and Quantify Enzymes in Brush-Border Membranes: In Situ Hydrolysis Followed by Nano LC-MS/MS. <i>Methods and Protocols</i> , 2020, 3, 15.	2.0	8
4	Duplications and Functional Convergence of Intestinal Carbohydrate-Digesting Enzymes. <i>Molecular Biology and Evolution</i> , 2020, 37, 1657-1666.	8.9	11
5	Age-related changes in the gut microbiota of wild House Sparrow nestlings. <i>Ibis</i> , 2019, 161, 184-191.	1.9	39
6	Morphological bases for intestinal paracellular absorption in bats and rodents. <i>Journal of Morphology</i> , 2019, 280, 1359-1369.	1.2	5
7	Gut microbes limit growth in house sparrow nestlings (<i>Passer domesticus</i>) but not through limitations in digestive capacity. <i>Integrative Zoology</i> , 2018, 13, 139-151.	2.6	42
8	Small intestinal epithelial permeability to water-soluble nutrients higher in passerine birds than in rodents. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1766-1773.	2.2	5
9	NMR-Based Identification of Metabolites in Polar and Non-Polar Extracts of Avian Liver. <i>Metabolites</i> , 2017, 7, 61.	2.9	17
10	Physiological and microbial adjustments to diet quality permit facultative herbivory in an omnivorous lizard. <i>Journal of Experimental Biology</i> , 2016, 219, 1903-1912.	1.7	38
11	Intestinal Water Absorption Varies with Expected Dietary Water Load among Bats but Does Not Drive Paracellular Nutrient Absorption. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 680-684.	1.5	5
12	Digestive Adaptations of Aerial Lifestyles. <i>Physiology</i> , 2015, 30, 69-78.	3.1	66
13	A Comparison of mucosal surface area and villous histology in small intestines of the Brazilian free-tailed bat (<i>Tadarida brasiliensis</i>) and the mouse (<i>Mus musculus</i>). <i>Journal of Morphology</i> , 2015, 276, 102-108.	1.2	4
14	High paracellular nutrient absorption in intact bats is associated with high paracellular permeability in perfused intestinal segments. <i>Journal of Experimental Biology</i> , 2014, 217, 3311-7.	1.7	11