

Raul K Suarez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5043723/publications.pdf>

Version: 2024-02-01

20
papers

580
citations

686830

13
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-level regulation and metabolic scaling. <i>Journal of Experimental Biology</i> , 2005, 208, 1627-1634.	0.8	70
2	Dietary sugar as a direct fuel for flight in the nectarivorous bat <i>Glossophaga soricina</i> . <i>Journal of Experimental Biology</i> , 2008, 211, 310-316.	0.8	67
3	Hummingbirds Fuel Hovering Flight with Newly Ingested Sugar. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 1082-1087.	0.6	61
4	Metabolism in the age of 'omics'. <i>Journal of Experimental Biology</i> , 2012, 215, 2351-2357.	0.8	58
5	Oxygen consumption rates in hovering hummingbirds reflect substrate-dependent differences in P/O ratios: carbohydrate as a 'premium fuel'. <i>Journal of Experimental Biology</i> , 2007, 210, 2146-2153.	0.8	53
6	Metabolic scaling: a many-splendoured thing. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 531-541.	0.7	52
7	Hummingbird foraging and the relation between bioenergetics and behaviour. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002, 133, 335-343.	0.8	44
8	The sugar oxidation cascade: aerial refueling in hummingbirds and nectar bats. <i>Journal of Experimental Biology</i> , 2011, 214, 172-178.	0.8	34
9	Altitude and temperature effects on the energetic cost of hover-feeding in migratory rufous hummingbirds, <i>Selasphorus rufus</i> . <i>Canadian Journal of Zoology</i> , 2008, 86, 161-169.	0.4	24
10	Roles of hierarchical and metabolic regulation in the allometric scaling of metabolism in Panamanian orchid bees. <i>Journal of Experimental Biology</i> , 2005, 208, 3603-3607.	0.8	22
11	Sugar Metabolism in Hummingbirds and Nectar Bats. <i>Nutrients</i> , 2017, 9, 743.	1.7	21
12	Energy and Metabolism. , 2012, 2, 2527-2540.		20
13	Why does metabolic rate scale with body size?/Allometric cascades. <i>Nature</i> , 2003, 421, 714-714.	13.7	19
14	Shaken and stirred: muscle structure and metabolism. <i>Journal of Experimental Biology</i> , 2003, 206, 2021-2029.	0.8	17
15	Fuel use in hawkmoth (<i>Amphion floridensis</i>) flight muscle: Enzyme activities and flux rates. <i>The Journal of Experimental Zoology</i> , 2001, 290, 108-114.	1.4	14
16	Premigratory fat metabolism in hummingbirds: A Rumsfeldian approach. <i>Environmental Epigenetics</i> , 2013, 59, 371-380.	0.9	3
17	Precious papers from 'non-research-intensive' countries. <i>Journal of Experimental Biology</i> , 2014, 217, 818-819.	0.8	1
18	Quantitative design of muscle energy metabolism for steady-state work. <i>Cell and Molecular Response To Stress</i> , 2000, 1, 17-28.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Peter W. Hochachka (1937â€“2002). <i>Nature</i> , 2002, 420, 140-140.	13.7	0
20	The many, exciting sequels to the story of fat. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	0