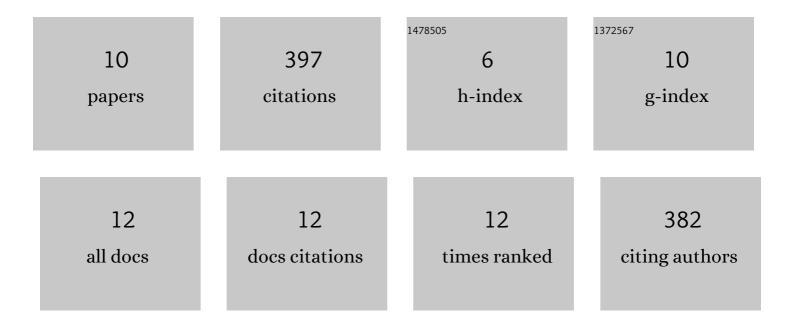
Diana D Chin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3839746/publications.pdf Version: 2024-02-01



ΠΙΑΝΑ D CHIN

#	Article	IF	CITATIONS
1	Birds both avoid and control collisions by harnessing visually guided force vectoring. Journal of the Royal Society Interface, 2022, 19, .	3.4	2
2	How oscillating aerodynamic forces explain the timbre of the hummingbird's hum and other animals in flapping flight. ELife, 2021, 10, .	6.0	6
3	Fluid moment and force measurement based on control surface integration. Experiments in Fluids, 2020, 61, 1.	2.4	5
4	The aerodynamic force platform as an ergometer. Journal of Experimental Biology, 2020, 223, .	1.7	5
5	Birds land reliably on complex surfaces by adapting their foot-surface interactions upon contact. ELife, 2019, 8, .	6.0	24
6	Birds repurpose the role of drag and lift to take off and land. Nature Communications, 2019, 10, 5354.	12.8	25
7	How birds direct impulse to minimize the energetic cost of foraging flight. Science Advances, 2017, 3, e1603041.	10.3	33
8	Inspiration for wing design: how forelimb specialization enables active flight in modern vertebrates. Journal of the Royal Society Interface, 2017, 14, 20170240.	3.4	55
9	Design and analysis of aerodynamic force platforms for free flight studies. Bioinspiration and Biomimetics, 2017, 12, 064001.	2.9	16
10	Flapping wing aerodynamics: from insects to vertebrates. Journal of Experimental Biology, 2016, 219, 920-932.	1.7	226