

Andrea Flack

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6749637/publications.pdf>

Version: 2024-02-01

32
papers

1,349
citations

471371

17
h-index

434063

31
g-index

36
all docs

36
docs citations

36
times ranked

1375
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Earth observation with animal sensors. Trends in Ecology and Evolution, 2022, 37, 293-298.	4.2	49
2	The Movebank system for studying global animal movement and demography. Methods in Ecology and Evolution, 2022, 13, 419-431.	2.2	58
3	Hotspots in the grid: Avian sensitivity and vulnerability to collision risk from energy infrastructure interactions in Europe and North Africa. Journal of Applied Ecology, 2022, 59, 1496-1512.	1.9	20
4	Longer days enable higher diurnal activity for migratory birds. Journal of Animal Ecology, 2021, 90, 2161-2171.	1.3	16
5	Use of avian GPS tracking to mitigate human fatalities from bird strikes caused by large soaring birds. Journal of Applied Ecology, 2021, 58, 1411-1420.	1.9	11
6	Smell of green leaf volatiles attracts white storks to freshly cut meadows. Scientific Reports, 2021, 11, 12912.	1.6	7
7	Birds advancing lay dates with warming springs face greater risk of chick mortality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25590-25594.	3.3	86
8	Synergistic Benefits of Group Search in Rats. Current Biology, 2020, 30, 4733-4738.e4.	1.8	21
9	Overland and oversea migration of white storks through the water barriers of the straits of Gibraltar. Scientific Reports, 2020, 10, 20760.	1.6	3
10	Goose parents lead migration V. Journal of Avian Biology, 2020, 51, .	0.6	18
11	Causes and consequences of facultative sea crossing in a soaring migrant. Functional Ecology, 2020, 34, 840-852.	1.7	20
12	Daily energy expenditure in white storks is lower after fledging than in the nest. Journal of Experimental Biology, 2020, 223, .	0.8	3
13	“Closer to home” strategy benefits juvenile survival in a long-distance migratory bird. Ecology and Evolution, 2019, 9, 8945-8952.	0.8	50
14	Static landscape features predict uplift locations for soaring birds across Europe. Royal Society Open Science, 2019, 6, 181440.	1.1	33
15	Fly with the flock: immersive solutions for animal movement visualization and analytics. Journal of the Royal Society Interface, 2019, 16, 20180794.	1.5	18
16	Collective animal navigation and migratory culture: from theoretical models to empirical evidence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170009.	1.8	141
17	Synchronization, coordination and collective sensing during thermalling flight of freely migrating white storks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170011.	1.8	38
18	From local collective behavior to global migratory patterns in white storks. Science, 2018, 360, 911-914.	6.0	123

#	ARTICLE	IF	CITATIONS
19	Wintering in Europe instead of Africa enhances juvenile survival in a long-distance migrant. <i>Animal Behaviour</i> , 2017, 126, 79-88.	0.8	61
20	Track Annotation: Determining the Environmental Context of Movement Through the Air. , 2017, , 71-86.		2
21	Wind estimation based on thermal soaring of birds. <i>Ecology and Evolution</i> , 2016, 6, 8706-8718.	0.8	33
22	The challenges of the first migration: movement and behaviour of juvenile vs. adult white storks with insights regarding juvenile mortality. <i>Journal of Animal Ecology</i> , 2016, 85, 938-947.	1.3	144
23	Costs of migratory decisions: A comparison across eight white stork populations. <i>Science Advances</i> , 2016, 2, e1500931.	4.7	151
24	Modelling group navigation: transitive social structures improve navigational performance. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150213.	1.5	25
25	The effect of experienced individuals on navigation by king penguin chick pairs. <i>Animal Behaviour</i> , 2015, 104, 69-78.	0.8	10
26	Learning multiple routes in homing pigeons. <i>Biology Letters</i> , 2014, 10, 20140119.	1.0	6
27	Resolution of navigational conflict in king penguin chicks. <i>Animal Behaviour</i> , 2014, 93, 221-228.	0.8	12
28	Robustness of flight leadership relations in pigeons. <i>Animal Behaviour</i> , 2013, 86, 723-732.	0.8	35
29	Not just passengers: pigeons, <i>Columba livia</i> , can learn homing routes while flying with a more experienced conspecific. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122160.	1.2	32
30	Pairs of pigeons act as behavioural units during route learning and co-navigational leadership conflicts. <i>Journal of Experimental Biology</i> , 2013, 216, 1434-1438.	0.8	15
31	Collective learning in route navigation. <i>Communicative and Integrative Biology</i> , 2013, 6, e26521.	0.6	6
32	What are leaders made of? The role of individual experience in determining leader-follower relations in homing pigeons. <i>Animal Behaviour</i> , 2012, 83, 703-709.	0.8	98