

Luc-Alain Giraldeau

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

7,510
citations

81900

39
h-index

53230

85
g-index

94
all docs

94
docs citations

94
times ranked

4577
citing authors

#	ARTICLE	IF	CITATIONS
1	Public Information: From Nosy Neighbors to Cultural Evolution. <i>Science</i> , 2004, 305, 487-491.	12.6	1,378
2	Information and its use by animals in evolutionary ecology. <i>Trends in Ecology and Evolution</i> , 2005, 20, 187-193.	8.7	1,143
3	Social influences on foraging in vertebrates: causal mechanisms and adaptive functions. <i>Animal Behaviour</i> , 2001, 61, 3-15.	1.9	592
4	Producers, Scroungers, and Group Foraging. <i>American Naturalist</i> , 1991, 137, 847-863.	2.1	297
5	Scrounging prevents cultural transmission of food-finding behaviour in pigeons. <i>Animal Behaviour</i> , 1987, 35, 387-394.	1.9	205
6	The effect of dominance hierarchy on the use of alternative foraging tactics: a phenotype-limited producing-scrounging game. <i>Behavioral Ecology and Sociobiology</i> , 1998, 42, 217-223.	1.4	177
7	Song complexity correlates with learning ability in zebra finch males. <i>Animal Behaviour</i> , 2008, 76, 1735-1741.	1.9	163
8	Vicarious sampling: the use of personal and public information by starlings foraging in a simple patchy environment. <i>Behavioral Ecology and Sociobiology</i> , 1996, 38, 105-114.	1.4	156
9	Inadvertent social information in breeding site selection of natal dispersing birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 349-355.	2.6	154
10	The evolution of social learning rules: Payoff-biased and frequency-dependent biased transmission. <i>Journal of Theoretical Biology</i> , 2009, 260, 210-219.	1.7	136
11	Head position as an indicator of producer and scrounger tactics in a ground-feeding bird. <i>Animal Behaviour</i> , 2001, 61, 895-903.	1.9	134
12	Exchangeable producer and scrounger roles in a captive flock of feral pigeons: a case for the skill pool effect. <i>Animal Behaviour</i> , 1986, 34, 797-803.	1.9	128
13	Patch assessment in foraging flocks of European starlings: evidence for the use of public information. <i>Behavioral Ecology</i> , 1995, 6, 65-72.	2.2	124
14	Experimental evidence that group foragers can converge on predicted producer-scrounger equilibria. <i>Animal Behaviour</i> , 2000, 60, 341-350.	1.9	121
15	Group Foraging: The Skill Pool Effect and Frequency-Dependent Learning. <i>American Naturalist</i> , 1984, 124, 72-79.	2.1	120
16	Cultural transmission in pigeons is affected by the number of tutors and bystanders present. <i>Animal Behaviour</i> , 1994, 47, 331-337.	1.9	102
17	A test of the producer-scrounger foraging game in captive flocks of spice finches, <i>Loncbura punctulata</i> . <i>Behavioral Ecology and Sociobiology</i> , 1994, 34, 251-256.	1.4	96
18	Chapter 2 Social Foraging and the Study of Exploitative Behavior. <i>Advances in the Study of Behavior</i> , 2008, 38, 59-104.	1.6	96

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19	Personality affects zebra finch feeding success in a producer-scrounger game. <i>Animal Behaviour</i> , 2011, 82, 61-67.	1.9	91
20	Patch estimation by group foragers: what information is used?. <i>Animal Behaviour</i> , 1993, 45, 721-728.	1.9	84
21	Social foraging: individual learning and cultural transmission of innovations. <i>Behavioral Ecology</i> , 1994, 5, 35-43.	2.2	84
22	Persuasive companions can be wrong: the use of misleading social information in nutmeg mannikins. <i>Behavioral Ecology</i> , 2009, 20, 1217-1222.	2.2	84
23	The marginal value theorem: A quantitative test using load size variation in a central place forager, the Eastern chipmunk, <i>Tamias striatus</i> . <i>Animal Behaviour</i> , 1982, 30, 1036-1042.	1.9	80
24	Resource defense in a group-foraging context. <i>Behavioral Ecology</i> , 2003, 14, 2-9.	2.2	66
25	Producer-scrounger foraging games in starlings: a test of rate-maximizing and risk-sensitive models. <i>Animal Behaviour</i> , 1996, 51, 773-783.	1.9	63
26	Genetic relatedness and group size in an aggregation economy. <i>Evolutionary Ecology</i> , 1993, 7, 429-438.	1.2	57
27	Wild Carib grackles play a producer scrounger game. <i>Behavioral Ecology</i> , 2007, 18, 916-921.	2.2	50
28	The Center-Edge Effect: The Result of a War of Attrition between Territorial Contestants?. <i>Auk</i> , 1987, 104, 535-538.	1.4	48
29	Learning in a game context: strategy choice by some keeps learning from evolving in others. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3609-3616.	2.6	48
30	FIGHTING FOR RESOURCES: THE ECONOMICS OF DEFENSE AND APPROPRIATION. <i>Ecology</i> , 2005, 86, 3-11.	3.2	47
31	Learning behaviorally stable solutions to producer-scrounger games. <i>Behavioral Ecology</i> , 2010, 21, 343-348.	2.2	47
32	Optimal group size can be stable: A reply to sibly. <i>Animal Behaviour</i> , 1985, 33, 666-667.	1.9	46
33	Testing dynamic variance-sensitive foraging using individual differences in basal metabolic rates of zebra finches. <i>Oikos</i> , 2009, 118, 545-552.	2.7	46
34	Resource Consumption Variance Within and Among Individuals: On Coloniality in Spiders. <i>Ecology</i> , 1995, 76, 196-205.	3.2	45
35	Mating tactics in external fertilizers when sperm is limited. <i>Behavioral Ecology</i> , 1996, 7, 19-23.	2.2	45
36	Patch exploitation in a producer-scrounger system: test of a hypothesis using flocks of spice finches (<i>Lonchura punctulata</i>). <i>Behavioral Ecology</i> , 1997, 8, 54-59.	2.2	45

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37	Public information cues affect the scrounging decisions of starlings. <i>Animal Behaviour</i> , 1995, 49, 1617-1626.	1.9	44
38	Patch departure decisions by spice finches foraging singly or in groups. <i>Animal Behaviour</i> , 1997, 54, 967-977.	1.9	42
39	The effect of competitors and distance on central place foraging eastern chipmunks, <i>Tamias striatus</i> . <i>Animal Behaviour</i> , 1994, 47, 621-632.	1.9	41
40	Finding the evolutionarily stable learning rule for frequency-dependent foraging. <i>Animal Behaviour</i> , 2009, 78, 1343-1350.	1.9	41
41	Individual differences in plasticity and sampling when playing behavioural games. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1223-1230.	2.6	40
42	Persistent individual differences in tactic use in a producer-scrounger game are group dependent. <i>Animal Behaviour</i> , 2011, 82, 811-816.	1.9	39
43	THE EFFECT OF HANDLING TIME ON INTERFERENCE AMONG HOUSE SPARROWS FORAGING AT DIFFERENT SEED DENSITIES. <i>Behaviour</i> , 2001, 138, 597-614.	0.8	35
44	Aggregations from using inadvertent social information: a form of ideal habitat selection. <i>Ecography</i> , 2009, 32, 143-152.	4.5	34
45	Group size effect in nutmeg mannikin: between-individuals behavioral differences but same plasticity. <i>Behavioral Ecology</i> , 2010, 21, 684-689.	2.2	34
46	A unified modelling approach for producer-scrounger games in complex ecological conditions. <i>Animal Behaviour</i> , 2014, 96, 167-176.	1.9	34
47	Within-group relatedness can lead to higher levels of exploitation: a model and empirical test. <i>Behavioral Ecology</i> , 2010, 21, 843-850.	2.2	33
48	Personality and body condition have additive effects on motivation to feed in Zebra Finches <i>Taeniopygia guttata</i> . <i>Ibis</i> , 2012, 154, 372-378.	1.9	33
49	Selectivity in social and asocial learning: investigating the prevalence, effect and development of young children's learning preferences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150189.	4.0	33
50	Producer-Scrounger Games in a Spatially Explicit World: Tactic Use Influences Flock Geometry of Spice Finches. <i>Ethology</i> , 2001, 107, 249-257.	1.1	32
51	Testing competing measures of profitability for mobile resources. <i>Oecologia</i> , 2009, 158, 757-764.	2.0	32
52	Individual feeding preferences in feral groups of rock doves. <i>Canadian Journal of Zoology</i> , 1985, 63, 189-191.	1.0	31
53	Group size effect caused by food competition in nutmeg mannikins (<i>Lonchura punctulata</i>). <i>Behavioral Ecology</i> , 2009, 20, 421-425.	2.2	30
54	Risky decisions: a test of risk sensitivity in socially foraging flocks of <i>Lonchura punctulata</i> . <i>Behavioral Ecology</i> , 2005, 16, 8-14.	2.2	27

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55	The empirical question of thresholds and mechanisms of mate choice. <i>Evolutionary Ecology</i> , 1996, 10, 447-455.	1.2	26
56	Incompatibility between antipredatory vigilance and scrounger tactic in nutmeg mannikins, <i>Lonchura punctulata</i> . <i>Animal Behaviour</i> , 2003, 66, 657-664.	1.9	26
57	The Forager's Dilemma: Food Sharing and Food Defense as Risk-Sensitive Foraging Options. <i>American Naturalist</i> , 2003, 162, 768-779.	2.1	26
58	Individual diet differences in feral pigeons: Evidence for resource partitioning. <i>Animal Behaviour</i> , 1987, 35, 1902-1903.	1.9	25
59	Travel time affects optimal diets in depleting patches. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 593-598.	1.4	24
60	Scrounging behavior regulates population dynamics. <i>Oikos</i> , 2007, 116, 533-539.	2.7	21
61	Daily feeding site use of urban pigeons. <i>Canadian Journal of Zoology</i> , 1984, 62, 1425-1428.	1.0	20
62	Frequency-dependent payoffs and sequential decision-making favour consistent tactic use. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1977-1985.	2.6	20
63	Video playback and social foraging: simulated companions produce the group size effect in nutmeg mannikins. <i>Animal Behaviour</i> , 2009, 78, 961-966.	1.9	19
64	Do lions hunt in group sizes that maximize Hunters' daily food returns?. <i>Animal Behaviour</i> , 1988, 36, 611-613.	1.9	18
65	Zebra finches in poor condition produce more and consume more food in a producer-scrounger game. <i>Behavioral Ecology</i> , 2012, 23, 174-180.	2.2	18
66	Evidence of social information on food location in a ring-billed gull colony, but the birds do not use it. <i>Animal Behaviour</i> , 2012, 84, 175-182.	1.9	18
67	Prey crypticity reduces the proportion of group members searching for food. <i>Animal Behaviour</i> , 2006, 71, 1183-1189.	1.9	17
68	Distraction Sneakers Decrease the Expected Level of Aggression within Groups: A Game-Theoretic Model. <i>American Naturalist</i> , 2004, 164, E32-E45.	2.1	15
69	Food sharing among retaliators: sequential arrivals and information asymmetries. <i>Behavioral Ecology and Sociobiology</i> , 2007, 62, 263-271.	1.4	14
70	Nutmeg mannikins (<i>Lonchura punctulata</i>) reduce their feeding rates in response to simulated competition. <i>Oecologia</i> , 2004, 139, 150-156.	2.0	13
71	Intensity of interference affects the distribution of house sparrows, <i>Passer domesticus</i> , at food patches. <i>Animal Behaviour</i> , 2006, 71, 965-970.	1.9	12
72	Interference competition in central place foragers: the effect of imposed waiting on patch-use decisions of eastern chipmunks, <i>Tamias striatus</i> . <i>Behavioral Ecology</i> , 1994, 5, 237-244.	2.2	11

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73	Family-related differences in social foraging tactic use in the zebra finch (<i>Taeniopygia guttata</i>). <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1805-1811.	1.4	11
74	Follow (or don't follow) the crowd: Young children's conformity is influenced by norm domain and age. <i>Journal of Experimental Child Psychology</i> , 2018, 167, 222-233.	1.4	11
75	Competitive advantage of rare behaviours induces adaptive diversity rather than social conformity in skill learning. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201259.	2.6	11
76	Testing central place foraging in eastern chipmunks, <i>Tamias striatus</i> , by altering loading functions. <i>Animal Behaviour</i> , 2006, 71, 1447-1453.	1.9	10
77	Reduced resource defence in an uncertain world: an experimental test using captive nutmeg mannikins. <i>Animal Behaviour</i> , 2004, 68, 21-25.	1.9	9
78	The Effect of Exploration on the Use of Producer-Scrounger Tactics. <i>PLoS ONE</i> , 2012, 7, e49400.	2.5	9
79	Conspecific presence makes exploiting cryptic prey more difficult in wild-caught nutmeg mannikins. <i>Animal Behaviour</i> , 2008, 75, 1101-1108.	1.9	8
80	Can a restrictive definition lead to biases and tautologies?. <i>Behavioral and Brain Sciences</i> , 2007, 30, 411-412.	0.7	7
81	Evidence against maximization of gross rate of seed delivery to the burrow in food-hoarding eastern chipmunks, <i>Tamias striatus</i> . <i>Animal Behaviour</i> , 2008, 75, 655-661.	1.9	7
82	Large-scale Input Matching by Urban Feral Pigeons (<i>Columba livia</i>). <i>Ethology</i> , 2009, 115, 707-712.	1.1	7
83	Predator inadvertent social information use favours reduced clumping of its prey. <i>Oikos</i> , 2010, 119, 286-291.	2.7	6
84	Zebra finches scrounge more when patches vary in quality: experimental support of the linear operator learning rule. <i>Animal Behaviour</i> , 2015, 105, 181-186.	1.9	6
85	How does the reliability of a model affect children's choice to learn socially or individually?. <i>Evolution and Human Behavior</i> , 2017, 38, 341-349.	2.2	6
86	How the cascading effects of a single behavioral trait can generate personality. <i>Ecology and Evolution</i> , 2014, 4, 3038-3045.	1.9	5
87	Speed-accuracy trade-off and its consequences in a scramble competition context. <i>Animal Behaviour</i> , 2014, 90, 255-262.	1.9	5
88	Individual differences in learning ability are negatively linked to behavioural plasticity in a frequency-dependent game. <i>Animal Behaviour</i> , 2020, 159, 97-103.	1.9	5
89	Introduction: Ecology and the Central Nervous System. <i>Brain, Behavior and Evolution</i> , 2004, 63, 193-196.	1.7	3
90	Does Foraging Behaviour Affect Female Mate Preferences and Pair Formation in Captive Zebra Finches?. <i>PLoS ONE</i> , 2010, 5, e14340.	2.5	3

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91	Social foraging in cliff swallows: a critique. <i>Animal Behaviour</i> , 1990, 39, 1213-1214.	1.9	2
92	When More Is More. <i>Science</i> , 2011, 334, 910-911.	12.6	1
93	Foraging Isn't Depleted: Foraging: Behavior and Ecology. David W. Stephens , Joel S. Brown , and Ronald C. Ydenberg , eds. University of Chicago Press, Chicago, 2007. 576 pp., illus. \$99.00 (ISBN 9780226772639) Tj ET Qpl 1 0.784314 rg	1.0	1