

Cedric Sueur

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

4,214
citations

117453

34
h-index

143772

57
g-index

141
all docs

141
docs citations

141
times ranked

3115
citing authors

#	ARTICLE	IF	CITATIONS
1	The tradeoff between information and pathogen transmission in animal societies. <i>Oikos</i> , 2022, 2022, .	1.2	12
2	Foraging networks and social tolerance in a cooperatively breeding primate (<i>Callithrix</i>). <i>Evolution</i> , 2022, 76, 1070-1072.	1.3	12
3	The pedestrian behaviour scale: A systematic review of its validation around the world. <i>Accident Analysis and Prevention</i> , 2022, 165, 106509.	3.0	5
4	Simulated poaching affects global connectivity and efficiency in social networks of African savanna elephants: An exemplar of how human disturbance impacts group-living species. <i>PLoS Computational Biology</i> , 2022, 18, e1009792.	1.5	3
5	Glucocorticoids of European Bison in Relation to Their Status: Age, Dominance, Social Centrality and Leadership. <i>Animals</i> , 2022, 12, 849.	1.0	0
6	Eusociality is linked to caste-specific differences in metabolism, immune system, and somatic maintenance-related processes in an ant species. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	4
7	Long term analysis of social structure: evidence of age-based consistent associations in male Alpine ibex. <i>Oikos</i> , 2022, 2022, .	1.2	5
8	Hierarchical networks of food exchange in the black garden ant <i>Lasius niger</i> . <i>Insect Science</i> , 2021, 28, 825-838.	1.5	12
9	Null models for animal social network analysis and data collected via focal sampling: Pre-network or node network permutation?. <i>Methods in Ecology and Evolution</i> , 2021, 12, 22-32.	2.2	20
10	Network measures in animal social network analysis: Their strengths, limits, interpretations and uses. <i>Methods in Ecology and Evolution</i> , 2021, 12, 10-21.	2.2	74
11	Social proximities of developing gorilla males (<i>Gorilla gorilla gorilla</i>) in European zoos: The consequences of castration and social composition. <i>Applied Animal Behaviour Science</i> , 2021, 234, 105175.	0.8	4
12	Animal social networks: Towards an integrative framework embedding social interactions, space and time. <i>Methods in Ecology and Evolution</i> , 2021, 12, 4-9.	2.2	21
13	Aerial drone observations identified a multilevel society in feral horses. <i>Scientific Reports</i> , 2021, 11, 71.	1.6	11
14	New indices to characterize drawing behavior in humans (<i>Homo sapiens</i>) and chimpanzees (<i>Pan</i>). <i>Evolution</i> , 2022, 76, 1070-1072.	1.6	10
15	How leadership could be used to manage domestic and wild ungulate herds. <i>Applied Animal Behaviour Science</i> , 2021, 239, 105326.	0.8	3
16	Communication Network Reflects Social Instability in a Wild Siamang (<i>Symphalangus syndactylus</i>) Population. <i>International Journal of Primatology</i> , 2021, 42, 618-639.	0.9	4
17	The consistency of individual centrality across time and networks in wild vervet monkeys. <i>American Journal of Primatology</i> , 2021, 83, e23232.	0.8	9
18	Drawing in nonhuman primates: What we know and what remains to be investigated.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2021, 135, 176-184.	0.3	7

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19	Linking physical and social environments with mental health in old age: a multisensor approach for continuous real-life ecological and emotional assessment. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 477-483.	2.0	15
20	Behavioural synchronization in a multilevel society of feral horses. <i>PLoS ONE</i> , 2021, 16, e0258944.	1.1	6
21	I Wanna Draw Like You: Inter- and Intra-Individual Differences in Orang-Utan Drawings. <i>Animals</i> , 2021, 11, 3202.	1.0	6
22	The light is red: Uncertainty behaviours displayed by pedestrians during illegal road crossing. <i>Accident Analysis and Prevention</i> , 2020, 135, 105369.	3.0	14
23	How socio-ecological factors influence the differentiation of social relationships: an integrated conceptual framework. <i>Biology Letters</i> , 2020, 16, 20200384.	1.0	18
24	Combining social network and activity space data for health research: tools and methods. <i>Health and Place</i> , 2020, 66, 102454.	1.5	12
25	Stemming the Flow: Information, Infection, and Social Evolution. <i>Trends in Ecology and Evolution</i> , 2020, 35, 849-853.	4.2	39
26	Extreme and variable environmental temperatures are linked to reduction of social network cohesiveness in a highly social passerine. <i>Oikos</i> , 2020, 129, 1597-1610.	1.2	6
27	A multilevel statistical toolkit to study animal social networks: the Animal Network Toolkit Software (ANTs) R package. <i>Scientific Reports</i> , 2020, 10, 12507.	1.6	20
28	Oceanic thermal structure mediates dive sequences in a foraging seabird. <i>Ecology and Evolution</i> , 2020, 10, 6610-6622.	0.8	15
29	Are They Really Trying to Save Their Buddy? The Anthropomorphism of Animal Epimeletic Behaviours. <i>Animals</i> , 2020, 10, 2323.	1.0	8
30	A Lean and Performant Hierarchical Model for Human Activity Recognition Using Body-Mounted Sensors. <i>Sensors</i> , 2020, 20, 3090.	2.1	14
31	An Evolutionary Point of View of Animal Ethics. <i>Frontiers in Psychology</i> , 2020, 11, 403.	1.1	6
32	The effects of data collection and observation methods on uncertainty of social networks in wild primates. <i>American Journal of Primatology</i> , 2020, 82, e23137.	0.8	12
33	Editorial: Perceptions of Human-Animal Relationships and Their Impacts on Animal Ethics, Law and Research. <i>Frontiers in Psychology</i> , 2020, 11, 631238.	1.1	4
34	Primate Infectious Disease Ecology: Insights and Future Directions at the Human-Macaque Interface. <i>Fascinating Life Sciences</i> , 2020, , 249-284.	0.5	7
35	Recent Developments in Primatology and Their Relevance to the Study of Tibetan Macaques. <i>Fascinating Life Sciences</i> , 2020, , 3-13.	0.5	1
36	Division of labour in the black garden ant (<i>Lasius niger</i>) leads to three distinct proteomes. <i>Journal of Insect Physiology</i> , 2019, 117, 103907.	0.9	12

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37	Editorial: Social networks analyses in primates, a multilevel perspective. <i>Primates</i> , 2019, 60, 163-165.	0.7	9
38	Associations of Sensor-Derived Physical Behavior with Metabolic Health: A Compositional Analysis in the Record Multisensor Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 741.	1.2	8
39	Social attention biases in juvenile wild vervet monkeys: implications for socialisation and social learning processes. <i>Primates</i> , 2019, 60, 261-275.	0.7	22
40	Decision-Making Processes Underlying Pedestrian Behaviors at Signalized Crossings: Part 2. Do Pedestrians Show Cultural Herding Behavior?. <i>Safety</i> , 2019, 5, 82.	0.9	8
41	Decision-Making Processes Underlying Pedestrian Behaviors at Signalized Crossing: Part 1. The First to Step off the Kerb. <i>Safety</i> , 2019, 5, 79.	0.9	4
42	Impact of Group Management and Transfer on Individual Sociality in Highland Cattle (<i>Bos taurus</i>). <i>Frontiers in Veterinary Science</i> , 2019, 6, 183.	0.9	18
43	A spatiotemporal analysis of the food dissemination process and the trophallactic network in the ant <i>Lasius niger</i> . <i>Scientific Reports</i> , 2019, 9, 15620.	1.6	10
44	Mechanisms of network evolution: a focus on socioecological factors, intermediary mechanisms, and selection pressures. <i>Primates</i> , 2019, 60, 167-181.	0.7	28
45	The social network structure of a semi-free roaming European bison herd (<i>Bison bonasus</i>). <i>Behavioural Processes</i> , 2019, 158, 97-105.	0.5	18
46	Space Use and Leadership Modify Dilution Effects on Optimal Vigilance under Food-Safety Trade-Offs. <i>American Naturalist</i> , 2019, 193, E15-E28.	1.0	5
47	Social style and resilience of macaques' networks, a theoretical investigation. <i>Primates</i> , 2019, 60, 233-246.	0.7	11
48	How can leadership processes in European bison be used to improve the management of free-roaming herds. <i>European Journal of Wildlife Research</i> , 2018, 64, 1.	0.7	9
49	Mechanisms of reciprocity and diversity in social networks: a modeling and comparative approach. <i>Behavioral Ecology</i> , 2018, 29, 745-760.	1.0	10
50	Leadership linked to group composition in Highland cattle (<i>Bos taurus</i>): Implications for livestock management. <i>Applied Animal Behaviour Science</i> , 2018, 198, 9-18.	0.8	23
51	Social play among juvenile wild Japanese macaques (<i>Macaca fuscata</i>) strengthens their social bonds. <i>American Journal of Primatology</i> , 2018, 80, e22728.	0.8	35
52	The influence of phylogeny, social style, and sociodemographic factors on macaque social network structure. <i>American Journal of Primatology</i> , 2018, 80, e22727.	0.8	52
53	Breaking up Sedentary Time in Overweight/Obese Adults on Work Days and Non-Work Days: Results from a Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2566.	1.2	11
54	Social environment mediates cancer progression in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 3574.	5.8	44

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55	Social transmission in networks: global efficiency peaks with intermediate levels of modularity. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	31
56	The One Health Concept: 10 Years Old and a Long Road Ahead. <i>Frontiers in Veterinary Science</i> , 2018, 5, 14.	0.9	383
57	Interspecies sexual behaviour between a male Japanese macaque and female sika deer. <i>Primates</i> , 2017, 58, 275-278.	0.7	9
58	Determinants of leadership in groups of female mallards. <i>Behaviour</i> , 2017, 154, 467-507.	0.4	4
59	Shallow divers, deep waters and the rise of behavioural stochasticity. <i>Marine Biology</i> , 2017, 164, 1.	0.7	14
60	One step at a time in investigating relationships between self-directed behaviours and parasitological, social and environmental variables. <i>Royal Society Open Science</i> , 2017, 4, 170461.	1.1	0
61	Emergence of complex social networks from spatial structure and rules of thumb: a modelling approach. <i>Ecological Complexity</i> , 2017, 31, 189-200.	1.4	18
62	The influence of demographic variation on social network stability in wild vervet monkeys. <i>Animal Behaviour</i> , 2017, 134, 155-165.	0.8	36
63	Cultural influence of social information use in pedestrian road-crossing behaviours. <i>Royal Society Open Science</i> , 2017, 4, 160739.	1.1	34
64	Editorial: Social Interaction in Animals: Linking Experimental Approach and Social Network Analysis. <i>Frontiers in Psychology</i> , 2017, 8, 35.	1.1	9
65	Understanding Dynamics of Information Transmission in <i>Drosophila melanogaster</i> Using a Statistical Modeling Framework for Longitudinal Network Data (the RSiena Package). <i>Frontiers in Psychology</i> , 2016, 7, 539.	1.1	14
66	Relations between Spatial Distribution, Social Affiliations and Dominance Hierarchy in a Semi-Free Mandrill Population. <i>Frontiers in Psychology</i> , 2016, 7, 612.	1.1	13
67	Intergroup Variation of Social Relationships in Wild Vervet Monkeys: A Dynamic Network Approach. <i>Frontiers in Psychology</i> , 2016, 7, 915.	1.1	39
68	Social Information Transmission in Animals: Lessons from Studies of Diffusion. <i>Frontiers in Psychology</i> , 2016, 7, 1147.	1.1	52
69	Modeling infection transmission in primate networks to predict centrality-based risk. <i>American Journal of Primatology</i> , 2016, 78, 767-779.	0.8	48
70	Scratch that itch: revisiting links between self-directed behaviour and parasitological, social and environmental factors in a free-ranging primate. <i>Royal Society Open Science</i> , 2016, 3, 160571.	1.1	20
71	Network centrality and seasonality interact to predict lice load in a social primate. <i>Scientific Reports</i> , 2016, 6, 22095.	1.6	68
72	Social grooming network in captive chimpanzees: does the wild or captive origin of group members affect sociality?. <i>Primates</i> , 2016, 57, 73-82.	0.7	35

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73	How social network structure affects decision-making in <i>Drosophila melanogaster</i> . Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152954.	1.2	27
74	Understanding the role of contrasting urban contexts in healthy aging: an international cohort study using wearable sensor devices (the CURHA study protocol). BMC Geriatrics, 2016, 16, 96.	1.1	37
75	Genetic variation in aggregation behaviour and interacting phenotypes in <i>Drosophila</i> . Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152967.	1.2	26
76	Social network and decision-making in primates: a report on Franco-Japanese research collaborations. Primates, 2016, 57, 327-332.	0.7	9
77	Space Use and Movement Patterns in a Semi-Free-Ranging Herd of European Bison (<i>Bison bonasus</i>). PLoS ONE, 2016, 11, e0147404.	1.1	18
78	Network Analysis Shows Asymmetrical Flows within a Bird Metapopulation. PLoS ONE, 2016, 11, e0166701.	1.1	4
79	Personality tests predict responses to a spatial-learning task in mallards, <i>Anas platyrhynchos</i> . Animal Behaviour, 2015, 110, 145-154.	0.8	38
80	Ecology of information: social transmission dynamics within groups of non-social insects. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142480.	1.2	31
81	Risk should be objectively defined: reply to Zentall and Smith. Animal Cognition, 2015, 18, 981-983.	0.9	6
82	Collective decision making during group movements in European bison, <i>Bison bonasus</i> . Animal Behaviour, 2015, 109, 149-160.	0.8	42
83	Factors Influencing Grooming Social Networks: Insights from Comparisons of Colobines with Different Dispersal Patterns. Primatology Monographs, 2015, , 231-254.	0.8	12
84	Modelling Animal Group Fission Using Social Network Dynamics. PLoS ONE, 2014, 9, e97813.	1.1	22
85	The importance of social play network for infant or juvenile wild chimpanzees at Mahale Mountains National Park, Tanzania. American Journal of Primatology, 2014, 76, 1025-1036.	0.8	45
86	Social networks in primates: smart and tolerant species have more efficient networks. Scientific Reports, 2014, 4, 7600.	1.6	102
87	Predicting leadership using nutrient requirements and dominance rank of group members. Behavioral Ecology and Sociobiology, 2013, 67, 457-470.	0.6	25
88	Different risk thresholds in pedestrian road crossing behaviour: A comparison of French and Japanese approaches. Accident Analysis and Prevention, 2013, 58, 59-63.	3.0	36
89	Decision-making theories: linking the disparate research areas of individual and collective cognition. Animal Cognition, 2013, 16, 543-556.	0.9	24
90	Social Structure of a Semi-Free Ranging Group of Mandrills (<i>Mandrillus sphinx</i>): A Social Network Analysis. PLoS ONE, 2013, 8, e83015.	1.1	30

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91	From Social Network (Centralized vs. Decentralized) to Collective Decision-Making (Unshared vs.) Tj ETQq1 1 0.784314 rgBT /Overlock 70	1.1	70
92	Comparisons of Intraunit Relationships in Nonhuman Primates Living in Multilevel Social Systems. International Journal of Primatology, 2012, 33, 1038-1053.	0.9	27
93	Viability of decision-making systems in human and animal groups. Journal of Theoretical Biology, 2012, 306, 93-103.	0.8	15
94	A Non-LÃ©vy Random Walk in Chacma Baboons: What Does It Mean?. PLoS ONE, 2011, 6, e16131.	1.1	29
95	Collective decision-making and fission-fusion dynamics: a conceptual framework. Oikos, 2011, 120, 1608-1617.	1.2	169
96	A comparative network analysis of social style in macaques. Animal Behaviour, 2011, 82, 845-852.	0.8	157
97	A rule-of-thumb based on social affiliation explains collective movements in desert baboons. Animal Behaviour, 2011, 82, 1337-1345.	0.8	130
98	Delay Maintenance in Tonkean Macaques (Macaca tonkeana) and Brown Capuchin Monkeys (Cebus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 59	0.9	59
99	Social Network Influences Decision Making During Collective Movements in Brown Lemurs (Eulemur) Tj ETQq1 1 0.784314 rgBT /Overlock 42	0.9	42
100	Self-Organization in Primates: Understanding the Rules Underlying Collective Movements. International Journal of Primatology, 2011, 32, 1413-1432.	0.9	47
101	Reaching a Consensus: Terminology and Concepts Used in Coordination and Decision-Making Research. International Journal of Primatology, 2011, 32, 1268-1278.	0.9	56
102	Where Next? Group Coordination and Collective Decision Making by Primates. International Journal of Primatology, 2011, 32, 1245-1267.	0.9	129
103	Group decision-making in chacma baboons: leadership, order and communication during movement. BMC Ecology, 2011, 11, 26.	3.0	20
104	Grooming network cohesion and the role of individuals in a captive chimpanzee group. American Journal of Primatology, 2011, 73, 758-767.	0.8	84
105	How can social network analysis improve the study of primate behavior?. American Journal of Primatology, 2011, 73, 703-719.	0.8	185
106	The impact of moving to a novel environment on social networks, activity and wellbeing in two new world primates. American Journal of Primatology, 2011, 73, 802-811.	0.8	50
107	Group size, grooming and fission in primates: A modeling approach based on group structure. Journal of Theoretical Biology, 2011, 273, 156-166.	0.8	52
108	From the first intention movement to the last joiner: macaques combine mimetic rules to optimize their collective decisions. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1697-1704.	1.2	51

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109	Land use in semi-free ranging Tonkean macaques <i>Macaca tonkeana</i> depends on environmental conditions: A geographical information system approach. <i>Environmental Epigenetics</i> , 2011, 57, 8-17.	0.9	5
110	Individual Analyses of Lévy Walk in Semi-Free Ranging Tonkean Macaques (<i>Macaca tonkeana</i>). <i>PLoS ONE</i> , 2011, 6, e26788.	1.1	19
111	Sequence of quorums during collective decision making in macaques. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1875-1885.	0.6	54
112	Signals use by leaders in <i>Macaca tonkeana</i> and <i>Macaca mulatta</i> : group-mate recruitment and behaviour monitoring. <i>Animal Cognition</i> , 2010, 13, 239-248.	0.9	52
113	Long-tailed macaques display unexpected waiting abilities in exchange tasks. <i>Animal Cognition</i> , 2010, 13, 263-271.	0.9	61
114	Monkeys fail to reciprocate in an exchange task. <i>Animal Cognition</i> , 2010, 13, 745-751.	0.9	23
115	Differences in Nutrient Requirements Imply a Non-Linear Emergence of Leaders in Animal Groups. <i>PLoS Computational Biology</i> , 2010, 6, e1000917.	1.5	39
116	Shared or unshared consensus for collective movement? Towards methodological concerns. <i>Behavioural Processes</i> , 2010, 84, 648-652.	0.5	27
117	Short-term group fission processes in macaques: a social networking approach. <i>Journal of Experimental Biology</i> , 2010, 213, 1338-1346.	0.8	80
118	Selective mimetism at departure in collective movements of <i>Macaca tonkeana</i> : an experimental and theoretical approach. <i>Animal Behaviour</i> , 2009, 78, 1087-1095.	0.8	84
119	Organization of Group Members at Departure Is Driven by Social Structure in Macaca. <i>International Journal of Primatology</i> , 2008, 29, 1085-1098.	0.9	127
120	Shared or unshared consensus decision in macaques?. <i>Behavioural Processes</i> , 2008, 78, 84-92.	0.5	114
121	Aggression in Columbian ground squirrels: relationships with age, kinship, energy allocation, and fitness. <i>Behavioral Ecology</i> , 0, , arw098.	1.0	11
122	Social Network, Information Flow and Decision-Making Efficiency. , 0, , 164-177.		1
123	Opposing Forces of Social Attraction and Social Avoidance Drive Network Modularity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
124	Social capital: an independent dimension of healthy ageing. , 0, 1, .		4
125	Eye image effect in the context of pedestrian safety: a French questionnaire study. <i>F1000Research</i> , 0, 11, 218.	0.8	0
126	Improving human collective decision-making through animal and artificial intelligence. , 0, 1, .		2