

# GrÃ©gory Sempo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11555165/publications.pdf>

Version: 2024-02-01

16  
papers

367  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Group personality during collective decision-making: a multi-level approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142515.	2.6	61
2	Group Living Enhances Individual Resources Discrimination: The Use of Public Information by Cockroaches to Assess Shelter Quality. <i>PLoS ONE</i> , 2011, 6, e19748.	2.5	43
3	Self-amplification as a source of interindividual variability: Shelter selection in cockroaches. <i>Journal of Insect Physiology</i> , 2009, 55, 976-982.	2.0	40
4	Complex Dynamics Based on a Quorum: Decision-Making Process by Cockroaches in a Patchy Environment. <i>Ethology</i> , 2009, 115, 1150-1161.	1.1	39
5	Impact of increasing deployment of artificial floating objects on the spatial distribution of social fish species. <i>Journal of Applied Ecology</i> , 2013, 50, 1081-1092.	4.0	32
6	SwisTrack: A Tracking Tool for Multi-Unit Robotic and Biological Systems. , 2006, , .		27
7	Spatial organization in a dimorphic ant: caste specificity of clustering patterns and area marking. <i>Behavioral Ecology</i> , 2006, 17, 642-650.	2.2	22
8	The interplay between personalities and social interactions affects the cohesion of the group and the speed of aggregation. <i>PLoS ONE</i> , 2018, 13, e0201053.	2.5	17
9	Group choices seemingly at odds with individual preferences. <i>Royal Society Open Science</i> , 2017, 4, 170232.	2.4	15
10	Social Task Regulation in the Dimorphic Ant, <i>Pheidole pallidula</i> : the Influence of Caste Ratio. <i>Journal of Insect Science</i> , 2010, 10, 1-16.	1.5	13
11	Information cascade ruling the fleeing behaviour of a gregarious insect. <i>Animal Behaviour</i> , 2013, 85, 1271-1285.	1.9	13
12	Integration of an Autonomous Artificial Agent in an Insect Society: Experimental Validation. <i>Lecture Notes in Computer Science</i> , 2006, , 703-712.	1.3	13
13	Individual Thigmotactic Preference Affects the Fleeing Behavior of the American Cockroach (Blattodea: Blattidae). <i>Journal of Insect Science</i> , 2018, 18, .	1.5	11
14	From Aggregation to Dispersion: How Habitat Fragmentation Prevents the Emergence of Consensual Decision Making in a Group. <i>PLoS ONE</i> , 2013, 8, e78951.	2.5	9
15	Collective resilience in a disturbed environment: stability of the activity rhythm and group personality in <i>Periplaneta americana</i> . <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1879-1896.	1.4	9
16	Collective Decision-Making Based on Individual Discrimination Capability in Pre-social Insects. <i>Lecture Notes in Computer Science</i> , 2006, , 713-724.	1.3	3