

Rosa Rugani

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,221
citations

279798

23
h-index

233421

45
g-index

62
all docs

62
docs citations

62
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative numerical middle in rhesus monkeys. <i>Biology Letters</i> , 2022, 18, 20210426.	2.3	2
2	Children perform better on left than right targets in an ordinal task. <i>Acta Psychologica</i> , 2022, 226, 103560.	1.5	4
3	Subtraction. , 2022, , 6766-6768.		0
4	Are Rational Numbers Spontaneous? Natural Numbers Suffice all Processing by the Number Sense. <i>Cognitive Science</i> , 2022, 46, .	1.7	0
5	Response of male and female domestic chicks to change in the number (quantity) of imprinting objects. <i>Learning and Behavior</i> , 2021, 49, 54-66.	1.0	8
6	Spatialâ€“Numerical Association in Nonhuman Animals. , 2021, , 602-620.		3
7	Approach direction and accuracy, but not response times, show spatial-numerical association in chicks. <i>PLoS ONE</i> , 2021, 16, e0257764.	2.5	2
8	Numerical Abilities in Nonhumans: The Perspective of Comparative Studies. , 2021, , 1-33.		0
9	Individually distinctive features facilitate numerical discrimination of sets of objects in domestic chicks. <i>Scientific Reports</i> , 2020, 10, 16408.	3.3	8
10	Middle identification for rhesus monkeys is influenced by number but not extent. <i>Scientific Reports</i> , 2020, 10, 17402.	3.3	3
11	Cognitive and communicative pressures in the emergence of grammatical structure: A closer look at whether number sense is encoded in privileged ways. <i>Cognitive Neuropsychology</i> , 2020, 37, 355-358.	1.1	7
12	Hemispheric specialization in spatial versus ordinal processing in the dayâ€“old domestic chick (<i>Gallus gallus</i>). <i>Annals of the New York Academy of Sciences</i> , 2020, 1477, 34-43.	3.8	10
13	Effects of animacy on the processing of morphological Number: a cognitive inheritance?. <i>Word Structure</i> , 2020, 13, 22-44.	0.5	6
14	Numerical magnitude, rather than individual bias, explains spatial numerical association in newborn chicks. <i>ELife</i> , 2020, 9, .	6.0	20
15	Do nonâ€“verbal number systems shape grammar? Numerical cognition and Number morphology compared. <i>Mind and Language</i> , 2019, 34, 37-58.	2.3	13
16	A mental number line in human newborns. <i>Developmental Science</i> , 2019, 22, e12801.	2.4	67
17	Use of numerical and spatial information in ordinal counting by zebrafish. <i>Scientific Reports</i> , 2019, 9, 18323.	3.3	25
18	Towards numerical cognition's origin: insights from day-old domestic chicks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160509.	4.0	23

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19	Numerical Affordance Influences Action Execution: A Kinematic Study of Finger Movement. <i>Frontiers in Psychology</i> , 2018, 9, 637.	2.1	7
20	The effect of clustering on perceived quantity in humans (<i>Homo sapiens</i>) and in chicks (<i>Gallus gallus</i>). <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2018, 132, 280-293.	0.5	17
21	Subtraction. , 2018, , 1-3.		0
22	A strategy to improve arithmetical performance in four day-old domestic chicks (<i>Gallus gallus</i>). <i>Scientific Reports</i> , 2017, 7, 13900.	3.3	13
23	Experimental Evidence From Newborn Chicks Enriches Our Knowledge on Human Spatialâ€“Numerical Associations. <i>Cognitive Science</i> , 2017, 41, 2275-2279.	1.7	4
24	What is a number? The interplay between number and continuous magnitudes. <i>Behavioral and Brain Sciences</i> , 2017, 40, e187.	0.7	8
25	Number-space associations without language: Evidence from preverbal human infants and non-human animal species. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 352-369.	2.8	54
26	Act on Numbers: Numerical Magnitude Influences Selection and Kinematics of Finger Movement. <i>Frontiers in Psychology</i> , 2017, 8, 1481.	2.1	14
27	Response: â€œNewborn chicks need no number tricks. Commentary: Number-space mapping in the newborn chick resembles humans' mental number lineâ€œ. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 31.	2.0	10
28	Numbers in Action. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 388.	2.0	10
29	Piece of Evidence. Commentary: Ancestral Mental Number Lines: What Is the Evidence?. <i>Frontiers in Psychology</i> , 2016, 7, 553.	2.1	5
30	Ratio abstraction over discrete magnitudes by newly hatched domestic chicks (<i>Gallus gallus</i>). <i>Scientific Reports</i> , 2016, 6, 30114.	3.3	23
31	Mapping number to space in the two hemispheres of the avian brain. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 13-18.	1.9	23
32	Response to Comments on â€œNumber-space mapping in the newborn chick resembles humansâ€™ mental number lineâ€œ. <i>Science</i> , 2015, 348, 1438-1438.	12.6	15
33	The use of proportion by young domestic chicks (<i>Gallus gallus</i>). <i>Animal Cognition</i> , 2015, 18, 605-616.	1.8	17
34	Number-space mapping in the newborn chick resembles humansâ€™ mental number line. <i>Science</i> , 2015, 347, 534-536.	12.6	289
35	Brain asymmetry modulates perception of biological motion in newborn chicks (<i>Gallus gallus</i>). <i>Behavioural Brain Research</i> , 2015, 290, 1-7.	2.2	31
36	Numerical discrimination by frogs (<i>Bombina orientalis</i>). <i>Animal Cognition</i> , 2015, 18, 219-229.	1.8	132

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37	At the root of the left–right asymmetries in spatial–numerical processing: From domestic chicks to human subjects. <i>Journal of Cognitive Psychology</i> , 2015, 27, 388-399.	0.9	17
38	Lateralized mechanisms for encoding of object. Behavioral evidence from an animal model: the domestic chick (<i>Gallus gallus</i>). <i>Frontiers in Psychology</i> , 2014, 5, 150.	2.1	24
39	Use of kind information for object individuation in young domestic chicks. <i>Animal Cognition</i> , 2014, 17, 925-935.	1.8	14
40	From small to large: Numerical discrimination by young domestic chicks (<i>Gallus gallus</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2014, 128, 163-171.	0.5	50
41	“From small to large: Numerical discrimination by young domestic chicks (<i>Gallus gallus</i>)” Correction to Rugani, Vallortigara, and Regolin (2013).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2014, 128, 163-171.	0.5	50
42	One, two, three, four, or is there something more? Numerical discrimination in day-old domestic chicks. <i>Animal Cognition</i> , 2013, 16, 557-564.	1.8	77
43	Perception of the Ebbinghaus illusion in four-day-old domestic chicks (<i>Gallus gallus</i>). <i>Animal Cognition</i> , 2013, 16, 895-906.	1.8	59
44	Numerical Abstraction in Young Domestic Chicks (<i>Gallus gallus</i>). <i>PLoS ONE</i> , 2013, 8, e65262.	2.5	50
45	Asymmetrical number-space mapping in the avian brain. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 231-238.	1.9	55
46	Summation of Large Numerosity by Newborn Chicks. <i>Frontiers in Psychology</i> , 2011, 2, 179.	2.1	53
47	Object individuation in 3-day-old chicks: use of property and spatiotemporal information. <i>Developmental Science</i> , 2011, 14, 1235-1244.	2.4	33
48	Spontaneous discrimination of possible and impossible objects by newly hatched chicks. <i>Biology Letters</i> , 2011, 7, 654-657.	2.3	24
49	Animal cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010, 1, 882-893.	2.8	40
50	Imprinted numbers: newborn chicks’ sensitivity to number vs. continuous extent of objects they have been reared with. <i>Developmental Science</i> , 2010, 13, 790-797.	2.4	69
51	Is it only humans that count from left to right?. <i>Biology Letters</i> , 2010, 6, 290-292.	2.3	126
52	Lateralization of social cognition in the domestic chicken (<i>Gallus gallus</i>). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 965-981.	4.0	72
53	Arithmetic in newborn chicks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2451-2460.	2.6	169
54	Empty sets as part of the numerical continuum: Conceptual precursors to the zero concept in rhesus monkeys.. <i>Journal of Experimental Psychology: General</i> , 2009, 138, 258-269.	2.1	51

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55	Discrimination of small numerosities in young chicks.. Journal of Experimental Psychology, 2008, 34, 388-399.	1.7	127
56	Rudimental numerical competence in 5-day-old domestic chicks (Gallus gallus): Identification of ordinal position.. Journal of Experimental Psychology, 2007, 33, 21-31.	1.7	84
57	Delayed search for social and nonsocial goals by young domestic chicks, Gallus gallus domesticus. Animal Behaviour, 2005, 70, 855-864.	1.9	53
58	Working memory in the chick: parallel and lateralized mechanisms for encoding of object- and position-specific information. Behavioural Brain Research, 2005, 157, 1-9.	2.2	52
59	Rudiments of mind: Insights through the chick model on number and space cognition in animals.. Comparative Cognition and Behavior Reviews, 0, 5, 78-99.	2.0	44