

# Andrea Ravignani

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,602  
citations

361413

20  
h-index

361022

35  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1053  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of Rhythm Processing. Trends in Cognitive Sciences, 2018, 22, 896-910.	7.8	165
2	Chorusing, synchrony, and the evolutionary functions of rhythm. Frontiers in Psychology, 2014, 5, 1118.	2.1	105
3	Primate Drum Kit: A System for Studying Acoustic Pattern Production by Non-Human Primates Using Acceleration and Strain Sensors. Sensors, 2013, 13, 9790-9820.	3.8	92
4	Musical evolution in the lab exhibits rhythmic universals. Nature Human Behaviour, 2017, 1, .	12.0	92
5	Cross-Cultural Work in Music Cognition. Music Perception, 2020, 37, 185-195.	1.1	61
6	Non-adjacent visual dependency learning in chimpanzees. Animal Cognition, 2015, 18, 733-745.	1.8	60
7	Synchrony and motor mimicking in chimpanzee observational learning. Scientific Reports, 2014, 4, 5283.	3.3	57
8	Action at a distance: dependency sensitivity in a New World primate. Biology Letters, 2013, 9, 20130852.	2.3	53
9	The Paradox of Isochrony in the Evolution of Human Rhythm. Frontiers in Psychology, 2017, 8, 1820.	2.1	53
10	Non-adjacent Dependency Learning in Humans and Other Animals. Topics in Cognitive Science, 2020, 12, 843-858.	1.9	50
11	What Pinnipeds Have to Say about Human Speech, Music, and the Evolution of Rhythm. Frontiers in Neuroscience, 2016, 10, 274.	2.8	41
12	Rhythm in speech and animal vocalizations: a cross-species perspective. Annals of the New York Academy of Sciences, 2019, 1453, 79-98.	3.8	36
13	Measuring rhythmic complexity: A primer to quantify and compare temporal structure in speech, movement, and animal vocalizations. Journal of Language Evolution, 2017, 2, 4-19.	1.7	33
14	More than one way to see it: Individual heuristics in avian visual computation. Cognition, 2015, 143, 13-24.	2.2	31
15	Evolution of communication signals and information during species radiation. Nature Communications, 2020, 11, 4970.	12.8	30
16	Editorial: The Evolution of Rhythm Cognition: Timing in Music and Speech. Frontiers in Human Neuroscience, 2017, 11, 303.	2.0	29
17	Interactive rhythms across species: the evolutionary biology of animal chorusing and turn-taking. Annals of the New York Academy of Sciences, 2019, 1453, 12-21.	3.8	29
18	Categorical rhythms in a singing primate. Current Biology, 2021, 31, R1379-R1380.	3.9	29

#	ARTICLE	IF	CITATIONS
19	Seeking Temporal Predictability in Speech: Comparing Statistical Approaches on 18 World Languages. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 586.	2.0	28
20	The evolutionary biology of dance without frills. <i>Current Biology</i> , 2016, 26, R878-R879.	3.9	28
21	Chimpanzees process structural isomorphisms across sensory modalities. <i>Cognition</i> , 2017, 161, 74-79.	2.2	23
22	Agree on definitions of synchrony. <i>Nature</i> , 2017, 545, 158-158.	27.8	22
23	Evolution and functions of human dance. <i>Evolution and Human Behavior</i> , 2021, 42, 351-360.	2.2	21
24	Evolving building blocks of rhythm: how human cognition creates music via cultural transmission. <i>Annals of the New York Academy of Sciences</i> , 2018, 1423, 176-187.	3.8	20
25	Darwin, Sexual Selection, and the Origins of Music. <i>Trends in Ecology and Evolution</i> , 2018, 33, 716-719.	8.7	20
26	Bipedal Steps in the Development of Rhythmic Behavior in Humans. <i>Music &amp; Science</i> , 2019, 2, 205920431989261.	1.0	19
27	Synchrony and rhythm interaction: from the brain to behavioural ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200324.	4.0	19
28	Ontogeny of vocal rhythms in harbor seal pups: an exploratory study. <i>Environmental Epigenetics</i> , 2019, 65, 107-120.	1.8	18
29	Coupled whole-body rhythmic entrainment between two chimpanzees. <i>Scientific Reports</i> , 2019, 9, 18914.	3.3	18
30	Timing of antisynchronous calling: A case study in a harbor seal pup ( <i>Phoca vitulina</i> ).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2019, 133, 272-277.	0.5	18
31	Acoustic allometry and vocal learning in mammals. <i>Biology Letters</i> , 2020, 16, 20200081.	2.3	17
32	Rhythm in dyadic interactions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200337.	4.0	17
33	Evolving perceptual biases for antisynchrony: a form of temporal coordination beyond synchrony. <i>Frontiers in Neuroscience</i> , 2015, 9, 339.	2.8	14
34	Visualizing and Interpreting Rhythmic Patterns Using Phase Space Plots. <i>Music Perception</i> , 2017, 34, 557-568.	1.1	14
35	Spontaneous rhythms in a harbor seal pup calls. <i>BMC Research Notes</i> , 2018, 11, 3.	1.4	14
36	Rhythm and synchrony in animal movement and communication. <i>Environmental Epigenetics</i> , 2019, 65, 77-81.	1.8	14

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37	Visual timing abilities of a harbour seal ( <i>Phoca vitulina</i> ) and a South African fur seal ( <i>Arctocephalus</i> ) Tj ETQq1 1 0.784314 rgBT/Overlo	1.8	14
38	Chronometry for the chorusing herd: Hamilton's legacy on context-dependent acoustic signallingâ€”a comment on Herbers (2013). <i>Biology Letters</i> , 2014, 10, 20131018.	2.3	13
39	Vocal plasticity in harbour seal pups. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200456.	4.0	13
40	The Evolution of Musicality: What Can Be Learned from Language Evolution Research?. <i>Frontiers in Neuroscience</i> , 2018, 12, 20.	2.8	12
41	Common marmosets are sensitive to simple dependencies at variable distances in an artificial grammar. <i>Evolution and Human Behavior</i> , 2019, 40, 214-221.	2.2	12
42	How small could a pup sound? The physical bases of signaling body size in harbor seals. <i>Environmental Epigenetics</i> , 2017, 63, 457-465.	1.8	11
43	Music Evolution in the Laboratory: Cultural Transmission Meets Neurophysiology. <i>Frontiers in Neuroscience</i> , 2018, 12, 246.	2.8	11
44	Rankâ€”dependent grooming patterns and cortisol alleviation in Barbary macaques. <i>American Journal of Primatology</i> , 2015, 77, 688-700.	1.7	10
45	Melodic Universals Emerge or Are Sustained Through Cultural Evolution. <i>Frontiers in Psychology</i> , 2021, 12, 668300.	2.1	10
46	Comment on â€œTemporal and spatial variation in harbor seal ( <i>Phoca vitulina</i> L.) roar calls from southern Scandinaviaâ€•[J. Acoust. Soc. Am. <b>141</b>, 1824âˆ”1834 (2017)]. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 504-508.	1.1	9
47	Positional encoding in cotton-top tamarins ( <i>Saguinus oedipus</i> ). <i>Animal Cognition</i> , 2019, 22, 825-838.	1.8	9
48	Why Do Durations in Musical Rhythms Conform to Small Integer Ratios?. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 86.	2.1	8
49	Vocal learning, prosody, and basal ganglia: Don't underestimate their complexity. <i>Behavioral and Brain Sciences</i> , 2014, 37, 570-571.	0.7	7
50	Preliminary Experiments on Human Sensitivity to Rhythmic Structure in a Grammar with Recursive Self-Similarity. <i>Frontiers in Neuroscience</i> , 2016, 10, 281.	2.8	7
51	Joint origins of speech and music: testing evolutionary hypotheses on modern humans. <i>Semiotica</i> , 2021, 2021, 169-176.	0.5	7
52	Isochrony, vocal learning, and the acquisition of rhythm and melody. <i>Behavioral and Brain Sciences</i> , 2021, 44, e88.	0.7	6
53	Humans and other musical animals. <i>Current Biology</i> , 2019, 29, R271-R273.	3.9	5
54	Linking the genomic signatures of human beat synchronization and learned song in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200329.	4.0	5

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55	THE PSYCHOLOGY OF BIOLOGICAL CLOCKS: A NEW FRAMEWORK FOR THE EVOLUTION OF RHYTHM. , 2014, , .		4
56	Which Melodic Universals Emerge from Repeated Signaling Games? A Note on Lumaca and Baggio (2017). <i>Artificial Life</i> , 2018, 24, 149-153.	1.3	4
57	Perceptual Tuning Influences Rule Generalization: Testing Humans With Monkey-Tailored Stimuli. <i>i-Perception</i> , 2019, 10, 204166951984613.	1.4	4
58	Neuroanatomy of the grey seal brain: bringing pinnipeds into the neurobiological study of vocal learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200252.	4.0	4
59	Modelling Animal Interactive Rhythms in Communication. <i>Evolutionary Bioinformatics</i> , 2019, 15, 117693431882355.	1.2	3
60	Breathing, voice, and synchronized movement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23223-23224.	7.1	3
61	Interactive rhythms in the wild, in the brain, and in silico.. <i>Canadian Journal of Experimental Psychology</i> , 2020, 74, 170-175.	0.8	3
62	Rhythmic Recursion? Human Sensitivity to a Lindenmayer Grammar with Self-similar Structure in a Musical Task. <i>Music &amp; Science</i> , 2020, 3, 205920432094661.	1.0	2
63	Strange Seal Sounds: Claps, Slaps, and Multimodal Pinniped Rhythms. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	2
64	A cross-species framework to identify vocal learning abilities in mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200394.	4.0	2
65	Measuring teaching through hormones and time series analysis: Towards a comparative framework. <i>Behavioral and Brain Sciences</i> , 2015, 38, e58.	0.7	1
66	Noam Chomsky , What kind of creatures are we? New York, NY: Columbia University Press, 2015. Pp. 200. Hb. \$19.95.. <i>Language in Society</i> , 2017, 46, 446-447.	0.5	1
67	Singing seals imitate human speech. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	1
68	Rhythm and Music in Animal Signals. , 2019, , 615-622.		1
69	Vocal tract allometry in a mammalian vocal learner. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	1
70	Understanding mammals, hands-on. <i>Journal of Mammalogy</i> , 2019, 100, 1695-1696.	1.3	0
71	Evolving Musicality. <i>Trends in Ecology and Evolution</i> , 2019, 34, 583-584.	8.7	0
72	Everything you always wanted to know about sexual selection in 129 pages. <i>Journal of Mammalogy</i> , 2019, 100, 2004-2005.	1.3	0

#	ARTICLE	IF	CITATIONS
73	Can harbor seals ( <i>Phoca vitulina</i> ) discriminate familiar conspecific calls after long periods of separation?. PeerJ, 2021, 9, e12431.	2.0	0