Asif A Ghazanfar

List of Publications by Year
in descending order

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104 papers	10,384 citations	44042 48 h-index	43868 91 g-index
117 all docs	117 docs citations	117 times ranked	7859 citing authors

#	Article	IF	Citations
1	Arousal elevation drives the development of oscillatory vocal output. Journal of Neurophysiology, 2022, 127, 1519-1531.	0.9	0
2	Evolving alternative neural pathways for vocal dexterity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
3	A mechanism for punctuating equilibria during mammalian vocal development. PLoS Computational Biology, 2022, 18, e1010173.	1.5	3
4	Cooperative care and the evolution of the prelinguistic vocal learning. Developmental Psychobiology, 2021, 63, 1583-1588.	0.9	8
5	Domestication Phenotype Linked to Vocal Behavior in Marmoset Monkeys. Current Biology, 2020, 30, 5026-5032.e3.	1.8	24
6	A Hierarchy of Autonomous Systems for Vocal Production. Trends in Neurosciences, 2020, 43, 115-126.	4.2	43
7	The Life of Behavior. Neuron, 2019, 104, 25-36.	3.8	129
8	Vocal state change through laryngeal development. Nature Communications, 2019, 10, 4592.	5.8	36
9	Volition and learning in primate vocal behaviour. Animal Behaviour, 2019, 151, 239-247.	0.8	31
10	Vocal and locomotor coordination develops in association with the autonomic nervous system. ELife, 2019, 8, .	2.8	15
11	Knowledgeable Lemurs Become More Central in Social Networks. Current Biology, 2018, 28, 1306-1310.e2.	1.8	63
12	Ephemeral connections for reaching and grasping. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1143-1144.	3.3	0
13	Internal states and extrinsic factors both determine monkey vocal production. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3978-3983.	3.3	64
14	Consistent individual variation across interaction networks indicates social personalities in lemurs. Animal Behaviour, 2018, 136, 217-226.	0.8	26
15	Constraints and flexibility during vocal development: insights from marmoset monkeys. Current Opinion in Behavioral Sciences, 2018, 21, 27-32.	2.0	12
16	Vocal development through morphological computation. PLoS Biology, 2018, 16, e2003933.	2.6	29
17	Neuroscience Needs Behavior: Correcting a Reductionist Bias. Neuron, 2017, 93, 480-490.	3.8	953
18	Vocal Learning via Social Reinforcement by Infant Marmoset Monkeys. Current Biology, 2017, 27, 1844-1852.e6.	1.8	114

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19	Response to Lieberman on â€œMonkey vocal tracts are speech-readyâ€• Science Advances, 2017, 3, e1701859.	4.7	8
20	Vocal development in a Waddington landscape. ELife, 2017, 6, .	2.8	23
21	Monkey vocal tracts are speech-ready. Science Advances, 2016, 2, e1600723.	4.7	172
22	Perinatally Influenced Autonomic System Fluctuations Drive Infant Vocal Sequences. Current Biology, 2016, 26, 1249-1260.	1.8	43
23	Early development of turn-taking with parents shapes vocal acoustics in infant marmoset monkeys. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150370.	1.8	100
24	The autonomic nervous system is the engine for vocal development through social feedback. Current Opinion in Neurobiology, 2016, 40, 155-160.	2.0	64
25	Arousal dynamics drive vocal production in marmoset monkeys. Journal of Neurophysiology, 2016, 116, 753-764.	0.9	58
26	Cooperative vocal control in marmoset monkeys via vocal feedback. Journal of Neurophysiology, 2015, 114, 274-283.	0.9	78
27	Lemurs groom-at-a-distance through vocal networks. Animal Behaviour, 2015, 110, 179-186.	0.8	51
28	Convergent Evolution of Vocal Cooperation without Convergent Evolution of Brain Size. Brain, Behavior and Evolution, 2014, 84, 93-102.	0.9	33
29	Individual recognition through olfactoryâ€"auditory matching in lemurs. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140071.	1.2	39
30	Vocal communication is multi-sensorimotor coordination within and between individuals. Behavioral and Brain Sciences, 2014, 37, 572-573.	0.4	0
31	Facial Expressions and the Evolution of the Speech Rhythm. Journal of Cognitive Neuroscience, 2014, 26, 1196-1207.	1.1	56
32	The evolution of speech: vision, rhythm, cooperation. Trends in Cognitive Sciences, 2014, 18, 543-553.	4.0	90
33	Developmental Neuroscience: How Twitches Make Sense. Current Biology, 2014, 24, R971-R972.	1.8	35
34	The neurobiology of primate vocal communication. Current Opinion in Neurobiology, 2014, 28, 128-135.	2.0	25
35	Coupled Oscillator Dynamics of Vocal Turn-Taking in Monkeys. Current Biology, 2013, 23, 2162-2168.	1.8	262
36	Development of self-monitoring essential for vocal interactions in marmoset monkeys. , 2013, , .		6

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37	Monkeys are perceptually tuned to facial expressions that exhibit a theta-like speech rhythm. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1959-1963.	3.3	78
38	Multisensory vocal communication in primates and the evolution of rhythmic speech. Behavioral Ecology and Sociobiology, 2013, 67, 1441-1448.	0.6	82
39	Dynamic faces speed up the onset of auditory cortical spiking responses during vocal detection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4668-77.	3.3	49
40	Multisensory Recognition in Vertebrates (Especially Primates). , 2013, , 3-27.		4
41	The Influence of Vision on Auditory Communication in Primates. Springer Handbook of Auditory Research, 2013, , 193-213.	0.3	0
42	Facial Muscle Coordination in Monkeys during Rhythmic Facial Expressions and Ingestive Movements. Journal of Neuroscience, 2012, 32, 6105-6116.	1.7	46
43	Neural correlates of perceptual narrowing in crossâ€species faceâ€voice matching. Developmental Science, 2012, 15, 830-839.	1.3	15
44	A computational model for vocal exchange dynamics and their development in marmoset monkeys. , 2012, , .		6
45	Brain-to-brain coupling: a mechanism for creating and sharing a social world. Trends in Cognitive Sciences, 2012, 16, 114-121.	4.0	841
46	Cineradiography of Monkey Lip-Smacking Reveals Putative Precursors of Speech Dynamics. Current Biology, 2012, 22, 1176-1182.	1.8	179
47	Monkey lipsmacking develops like the human speech rhythm. Developmental Science, 2012, 15, 557-568.	1.3	79
48	The development of the uncanny valley in infants. Developmental Psychobiology, 2012, 54, 124-132.	0.9	57
49	Paradoxical psychological functioning in early child development. , 2011, , 110-129.		4
50	Statistical learning of social signals and its implications for the social brain hypothesis. Interaction Studies, 2011, 12, 397-417.	0.4	5
51	Eye-gaze and arrow cues influence elementary sound perception. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1997-2004.	1.2	8
52	When what you see is not what you hear. Nature Neuroscience, 2011, 14, 675-676.	7.1	5
53	Monkeys and Humans Share a Common Computation for Face/Voice Integration. PLoS Computational Biology, 2011, 7, e1002165.	1.5	46
54	Unity of the Senses for Primate Vocal Communication. Frontiers in Neuroscience, 2011, , 653-666.	0.0	0

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55	Unity of the Senses for Primate Vocal Communication. Frontiers in Neuroscience, 2011, , 653-666.	0.0	0
56	On the relationship between lateralized brain function and orienting asymmetries.. Behavioral Neuroscience, 2010, 124, 437-445.	0.6	25
57	Multisensory Integration: Vision Boosts Information through Suppression in Auditory Cortex. Current Biology, 2010, 20, R22-R23.	1.8	11
58	Auditory Neuroscience: Recalibration of Space Perception Requires Cortical Feedback. Current Biology, 2010, 20, R282-R284.	1.8	0
59	Human-Monkey Gaze Correlations Reveal Convergent and Divergent Patterns of Movie Viewing. Current Biology, 2010, 20, 649-656.	1.8	116
60	Dynamic, rhythmic facial expressions and the superior temporal sulcus of macaque monkeys: implications for the evolution of audiovisual speech. European Journal of Neuroscience, 2010, 31, 1807-1817.	1.2	66
61	The Influence of Natural Scene Dynamics on Auditory Cortical Activity. Journal of Neuroscience, 2010, 30, 13919-13931.	1.7	35
62	The Default Mode of Primate Vocal Communication and Its Neural Correlates. , 2010, , 139-153.		4
63	The Primate Frontal and Temporal Lobes and Their Role in Multisensory Vocal Communication. , 2010, , 500-524.		2
64	Heterochrony and Cross-Species Intersensory Matching by Infant Vervet Monkeys. PLoS ONE, 2009, 4, e4302.	1.1	33
65	Monkey visual behavior falls into the uncanny valley. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18362-18366.	3.3	123
66	The Natural Statistics of Audiovisual Speech. PLoS Computational Biology, 2009, 5, e1000436.	1.5	512
67	The emergence of multisensory systems through perceptual narrowing. Trends in Cognitive Sciences, 2009, 13, 470-478.	4.0	238
68	The multisensory roles for auditory cortex in primate vocal communication. Hearing Research, 2009, 258, 113-120.	0.9	29
69	Different Neural Frequency Bands Integrate Faces and Voices Differently in the Superior Temporal Sulcus. Journal of Neurophysiology, 2009, 101, 773-788.	0.9	83
70	Rhesus monkeys (Macaca mulatta) hear rising frequency sounds as looming.. Behavioral Neuroscience, 2009, 123, 822-827.	0.6	20
71	The embodied nature of primate communication: some phylogenetic, ontogenetic & neurobiological evidence. FASEB Journal, 2009, 23, 185.4.	0.2	0
72	Language evolution: neural differences that make a difference. Nature Neuroscience, 2008, 11, 382-384.	7.1	29

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73	Evolution of human vocal production. Current Biology, 2008, 18, R457-R460.	1.8	112
74	Integration of Bimodal Looming Signals through Neuronal Coherence in the Temporal Lobe. Current Biology, 2008, 18, 963-968.	1.8	112
75	Speech Production: How Does a Word Feel?. Current Biology, 2008, 18, R1142-R1144.	1.8	5
76	Interactions between the Superior Temporal Sulcus and Auditory Cortex Mediate Dynamic Face/Voice Integration in Rhesus Monkeys. Journal of Neuroscience, 2008, 28, 4457-4469.	1.7	210
77	Facilitation of multisensory integration by the "unity effect" reveals that speech is special. Journal of Vision, 2008, 8, 14-14.	0.1	67
78	-specific responses to faces and objects in primate auditory cortex. Frontiers in Systems Neuroscience, 2008, 1, 2.	1.2	14
79	The Ontogeny and Phylogeny of Bimodal Primate Vocal Communication. , 2008, , 85-110.		1
80	Looming Biases in Monkey Auditory Cortex. Journal of Neuroscience, 2007, 27, 4093-4100.	1.7	84
81	Paving the Way Forward: Integrating the Senses through Phase-Resetting of Cortical Oscillations. Neuron, 2007, 53, 162-164.	3.8	21
82	Vocal-Tract Resonances as Indexical Cues in Rhesus Monkeys. Current Biology, 2007, 17, 425-430.	1.8	289
83	Speech Perception: Linking Comprehension across a Cortical Network. Current Biology, 2007, 17, R420-R422.	1.8	0
84	Is neocortex essentially multisensory?. Trends in Cognitive Sciences, 2006, 10, 278-285.	4.0	1,236
85	Eye movements of monkey observers viewing vocalizing conspecifics. Cognition, 2006, 101, 515-529.	1.1	60
86	Language Evolution: Loquacious Monkey Brains?. Current Biology, 2006, 16, R879-R881.	1.8	12
87	The decline of cross-species intersensory perception in human infants. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6771-6774.	3.3	138
88	Monkeys Match the Number of Voices They Hear to the Number of Faces They See. Current Biology, 2005, 15, 1034-1038.	1.8	159
89	Multisensory Integration of Dynamic Faces and Voices in Rhesus Monkey Auditory Cortex. Journal of Neuroscience, 2005, 25, 5004-5012.	1.7	497
90	Primate brains in the wild: the sensory bases for social interactions. Nature Reviews Neuroscience, 2004, 5, 603-616.	4.9	162

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91	Multisensory Integration of Looming Signals by Rhesus Monkeys. Neuron, 2004, 43, 177-181.	3.8	143
92	Facial expressions linked to monkey calls. Nature, 2003, 423, 937-938.	13.7	236
93	Nonlinear partial differential equations and applications: Auditory looming perception in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15755-15757.	3.3	118
94	Temporal cues in the antiphonal long-calling behaviour of cottontop tamarins. Animal Behaviour, 2002, 64, 427-438.	0.8	53
95	Role of cortical feedback in the receptive field structure and nonlinear response properties of somatosensory thalamic neurons. Experimental Brain Research, 2001, 141, 88-100.	0.7	62
96	The units of perception in the antiphonal calling behavior of cotton-top tamarins (Saguinus oedipus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Neural, and Behavioral Physiology, 2001, 187, 27-35.	0.7	61
97	The auditory behaviour of primates: a neuroethological perspective. Current Opinion in Neurobiology, 2001, 11, 712-720.	2.0	65
98	The Role of Temporal Cues in Rhesus Monkey Vocal Recognition: Orienting Asymmetries to Reversed Calls. Brain, Behavior and Evolution, 2001, 58, 163-172.	0.9	65
99	Encoding of Tactile Stimulus Location by Somatosensory Thalamocortical Ensembles. Journal of Neuroscience, 2000, 20, 3761-3775.	1.7	115
100	The Effects of Estradiol on Gonadotropin-Releasing Hormone Neurons in the Developing Mouse Brain. General and Comparative Endocrinology, 1998, 112, 356-363.	0.8	11
101	Simultaneous encoding of tactile information by three primate cortical areas. Nature Neuroscience, 1998, 1, 621-630.	7.1	187
102	Reconstructing the Engram: Simultaneous, Multisite, Many Single Neuron Recordings. Neuron, 1997, 18, 529-537.	3.8	372
103	Hebb's Dream: The Resurgence of Cell Assemblies. Neuron, 1997, 19, 219-221.	3.8	80
104	Nonlinear Processing of Tactile Information in the Thalamocortical Loop. Journal of Neurophysiology, 1997, 78, 506-510.	0.9	88