

Asif A Ghazanfar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

8,238
citations

46
h-index

90
g-index

117
ext. papers

9,501
ext. citations

7.6
avg, IF

6.53
L-index

#	Paper	IF	Citations
100	Is neocortex essentially multisensory?. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 278-85	14	1026
99	Brain-to-brain coupling: a mechanism for creating and sharing a social world. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 114-21	14	635
98	Neuroscience Needs Behavior: Correcting a Reductionist Bias. <i>Neuron</i> , 2017 , 93, 480-490	13.9	581
97	Multisensory integration of dynamic faces and voices in rhesus monkey auditory cortex. <i>Journal of Neuroscience</i> , 2005 , 25, 5004-12	6.6	452
96	The natural statistics of audiovisual speech. <i>PLoS Computational Biology</i> , 2009 , 5, e1000436	5	364
95	Reconstructing the engram: simultaneous, multisite, many single neuron recordings. <i>Neuron</i> , 1997 , 18, 529-37	13.9	333
94	Vocal-tract resonances as indexical cues in rhesus monkeys. <i>Current Biology</i> , 2007 , 17, 425-30	6.3	249
93	Coupled oscillator dynamics of vocal turn-taking in monkeys. <i>Current Biology</i> , 2013 , 23, 2162-8	6.3	207
92	The emergence of multisensory systems through perceptual narrowing. <i>Trends in Cognitive Sciences</i> , 2009 , 13, 470-8	14	200
91	Interactions between the superior temporal sulcus and auditory cortex mediate dynamic face/voice integration in rhesus monkeys. <i>Journal of Neuroscience</i> , 2008 , 28, 4457-69	6.6	197
90	Neuroperception: facial expressions linked to monkey calls. <i>Nature</i> , 2003 , 423, 937-8	50.4	183
89	Cineradiography of monkey lip-smacking reveals putative precursors of speech dynamics. <i>Current Biology</i> , 2012 , 22, 1176-82	6.3	169
88	Simultaneous encoding of tactile information by three primate cortical areas. <i>Nature Neuroscience</i> , 1998 , 1, 621-30	25.5	161
87	Monkeys match the number of voices they hear to the number of faces they see. <i>Current Biology</i> , 2005 , 15, 1034-8	6.3	151
86	Multisensory integration of looming signals by rhesus monkeys. <i>Neuron</i> , 2004 , 43, 177-81	13.9	134
85	Primate brains in the wild: the sensory bases for social interactions. <i>Nature Reviews Neuroscience</i> , 2004 , 5, 603-16	13.5	129
84	The decline of cross-species intersensory perception in human infants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6771-4	11.5	123

83	Monkey vocal tracts are speech-ready. <i>Science Advances</i> , 2016 , 2, e1600723	14.3	116
82	Auditory looming perception in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15755-7	11.5	102
81	Integration of bimodal looming signals through neuronal coherence in the temporal lobe. <i>Current Biology</i> , 2008 , 18, 963-8	6.3	101
80	Encoding of tactile stimulus location by somatosensory thalamocortical ensembles. <i>Journal of Neuroscience</i> , 2000 , 20, 3761-75	6.6	97
79	Monkey visual behavior falls into the uncanny valley. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 18362-6	11.5	94
78	Human-monkey gaze correlations reveal convergent and divergent patterns of movie viewing. <i>Current Biology</i> , 2010 , 20, 649-56	6.3	94
77	Evolution of human vocal production. <i>Current Biology</i> , 2008 , 18, R457-60	6.3	92
76	Nonlinear processing of tactile information in the thalamocortical loop. <i>Journal of Neurophysiology</i> , 1997 , 78, 506-10	3.2	81
75	Different neural frequency bands integrate faces and voices differently in the superior temporal sulcus. <i>Journal of Neurophysiology</i> , 2009 , 101, 773-88	3.2	77
74	Looming biases in monkey auditory cortex. <i>Journal of Neuroscience</i> , 2007 , 27, 4093-100	6.6	76
73	Vocal Learning via Social Reinforcement by Infant Marmoset Monkeys. <i>Current Biology</i> , 2017 , 27, 1844-1852.e672	11.5	72
72	Early development of turn-taking with parents shapes vocal acoustics in infant marmoset monkeys. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	72
71	The evolution of speech: vision, rhythm, cooperation. <i>Trends in Cognitive Sciences</i> , 2014 , 18, 543-53	14	71
70	Monkeys are perceptually tuned to facial expressions that exhibit a theta-like speech rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1959-63	11.5	71
69	Monkey lipsmacking develops like the human speech rhythm. <i>Developmental Science</i> , 2012 , 15, 557-68	4.5	67
68	Multisensory vocal communication in primates and the evolution of rhythmic speech. <i>Behavioral Ecology and Sociobiology</i> , 2013 , 67, 1441	2.5	64
67	Dynamic, rhythmic facial expressions and the superior temporal sulcus of macaque monkeys: implications for the evolution of audiovisual speech. <i>European Journal of Neuroscience</i> , 2010 , 31, 1807-17	7.5	64
66	Hebb's dream: the resurgence of cell assemblies. <i>Neuron</i> , 1997 , 19, 219-21	13.9	63

65	The Life of Behavior. <i>Neuron</i> , 2019 , 104, 25-36	13.9	60
64	The autonomic nervous system is the engine for vocal development through social feedback. <i>Current Opinion in Neurobiology</i> , 2016 , 40, 155-160	7.6	59
63	Cooperative vocal control in marmoset monkeys via vocal feedback. <i>Journal of Neurophysiology</i> , 2015 , 114, 274-83	3.2	58
62	Facilitation of multisensory integration by the "unity effect" reveals that speech is special. <i>Journal of Vision</i> , 2008 , 8, 14.1-11	0.4	58
61	Eye movements of monkey observers viewing vocalizing conspecifics. <i>Cognition</i> , 2006 , 101, 515-29	3.5	57
60	Role of cortical feedback in the receptive field structure and nonlinear response properties of somatosensory thalamic neurons. <i>Experimental Brain Research</i> , 2001 , 141, 88-100	2.3	57
59	The role of temporal cues in rhesus monkey vocal recognition: orienting asymmetries to reversed calls. <i>Brain, Behavior and Evolution</i> , 2001 , 58, 163-72	1.5	57
58	The units of perception in the antiphonal calling behavior of cotton-top tamarins (<i>Saguinus oedipus</i>): playback experiments with long calls. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001 , 187, 27-35	2.3	53
57	The auditory behaviour of primates: a neuroethological perspective. <i>Current Opinion in Neurobiology</i> , 2001 , 11, 712-20	7.6	50
56	Facial expressions and the evolution of the speech rhythm. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 1196-207	3.1	47
55	Temporal cues in the antiphonal long-calling behaviour of cottontop tamarins. <i>Animal Behaviour</i> , 2002 , 64, 427-438	2.8	47
54	The development of the uncanny valley in infants. <i>Developmental Psychobiology</i> , 2012 , 54, 124-32	3	44
53	Arousal dynamics drive vocal production in marmoset monkeys. <i>Journal of Neurophysiology</i> , 2016 , 116, 753-64	3.2	43
52	Monkeys and humans share a common computation for face/voice integration. <i>PLoS Computational Biology</i> , 2011 , 7, e1002165	5	43
51	Knowledgeable Lemurs Become More Central in Social Networks. <i>Current Biology</i> , 2018 , 28, 1306-1310. 62.3	6.3	42
50	Facial muscle coordination in monkeys during rhythmic facial expressions and ingestive movements. <i>Journal of Neuroscience</i> , 2012 , 32, 6105-16	6.6	40
49	Lemurs groom-at-a-distance through vocal networks. <i>Animal Behaviour</i> , 2015 , 110, 179-186	2.8	38
48	Dynamic faces speed up the onset of auditory cortical spiking responses during vocal detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4668-77	11.5	35

47	Perinataly Influenced Autonomic System Fluctuations Drive Infant Vocal Sequences. <i>Current Biology</i> , 2016 , 26, 1249-60	6.3	33
46	Individual recognition through olfactory-auditory matching in lemurs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140071	4.4	32
45	Heterochrony and cross-species intersensory matching by infant vervet monkeys. <i>PLoS ONE</i> , 2009 , 4, e4302	3.7	32
44	Internal states and extrinsic factors both determine monkey vocal production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3978-3983	11.5	31
43	Developmental neuroscience: how twitches make sense. <i>Current Biology</i> , 2014 , 24, R971-2	6.3	31
42	The influence of natural scene dynamics on auditory cortical activity. <i>Journal of Neuroscience</i> , 2010 , 30, 13919-31	6.6	31
41	Convergent evolution of vocal cooperation without convergent evolution of brain size. <i>Brain, Behavior and Evolution</i> , 2014 , 84, 93-102	1.5	30
40	Consistent individual variation across interaction networks indicates social personalities in lemurs. <i>Animal Behaviour</i> , 2018 , 136, 217-226	2.8	22
39	The multisensory roles for auditory cortex in primate vocal communication. <i>Hearing Research</i> , 2009 , 258, 113-20	3.9	21
38	On the relationship between lateralized brain function and orienting asymmetries. <i>Behavioral Neuroscience</i> , 2010 , 124, 437-45	2.1	21
37	Paving the way forward: integrating the senses through phase-resetting of cortical oscillations. <i>Neuron</i> , 2007 , 53, 162-4	13.9	21
36	The neurobiology of primate vocal communication. <i>Current Opinion in Neurobiology</i> , 2014 , 28, 128-35	7.6	19
35	Volution and learning in primate vocal behaviour. <i>Animal Behaviour</i> , 2019 , 151, 239-247	2.8	19
34	Vocal development through morphological computation. <i>PLoS Biology</i> , 2018 , 16, e2003933	9.7	18
33	Rhesus monkeys (<i>Macaca mulatta</i>) hear rising frequency sounds as looming. <i>Behavioral Neuroscience</i> , 2009 , 123, 822-7	2.1	17
32	A Hierarchy of Autonomous Systems for Vocal Production. <i>Trends in Neurosciences</i> , 2020 , 43, 115-126	13.3	16
31	Vocal state change through laryngeal development. <i>Nature Communications</i> , 2019 , 10, 4592	17.4	15
30	Vocal development in a Waddington landscape. <i>ELife</i> , 2017 , 6,	8.9	15

29	Category-specific responses to faces and objects in primate auditory cortex. <i>Frontiers in Systems Neuroscience</i> , 2007 , 1, 2	3.5	12
28	Neural correlates of perceptual narrowing in cross-species face-voice matching. <i>Developmental Science</i> , 2012 , 15, 830-9	4.5	11
27	Language evolution: loquacious monkey brains?. <i>Current Biology</i> , 2006 , 16, R879-81	6.3	11
26	Multisensory integration: vision boosts information through suppression in auditory cortex. <i>Current Biology</i> , 2010 , 20, R22-3	6.3	10
25	The effects of estradiol on gonadotropin-releasing hormone neurons in the developing mouse brain. <i>General and Comparative Endocrinology</i> , 1998 , 112, 356-63	3	10
24	Eye-gaze and arrow cues influence elementary sound perception. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 1997-2004	4.4	8
23	Vocal and locomotor coordination develops in association with the autonomic nervous system. <i>ELife</i> , 2019 , 8,	8.9	8
22	Constraints and flexibility during vocal development: Insights from marmoset monkeys. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 21, 27-32	4	8
21	Response to Lieberman on "Monkey vocal tracts are speech-ready". <i>Science Advances</i> , 2017 , 3, e1701859	14.3	7
20	Domestication Phenotype Linked to Vocal Behavior in Marmoset Monkeys. <i>Current Biology</i> , 2020 , 30, 5026-5032.e3	6.3	6
19	A computational model for vocal exchange dynamics and their development in marmoset monkeys 2012 ,		5
18	Statistical learning of social signals and its implications for the social brain hypothesis. <i>Interaction Studies</i> , 2011 , 12, 397-417	1.3	5
17	Development of self-monitoring essential for vocal interactions in marmoset monkeys 2013 ,		4
16	Speech production: how does a word feel?. <i>Current Biology</i> , 2008 , 18, R1142-4	6.3	3
15	The Default Mode of Primate Vocal Communication and Its Neural Correlates 2010 , 139-153		3
14	Multisensory Recognition in Vertebrates (Especially Primates) 2013 , 3-27		3
13	Paradoxical psychological functioning in early child development	110-129	2
12	The Primate Frontal and Temporal Lobes and Their Role in Multisensory Vocal Communication 2010 , 500-524		2

11	Active neural coordination of motor behaviors with internal states	2
10	The Ontogeny and Phylogeny of Bimodal Primate Vocal Communication 2008 , 85-110	1
9	Cooperative care and the evolution of the prelinguistic vocal learning. <i>Developmental Psychobiology</i> , 2021 , 63, 1583-1588	3 1
8	Ephemeral connections for reaching and grasping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1143-1144	11.5
7	Vocal communication is multi-sensorimotor coordination within and between individuals. <i>Behavioral and Brain Sciences</i> , 2014 , 37, 572-3; discussion 577-604	0.9
6	Auditory neuroscience: recalibration of space perception requires cortical feedback. <i>Current Biology</i> , 2010 , 20, R282-4	6.3
5	Speech perception: linking comprehension across a cortical network. <i>Current Biology</i> , 2007 , 17, R420-2	6.3
4	The embodied nature of primate communication: some phylogenetic, ontogenetic & neurobiological evidence. <i>FASEB Journal</i> , 2009 , 23, 185.4	0.9
3	Unity of the Senses for Primate Vocal Communication. <i>Frontiers in Neuroscience</i> , 2011 , 653-666	
2	Unity of the Senses for Primate Vocal Communication. <i>Frontiers in Neuroscience</i> , 2011 , 653-666	
1	The Influence of Vision on Auditory Communication in Primates. <i>Springer Handbook of Auditory Research</i> , 2013 , 193-213	1.2