Asif A Ghazanfar

List of Publications by Year in Descending Order

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	Cooperative care and the evolution of the prelinguistic vocal learning. *Developmental Psychobiology* , **2021**, 63, 1583-1588	3	1
99	A Hierarchy of Autonomous Systems for Vocal Production. *Trends in Neurosciences*, **2020**, 43, 115-126	13.3	16
98	Domestication Phenotype Linked to Vocal Behavior in Marmoset Monkeys. *Current Biology*, **2020**, 30, 5026-5032.e3	6.3	6
97	The Life of Behavior. *Neuron*, **2019**, 104, 25-36	13.9	60
96	Vocal state change through laryngeal development. *Nature Communications*, **2019**, 10, 4592	17.4	15
95	Vocal and locomotor coordination develops in association with the autonomic nervous system. *ELife*, **2019**, 8,	8.9	8
94	Volition and learning in primate vocal behaviour. *Animal Behaviour*, **2019**, 151, 239-247	2.8	19
93	Knowledgeable Lemurs Become More Central in Social Networks. *Current Biology*, **2018**, 28, 1306-1310.e2	6.3	42
92	Ephemeral connections for reaching and grasping. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 1143-1144	11.5	
91	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	11.5	31
90	Vocal development through morphological computation. *PLoS Biology*, **2018**, 16, e2003933	9.7	18
89	Consistent individual variation across interaction networks indicates social personalities in lemurs. *Animal Behaviour*, **2018**, 136, 217-226	2.8	22
88	Constraints and flexibility during vocal development: Insights from marmoset monkeys. *Current Opinion in Behavioral Sciences*, **2018**, 21, 27-32	4	8
87	Neuroscience Needs Behavior: Correcting a Reductionist Bias. *Neuron*, **2017**, 93, 480-490	13.9	581
86	Vocal Learning via Social Reinforcement by Infant Marmoset Monkeys. *Current Biology*, **2017**, 27, 1844-1852.e6	6.3	72
85	Response to Lieberman on "Monkey vocal tracts are speech-ready". *Science Advances*, **2017**, 3, e1701859	14.3	7
84	Vocal development in a Waddington landscape. *ELife*, **2017**, 6,	8.9	15

83	The autonomic nervous system is the engine for vocal development through social feedback. *Current Opinion in Neurobiology*, **2016**, 40, 155-160	7.6	59
82	Arousal dynamics drive vocal production in marmoset monkeys. *Journal of Neurophysiology*, **2016**, 116, 753-64	3.2	43
81	Monkey vocal tracts are speech-ready. *Science Advances*, **2016**, 2, e1600723	14.3	116
80	Perinatally Influenced Autonomic System Fluctuations Drive Infant Vocal Sequences. *Current Biology*, **2016**, 26, 1249-60	6.3	33
79	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,	5.8	72
78	Lemurs groom-at-a-distance through vocal networks. *Animal Behaviour*, **2015**, 110, 179-186	2.8	38
77	Cooperative vocal control in marmoset monkeys via vocal feedback. *Journal of Neurophysiology*, **2015**, 114, 274-83	3.2	58
76	The evolution of speech: vision, rhythm, cooperation. *Trends in Cognitive Sciences*, **2014**, 18, 543-53	14	71
75	Developmental neuroscience: how twitches make sense. *Current Biology*, **2014**, 24, R971-2	6.3	31
74	The neurobiology of primate vocal communication. *Current Opinion in Neurobiology*, **2014**, 28, 128-35	7.6	19
73	Convergent evolution of vocal cooperation without convergent evolution of brain size. *Brain, Behavior and Evolution*, **2014**, 84, 93-102	1.5	30
72	Individual recognition through olfactory-auditory matching in lemurs. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20140071	4.4	32
71	Vocal communication is multi-sensorimotor coordination within and between individuals. *Behavioral and Brain Sciences*, **2014**, 37, 572-3; discussion 577-604	0.9	
70	Facial expressions and the evolution of the speech rhythm. *Journal of Cognitive Neuroscience*, **2014**, 26, 1196-207	3.1	47
69	Coupled oscillator dynamics of vocal turn-taking in monkeys. *Current Biology*, **2013**, 23, 2162-8	6.3	207
68	Development of self-monitoring essential for vocal interactions in marmoset monkeys **2013**,		4
67	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, 1959-63	11.5	71
66	Multisensory vocal communication in primates and the evolution of rhythmic speech. *Behavioral Ecology and Sociobiology*, **2013**, 67, 1441	2.5	64

65	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	11.5	35
64	The Influence of Vision on Auditory Communication in Primates. *Springer Handbook of Auditory Research*, **2013**, 193-213	1.2	
63	Multisensory Recognition in Vertebrates (Especially Primates) **2013**, 3-27		3
62	Monkey lipsmacking develops like the human speech rhythm. *Developmental Science*, **2012**, 15, 557-68	4.5	67
61	The development of the uncanny valley in infants. *Developmental Psychobiology*, **2012**, 54, 124-32	3	44
60	Neural correlates of perceptual narrowing in cross-species face-voice matching. *Developmental Science*, **2012**, 15, 830-9	4.5	11
59	A computational model for vocal exchange dynamics and their development in marmoset monkeys **2012**,		5
58	Brain-to-brain coupling: a mechanism for creating and sharing a social world. *Trends in Cognitive Sciences*, **2012**, 16, 114-21	14	635
57	Cineradiography of monkey lip-smacking reveals putative precursors of speech dynamics. *Current Biology*, **2012**, 22, 1176-82	6.3	169
56	Facial muscle coordination in monkeys during rhythmic facial expressions and ingestive movements. *Journal of Neuroscience*, **2012**, 32, 6105-16	6.6	40
55	Statistical learning of social signals and its implications for the social brain hypothesis. *Interaction Studies*, **2011**, 12, 397-417	1.3	5
54	Eye-gaze and arrow cues influence elementary sound perception. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 1997-2004	4.4	8
53	Monkeys and humans share a common computation for face/voice integration. *PLoS Computational Biology*, **2011**, 7, e1002165	5	43
52	Unity of the Senses for Primate Vocal Communication. *Frontiers in Neuroscience*, **2011**, 653-666		
51	Unity of the Senses for Primate Vocal Communication. *Frontiers in Neuroscience*, **2011**, 653-666		
50	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, 1807-17	3.5	64
49	The influence of natural scene dynamics on auditory cortical activity. *Journal of Neuroscience*, **2010**, 30, 13919-31	6.6	31
48	On the relationship between lateralized brain function and orienting asymmetries. *Behavioral Neuroscience*, **2010**, 124, 437-45	2.1	21

47	Multisensory integration: vision boosts information through suppression in auditory cortex. *Current Biology*, **2010**, 20, R22-3	6.3	10
46	Auditory neuroscience: recalibration of space perception requires cortical feedback. *Current Biology* , **2010**, 20, R282-4	6.3	
45	Human-monkey gaze correlations reveal convergent and divergent patterns of movie viewing. *Current Biology*, **2010**, 20, 649-56	6.3	94
44	The Primate Frontal and Temporal Lobes and Their Role in Multisensory Vocal Communication **2010** , 500-524		2
43	The Default Mode of Primate Vocal Communication and Its Neural Correlates **2010**, 139-153		3
42	Heterochrony and cross-species intersensory matching by infant vervet monkeys. *PLoS ONE*, **2009**, 4, e4302	3.7	32
41	Monkey visual behavior falls into the uncanny valley. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 18362-6	11.5	94
40	The natural statistics of audiovisual speech. *PLoS Computational Biology*, **2009**, 5, e1000436	5	364
39	The emergence of multisensory systems through perceptual narrowing. *Trends in Cognitive Sciences* , **2009**, 13, 470-8	14	200
38	The multisensory roles for auditory cortex in primate vocal communication. *Hearing Research*, **2009**, 258, 113-20	3.9	21
37	Different neural frequency bands integrate faces and voices differently in the superior temporal sulcus. *Journal of Neurophysiology*, **2009**, 101, 773-88	3.2	77
36	Rhesus monkeys (Macaca mulatta) hear rising frequency sounds as looming. *Behavioral Neuroscience*, **2009**, 123, 822-7	2.1	17
35	The embodied nature of primate communication: some phylogenetic, ontogenetic & neurobiological evidence. *FASEB Journal*, **2009**, 23, 185.4	0.9	
34	Evolution of human vocal production. *Current Biology*, **2008**, 18, R457-60	6.3	92
33	Integration of bimodal looming signals through neuronal coherence in the temporal lobe. *Current Biology*, **2008**, 18, 963-8	6.3	101
32	Speech production: how does a word feel?. *Current Biology*, **2008**, 18, R1142-4	6.3	3
31	Interactions between the superior temporal sulcus and auditory cortex mediate dynamic face/voice integration in rhesus monkeys. *Journal of Neuroscience*, **2008**, 28, 4457-69	6.6	197
30	Facilitation of multisensory integration by the "unity effect" reveals that speech is special. *Journal of Vision*, **2008**, 8, 14.1-11	0.4	58

29	The Ontogeny and Phylogeny of Bimodal Primate Vocal Communication **2008**, 85-110		1
28	Category-specific responses to faces and objects in primate auditory cortex. *Frontiers in Systems Neuroscience*, **2007**, 1, 2	3.5	12
27	Vocal-tract resonances as indexical cues in rhesus monkeys. *Current Biology*, **2007**, 17, 425-30	6.3	249
26	Speech perception: linking comprehension across a cortical network. *Current Biology*, **2007**, 17, R420-2	6.3	
25	Looming biases in monkey auditory cortex. *Journal of Neuroscience*, **2007**, 27, 4093-100	6.6	76
24	Paving the way forward: integrating the senses through phase-resetting of cortical oscillations. *Neuron*, **2007**, 53, 162-4	13.9	21
23	Eye movements of monkey observers viewing vocalizing conspecifics. *Cognition*, **2006**, 101, 515-29	3.5	57
22	Language evolution: loquacious monkey brains?. *Current Biology*, **2006**, 16, R879-81	6.3	11
21	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, 6771-4	11.5	123
20	Is neocortex essentially multisensory?. *Trends in Cognitive Sciences*, **2006**, 10, 278-85	14	1026
19	Monkeys match the number of voices they hear to the number of faces they see. *Current Biology*, **2005**, 15, 1034-8	6.3	151
18	Multisensory integration of dynamic faces and voices in rhesus monkey auditory cortex. *Journal of Neuroscience*, **2005**, 25, 5004-12	6.6	452
17	Primate brains in the wild: the sensory bases for social interactions. *Nature Reviews Neuroscience*, **2004**, 5, 603-16	13.5	129
16	Multisensory integration of looming signals by rhesus monkeys. *Neuron*, **2004**, 43, 177-81	13.9	134
15	Neuroperception: facial expressions linked to monkey calls. *Nature*, **2003**, 423, 937-8	50.4	183
14	Temporal cues in the antiphonal long-calling behaviour of cottontop tamarins. *Animal Behaviour*, **2002**, 64, 427-438	2.8	47
13	Auditory looming perception in rhesus monkeys. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 15755-7	11.5	102
12	Role of cortical feedback in the receptive field structure and nonlinear response properties of somatosensory thalamic neurons. *Experimental Brain Research*, **2001**, 141, 88-100	2.3	57

11	The units of perception in the antiphonal calling behavior of cotton-top tamarins (Saguinus oedipus): playback experiments with long calls. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, **2001**, 187, 27-35	2.3	53
10	The auditory behaviour of primates: a neuroethological perspective. *Current Opinion in Neurobiology*, **2001**, 11, 712-20	7.6	50
9	The role of temporal cues in rhesus monkey vocal recognition: orienting asymmetries to reversed calls. *Brain, Behavior and Evolution*, **2001**, 58, 163-72	1.5	57
8	Encoding of tactile stimulus location by somatosensory thalamocortical ensembles. *Journal of Neuroscience*, **2000**, 20, 3761-75	6.6	97
7	The effects of estradiol on gonadotropin-releasing hormone neurons in the developing mouse brain. *General and Comparative Endocrinology*, **1998**, 112, 356-63	3	10
6	Simultaneous encoding of tactile information by three primate cortical areas. *Nature Neuroscience*, **1998**, 1, 621-30	25.5	161
5	Reconstructing the engram: simultaneous, multisite, many single neuron recordings. *Neuron*, **1997**, 18, 529-37	13.9	333
4	Hebb‰ dream: the resurgence of cell assemblies. *Neuron*, **1997**, 19, 219-21	13.9	63
3	Nonlinear processing of tactile information in the thalamocortical loop. *Journal of Neurophysiology*, **1997**, 78, 506-10	3.2	81
2	Paradoxical psychological functioning in early child development110-129		2
1	Active neural coordination of motor behaviors with internal states		2