

FoxP2 Expression in Avian Vocal Learners and Non-Learners

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Positive selection on the human genome. <i>Human Molecular Genetics</i> , 2004, 13, R245-R254.	1.4	215
2	Human brain evolution: insights from microarrays. <i>Nature Reviews Genetics</i> , 2004, 5, 850-860.	7.7	185
3	Genetic Components of Vocal Learning. <i>Annals of the New York Academy of Sciences</i> , 2004, 1016, 325-347.	1.8	32
4	Parallel FoxP1 and FoxP2 Expression in Songbird and Human Brain Predicts Functional Interaction. <i>Journal of Neuroscience</i> , 2004, 24, 3152-3163.	1.7	327
5	The DNA behind human nature: gene expression and the role of experience. <i>Daedalus</i> , 2004, 133, 89-98.	0.9	1
6	FOXP2 and the neuroanatomy of speech and language. <i>Nature Reviews Neuroscience</i> , 2005, 6, 131-138.	4.9	472
7	Avian brains and a new understanding of vertebrate brain evolution. <i>Nature Reviews Neuroscience</i> , 2005, 6, 151-159.	4.9	930
8	Sociogenomics: social life in molecular terms. <i>Nature Reviews Genetics</i> , 2005, 6, 257-270.	7.7	398
9	The evolution of the language faculty: Clarifications and implications. <i>Cognition</i> , 2005, 97, 179-210.	1.1	593
10	Transcriptional control of cognitive development. <i>Current Opinion in Neurobiology</i> , 2005, 15, 21-28.	2.0	99
11	An evolutionary perspective on FoxP2: strictly for the birds?. <i>Current Opinion in Neurobiology</i> , 2005, 15, 694-703.	2.0	122
12	Cloning and expression analysis of retinoic acid receptors in the zebra finch brain. <i>Journal of Comparative Neurology</i> , 2005, 489, 23-41.	0.9	13
13	Molecular cloning and developmental expression of foxP2 in zebrafish. <i>Developmental Dynamics</i> , 2005, 234, 740-746.	0.8	55
14	Organization and evolution of the avian forebrain. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 287A, 1080-1102.	2.0	183
15	Ultrasonic Songs of Male Mice. <i>PLoS Biology</i> , 2005, 3, e386.	2.6	534
16	FoxP2 in Song-Learning Birds and Vocal-Learning Mammals. <i>Journal of Heredity</i> , 2005, 96, 212-216.	1.0	57
17	Foxp3 interacts with nuclear factor of activated T cells and NF- κ B to repress cytokine gene expression and effector functions of T helper cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5138-5143.	3.3	480
18	Altered ultrasonic vocalization in mice with a disruption in the Foxp2 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9643-9648.	3.3	389

#	ARTICLE	IF	CITATIONS
19	Variable rate of singing and variable song duration are associated with high immediate early gene expression in two anterior forebrain song nuclei. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10724-10729.	3.3	28
20	Identification of FOXP2 Truncation as a Novel Cause of Developmental Speech and Language Deficits. <i>American Journal of Human Genetics</i> , 2005, 76, 1074-1080.	2.6	438
21	Candidate genes for behavioural ecology. <i>Trends in Ecology and Evolution</i> , 2005, 20, 96-104.	4.2	214
22	Evolution at Two Levels: On Genes and Form. <i>PLoS Biology</i> , 2005, 3, e245.	2.6	740
23	Functional genetic analysis of mutations implicated in a human speech and language disorder. <i>Human Molecular Genetics</i> , 2006, 15, 3154-3167.	1.4	159
24	Sexual dimorphism in song-induced ZENK expression in the medial striatum of juvenile zebra finches. <i>Neuroscience Letters</i> , 2006, 401, 86-91.	1.0	12
25	Selective scenarios for the emergence of natural language. <i>Trends in Ecology and Evolution</i> , 2006, 21, 555-561.	4.2	89
26	Expression of FoxP2 during zebrafish development and in the adult brain. <i>International Journal of Developmental Biology</i> , 2006, 50, 435-438.	0.3	29
27	Ethology into a new era. <i>Ethology</i> , 2006, 112, 1-6.	0.5	6
28	The eloquent ape: genes, brains and the evolution of language. <i>Nature Reviews Genetics</i> , 2006, 7, 9-20.	7.7	265
29	The tortuous route from genes to behavior: A neuroconstructivist approach. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2006, 6, 9-17.	1.0	84
30	The FoxP subclass in <i>Xenopus laevis</i> development. <i>Development Genes and Evolution</i> , 2006, 216, 641-646.	0.4	20
31	Animals can vary signal amplitude with receiver distance: evidence from zebra finch song. <i>Animal Behaviour</i> , 2006, 72, 699-705.	0.8	80
32	The biology and evolution of music: A comparative perspective. <i>Cognition</i> , 2006, 100, 173-215.	1.1	536
33	Cognitive developmental biology: History, process and fortune's wheel. <i>Cognition</i> , 2006, 101, 298-332.	1.1	23
34	Broca's arrow: Evolution, prediction, and language in the brain. <i>The Anatomical Record Part B: the New Anatomist</i> , 2006, 289B, 9-24.	1.3	35
35	Speech, Prosody, and Voice Characteristics of a Mother and Daughter With a 7;13 Translocation Affecting FOXP2. <i>Journal of Speech, Language, and Hearing Research</i> , 2006, 49, 500-525.	0.7	129
36	Singing Mice, Songbirds, and More: Models for FOXP2 Function and Dysfunction in Human Speech and Language. <i>Journal of Neuroscience</i> , 2006, 26, 10376-10379.	1.7	82

#	ARTICLE	IF	CITATIONS
37	Ontogeny, Genetics, and Evolution: A Perspective from Developmental Cognitive Neuroscience. <i>Biological Theory</i> , 2006, 1, 44-51.	0.8	8
38	Transgenic and Knockout Models of Neuropsychiatric Disorders. <i>Contemporary Clinical Neuroscience</i> , 2006, , .	0.3	2
39	Human brain evolution. <i>Progress in Brain Research</i> , 2006, 158, 295-309.	0.9	7
40	The Medaka FoxP2, a Homologue of Human Language Gene FOXP2, has a Diverged Structure and Function. <i>Journal of Biochemistry</i> , 2007, 143, 407-416.	0.9	13
41	The Evolution of Human Speech. <i>Current Anthropology</i> , 2007, 48, 39-66.	0.8	275
42	Molecular Windows into Speech and Language Disorders. <i>Folia Phoniatrica Et Logopaedica</i> , 2007, 59, 130-140.	0.5	16
43	Incomplete and Inaccurate Vocal Imitation after Knockdown of FoxP2 in Songbird Basal Ganglia Nucleus Area X. <i>PLoS Biology</i> , 2007, 5, e321.	2.6	365
44	The Evolution of Vocal Learning Systems in Birds. , 2007, , 205-212.		0
45	Emergence of Communication and Language. , 2007, , .		18
46	Avian Neuroanatomy Revisited: From Clinical Principles to Avian Cognition. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , 2007, 10, 775-802.	0.4	19
47	The Evolution of Language Systems in the Human Brain. , 2007, , 529-547.		15
48	Recruitment of FoxP2-expressing neurons to area X varies during song development. <i>Developmental Neurobiology</i> , 2007, 67, 809-817.	1.5	47
49	Generation of mice with a conditional <i>Foxp2</i> null allele. <i>Genesis</i> , 2007, 45, 440-446.	0.8	84
50	Enriched expression and developmental regulation of the middle-weight neurofilament (NF-m) gene in song control nuclei of the zebra finch. <i>Journal of Comparative Neurology</i> , 2007, 500, 477-497.	0.9	15
51	FnTm2, a novel brain-specific transcript, is dynamically expressed in the song learning circuit of the zebra finch. <i>Journal of Comparative Neurology</i> , 2007, 504, 127-148.	0.9	9
52	Language evolution and an emergent property. <i>Current Opinion in Neurobiology</i> , 2007, 17, 271-276.	2.0	32
53	Provisional evidence that the arginine vasopressin 1a receptor gene is associated with musical memory. <i>Evolution and Human Behavior</i> , 2007, 28, 313-318.	1.4	40
54	Molecular cloning, characterization, and developmental expression of foxp1 in zebrafish. <i>Development Genes and Evolution</i> , 2007, 217, 699-707.	0.4	14

#	ARTICLE	IF	CITATIONS
55	Domain-specific regulation of foxP2 CNS expression by lef1. BMC Developmental Biology, 2008, 8, 103.	2.1	55
57	Expression analysis of the <i>FoxP</i> homologue in the brain of the honeybee, <i>Apis mellifera</i> . Insect Molecular Biology, 2008, 17, 53-60.	1.0	16
58	Motor Learning: The FoxP2 Puzzle Piece. Current Biology, 2008, 18, R335-R337.	1.8	14
59	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
60	Cerebellar contributions to speech production and speech perception: psycholinguistic and neurobiological perspectives. Trends in Neurosciences, 2008, 31, 265-272.	4.2	237
61	Genetic basis of human brain evolution. Trends in Neurosciences, 2008, 31, 637-644.	4.2	88
62	Preclinical Animal Models of Autistic Spectrum Disorders (ASD). , 2008, , 353-394.		3
63	A Bilingualistic Agenda. Science, 2008, 322, 1057-1059.	6.0	19
64	Ultrasonic vocalization impairment of Foxp2 (R552H) knockin mice related to speech-language disorder and abnormality of Purkinje cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3117-3122.	3.3	214
65	Birdsong Decreases Protein Levels of FoxP2, a Molecule Required for Human Speech. Journal of Neurophysiology, 2008, 100, 2015-2025.	0.9	110
66	Spekulationen zum Anfang von Sprache. Zeitschrift für Sprachwissenschaft, 2008, 27, 229-265.	0.2	2
67	Molecular Mapping of Movement-Associated Areas in the Avian Brain: A Motor Theory for Vocal Learning Origin. PLoS ONE, 2008, 3, e1768.	1.1	246
68	The Codes of Life. Biosemiotics Bookseries, 2008, , .	0.3	22
69	Genes, Brains, and Language: An Epistemological Examination of how Genes can Underlie Human Cognitive Behavior. Review of General Psychology, 2008, 12, 170-180.	2.1	8
71	Differential Gene Expression in the Developing Lateral Geniculate Nucleus and Medial Geniculate Nucleus Reveals Novel Roles for Zic4 and Foxp2 in Visual and Auditory Pathway Development. Journal of Neuroscience, 2009, 29, 13672-13683.	1.7	48
72	Assessing visual requirements for social context-dependent activation of the songbird song system. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 279-289.	1.2	14
73	Nucleotide Variation, Linkage Disequilibrium and Founder-Facilitated Speciation in Wild Populations of the Zebra Finch (<i>Taeniopygia guttata</i>). Genetics, 2009, 181, 645-660.	1.2	91
74	FOXP2 as a molecular window into speech and language. Trends in Genetics, 2009, 25, 166-177.	2.9	476

#	ARTICLE	IF	CITATIONS
75	Conservation and diversity of Foxp2 expression in muroid rodents: Functional implications. <i>Journal of Comparative Neurology</i> , 2009, 512, 84-100.	0.9	92
76	Conservation and expression of IQ domain-containing calpacitin gene products (neuromodulin/GAP43). <i>Trends in Neurobiology</i> , 2009, 69, 124-140.	1.5	13
77	Late postnatal cannabinoid exposure persistently increases FoxP2 expression within zebra finch striatum. <i>Developmental Neurobiology</i> , 2010, 70, 195-203.	1.5	12
78	Assessing the impact of FOXP1 mutations on developmental verbal dyspraxia. <i>European Journal of Human Genetics</i> , 2009, 17, 1354-1358.	1.4	39
79	Evolution and diversity in avian vocal system: An EvoDevo model from the morphological and behavioral perspectives. <i>Development Growth and Differentiation</i> , 2009, 51, 355-367.	0.6	18
80	Neural bases of individual differences in beat perception. <i>NeuroImage</i> , 2009, 47, 1894-1903.	2.1	191
81	Birdsong: From behaviour to brain. <i>Biologia (Poland)</i> , 2010, 65, 379-387.	0.8	3
82	Genes and vocal learning. <i>Brain and Language</i> , 2010, 115, 21-28.	0.8	28
83	Neurobiology of vocal communication: mechanisms for sensorimotor integration and vocal patterning. <i>Current Opinion in Neurobiology</i> , 2010, 20, 748-753.	2.0	37
84	Twitter evolution: converging mechanisms in birdsong and human speech. <i>Nature Reviews Neuroscience</i> , 2010, 11, 747-759.	4.9	412
85	Knockdown of FoxP2 alters spine density in Area X of the zebra finch. <i>Genes, Brain and Behavior</i> , 2010, 9, 732-740.	1.1	84
87	Song Practice Promotes Acute Vocal Variability at a Key Stage of Sensorimotor Learning. <i>PLoS ONE</i> , 2010, 5, e8592.	1.1	35
88	Devo-darwinismo : lo que el lenguaje nos enseña sobre el papel del desarrollo en la evolución natural. <i>Endoxa</i> , 2010, 1, 247.	0.1	0
89	The Songbird as a Model for the Generation and Learning of Complex Sequential Behaviors. <i>ILAR Journal</i> , 2010, 51, 362-377.	1.8	117
90	Striatal FoxP2 Is Actively Regulated during Songbird Sensorimotor Learning. <i>PLoS ONE</i> , 2010, 5, e8548.	1.1	71
91	A LECTURE BY THE RETURNING CHAIR OF AUSTRALIAN STUDIES, HARVARD UNIVERSITY 2008-09. <i>Journal of Australian Studies</i> , 2010, 34, 377-398.	0.4	11
92	The neurobiology of Zebra Finch song: insights from gene expression studies. <i>Emu</i> , 2010, 110, 219-232.	0.2	11
93	Human Evolution. , 2010, , 529-555.		0

#	ARTICLE	IF	CITATIONS
94	Characterization of grass carp (<i>Ctenopharyngodon idellus</i>) Foxp1a/1b/2: Evidence for their involvement in the activation of peripheral blood lymphocyte subpopulations. <i>Fish and Shellfish Immunology</i> , 2010, 28, 289-295.	1.6	21
95	Social Cognition and the Evolution of Language: Constructing Cognitive Phylogenies. <i>Neuron</i> , 2010, 65, 795-814.	3.8	263
96	Alpha-synuclein deficiency affects brain Foxp1 expression and ultrasonic vocalization. <i>Neuroscience</i> , 2010, 166, 785-795.	1.1	19
97	Multiple Trajectories to Human Language Acquisition: Domain-Specific or Domain-General?. <i>Human Development</i> , 2010, 53, 239-244.	1.2	3
98	Recent advances in the genetics of language impairment. <i>Genome Medicine</i> , 2010, 2, 6.	3.6	76
99	Discrimination of sea-bird sounds vs. garden-bird songs: Do Scottish and German-Saxon infants show the same preferential looking behaviour as adults?. <i>European Journal of Developmental Psychology</i> , 2010, 7, 578-602.	1.0	10
100	The Parental Antagonism Theory of Language Evolution: Preliminary Evidence for the Proposal. <i>Human Biology</i> , 2011, 83, 213-245.	0.4	12
101	L'Émergence de la parole: Aspects historiques et Épigénétiques d'une nouvelle articulation. <i>Faits De Langues</i> , 2011, 37, 15-67.	0.2	1
102	The Evolution of Syntax: An Exaptationist Perspective. <i>Frontiers in Evolutionary Neuroscience</i> , 2011, 3, 9.	3.7	52
103	Comparative analysis of mineralocorticoid receptor expression among vocal learners (Bengalese) of avian vocal learning. <i>Development Growth and Differentiation</i> , 2011, 53, 961-970.	0.6	13
104	Thinking outside the cortex: social motivation in the evolution and development of language. <i>Developmental Science</i> , 2011, 14, 417-430.	1.3	63
105	Ultrasonic vocalizations in mouse models for speech and socio-cognitive disorders: insights into the evolution of vocal communication. <i>Genes, Brain and Behavior</i> , 2011, 10, 17-27.	1.1	160
106	FOXP2 and the role of cortico-basal ganglia circuits in speech and language evolution. <i>Current Opinion in Neurobiology</i> , 2011, 21, 415-424.	2.0	172
107	Could egg rejection behaviour be transmitted by social learning?. <i>Animal Behaviour</i> , 2011, 81, e1-e6.	0.8	17
108	Late-postnatal cannabinoid exposure persistently elevates dendritic spine densities in area X and HVC song regions of zebra finch telencephalon. <i>Brain Research</i> , 2011, 1405, 23-30.	1.1	13
109	The avian subpallium: New insights into structural and functional subdivisions occupying the lateral subpallial wall and their embryological origins. <i>Brain Research</i> , 2011, 1424, 67-101.	1.1	77
110	Evo-devo, deep homology and FoxP2: implications for the evolution of speech and language. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2124-2140.	1.8	102
111	Developmental disorders of speech and language. <i>Progress in Brain Research</i> , 2011, 189, 225-238.	0.9	41

#	ARTICLE	IF	CITATIONS
113	Foxp2 Regulates Gene Networks Implicated in Neurite Outgrowth in the Developing Brain. PLoS Genetics, 2011, 7, e1002145.	1.5	256
114	Alternative Splicing and Gene Duplication in the Evolution of the FoxP Gene Subfamily. Molecular Biology and Evolution, 2011, 28, 237-247.	3.5	59
115	Quantification of developmental birdsong learning from the subsyllabic scale to cultural evolution. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15572-15579.	3.3	45
116	An aetiological Foxp2 mutation causes aberrant striatal activity and alters plasticity during skill learning. Molecular Psychiatry, 2012, 17, 1077-1085.	4.1	122
117	Genetic Variants of <i>FOXP2</i> and <i>KIAA0319/TTRAP/THEM2</i> Locus Are Associated with Altered Brain Activation in Distinct Language-Related Regions. Journal of Neuroscience, 2012, 32, 817-825.	1.7	179
118	What is comparable in comparative cognition?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2677-2685.	1.8	75
119	Gestures, Vocalizations, and Memory in Language Origins. Frontiers in Evolutionary Neuroscience, 2012, 4, 2.	3.7	52
120	Radioactive <i>in situ</i> Hybridization for Detecting Diverse Gene Expression Patterns in Tissue. Journal of Visualized Experiments, 2012, , .	0.2	19
121	Integration of the genetic, anatomical and archaeological data for the African origin of modern humans: problems and prospects. , 0, , 423-448.		0
122	Human brain evolution: From gene discovery to phenotype discovery. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10709-10716.	3.3	73
123	A Bird's Eye View of Human Language Evolution. Frontiers in Evolutionary Neuroscience, 2012, 4, 5.	3.7	59
124	Genetic correlates of the evolving primate brain. Progress in Brain Research, 2012, 195, 27-44.	0.9	5
125	Organization of the gymnotiform fish pallium in relation to learning and memory: IV. Expression of conserved transcription factors and implications for the evolution of dorsal telencephalon. Journal of Comparative Neurology, 2012, 520, 3395-3413.	0.9	48
126	Convergent Differential Regulation of Parvalbumin in the Brains of Vocal Learners. PLoS ONE, 2012, 7, e29457.	1.1	45
127	Specialized Motor-Driven <i>dusp1</i> Expression in the Song Systems of Multiple Lineages of Vocal Learning Birds. PLoS ONE, 2012, 7, e42173.	1.1	41
128	The Role of the FOXP Family of Transcription Factors in ASD. Disease Markers, 2012, 33, 251-260.	0.6	86
131	ASD-relevant Animal Models of the Foxp Family of Transcription Factors. Autism-open Access, 2012, 01, .	0.2	4
132	Hybrid error correction and de novo assembly of single-molecule sequencing reads. Nature Biotechnology, 2012, 30, 693-700.	9.4	946

#	ARTICLE	IF	CITATIONS
133	The mate choice brain: comparing gene profiles between female choice and male coercive poeciliids. <i>Genes, Brain and Behavior</i> , 2012, 11, 222-229.	1.1	38
134	FoxP2 expression in the cerebellum and inferior olive: Development of the transverse stripe-shaped expression pattern in the mouse cerebellar cortex. <i>Journal of Comparative Neurology</i> , 2012, 520, 656-677.	0.9	41
135	Translating Birdsong: Songbirds as a Model for Basic and Applied Medical Research. <i>Annual Review of Neuroscience</i> , 2013, 36, 489-517.	5.0	194
136	Methods in Neuroethological Research. , 2013, , .		1
137	The Language Phenomenon. <i>The Frontiers Collection</i> , 2013, , .	0.1	6
138	Molecular profiling of the developing avian telencephalon: Regional timing and brain subdivision continuities. <i>Journal of Comparative Neurology</i> , 2013, 521, 3666-3701.	0.9	73
139	Global view of the functional molecular organization of the avian cerebrum: Mirror images and functional columns. <i>Journal of Comparative Neurology</i> , 2013, 521, 3614-3665.	0.9	207
140	The Genomics of Memory and Learning in Songbirds. <i>Annual Review of Genomics and Human Genetics</i> , 2013, 14, 45-65.	2.5	40
141	Differential androgen receptor expression and DNA methylation state in striatum song nucleus Area X between wild and domesticated songbird strains. <i>European Journal of Neuroscience</i> , 2013, 38, 2600-2610.	1.2	22
142	Diminished FoxP2 Levels Affect Dopaminergic Modulation of Corticostriatal Signaling Important to Song Variability. <i>Neuron</i> , 2013, 80, 1464-1476.	3.8	112
143	Challenging the use of adult neuropsychological models for explaining neurodevelopmental disorders: Developed versus developing brains. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 1-14.	0.6	30
144	Neurogenomics of speech and language disorders: the road ahead. <i>Genome Biology</i> , 2013, 14, 204.	13.9	28
145	Calbindin expression in developing striatum of zebra finches and its relation to the formation of area X. <i>Journal of Comparative Neurology</i> , 2013, 521, 326-341.	0.9	18
146	Neurogenetics of birdsong. <i>Current Opinion in Neurobiology</i> , 2013, 23, 29-36.	2.0	28
147	Suppression and Epigenetic Regulation of MiR-9 contributes to Ethanol Teratology: Evidence from Zebrafish and Murine Fetal Neural Stem Cell Models. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1657-1667.	1.4	57
148	Insight from bird brains for neuroscientists. <i>Journal of Physiology (Paris)</i> , 2013, 107, 153-155.	2.1	0
149	Mouse vocal communication system: Are ultrasounds learned or innate?. <i>Brain and Language</i> , 2013, 124, 96-116.	0.8	207
150	Language in Nature: On the Evolutionary Roots of a Cultural Phenomenon. <i>The Frontiers Collection</i> , 2013, , 163-189.	0.1	3

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151	Genes: Interactions with Language on Three Levelsâ€”Inter-Individual Variation, Historical Correlations and Genetic Biasing. <i>The Frontiers Collection</i> , 2013, , 139-161.	0.1	3
152	FOXP2. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2013, 4, 547-560.	1.4	30
153	Detecting Neural Activity-Dependent Immediate Early Gene Expression in the Brain. , 2013, , 133-149.		1
154	miR-9 and miR-140-5p Target <i>FoxP2</i> and Are Regulated as a Function of the Social Context of Singing Behavior in Zebra Finches. <i>Journal of Neuroscience</i> , 2013, 33, 16510-16521.	1.7	44
155	Expression analysis of the speech-related genes <i>FoxP1</i> and <i>FoxP2</i> and their relation to singing behavior in two songbird species. <i>Journal of Experimental Biology</i> , 2013, 216, 3682-3692.	0.8	37
156	<i>FoxP2</i> and olfaction: Divergence of <i>FoxP2</i> expression in olfactory tubercle between different feeding habit bats. <i>Acta Biologica Hungarica</i> , 2013, 64, 426-437.	0.7	3
157	Differences in number and distribution of striatal calbindin medium spiny neurons between a vocal-learner (<i>Melospittacus undulatus</i>) and a non-vocal learner bird (<i>Colinus virginianus</i>). <i>Frontiers in Neuroanatomy</i> , 2013, 7, 46.	0.9	11
158	Young and intense: <i>FoxP2</i> immunoreactivity in Area X varies with age, song stereotypy, and singing in male zebra finches. <i>Frontiers in Neural Circuits</i> , 2013, 7, 24.	1.4	35
159	Globularity and language-readiness: generating new predictions by expanding the set of genes of interest. <i>Frontiers in Psychology</i> , 2014, 5, 1324.	1.1	72
160	A review of brain circuitries involved in stuttering. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 884.	1.0	83
161	Shrinkage of X cells in the lateral geniculate nucleus after monocular deprivation revealed by <i>FoxP2</i> labeling. <i>Visual Neuroscience</i> , 2014, 31, 253-261.	0.5	12
162	Effects of Nicotine Administration on Spectral and Temporal Features of Crystallized Song in the Adult Male Zebra Finch. <i>Nicotine and Tobacco Research</i> , 2014, 16, 1409-1416.	1.4	0
163	Vocal production learning in bats. <i>Current Opinion in Neurobiology</i> , 2014, 28, 80-85.	2.0	106
164	Vocal motor changes beyond the sensitive period for song plasticity. <i>Journal of Neurophysiology</i> , 2014, 112, 2040-2052.	0.9	27
165	Convergent transcriptional specializations in the brains of humans and song-learning birds. <i>Science</i> , 2014, 346, 1256846.	6.0	379
166	Core and region-enriched networks of behaviorally regulated genes and the singing genome. <i>Science</i> , 2014, 346, 1256780.	6.0	97
167	Does it talk the talk? On the role of basal ganglia in emotive speech processing. <i>Behavioral and Brain Sciences</i> , 2014, 37, 556-557.	0.4	2
168	The basal ganglia within a cognitive system in birds and mammals. <i>Behavioral and Brain Sciences</i> , 2014, 37, 568-569.	0.4	6

#	ARTICLE	IF	CITATIONS
169	The sensorimotor and social sides of the architecture of speech. Behavioral and Brain Sciences, 2014, 37, 569-570.	0.4	33
170	Speech, vocal production learning, and the comparative method. Behavioral and Brain Sciences, 2014, 37, 566-567.	0.4	1
171	The sound of one hand clapping: Overdetermination and the pansensory nature of communication. Behavioral and Brain Sciences, 2014, 37, 546-547.	0.4	0
172	The evolution of coordinated vocalizations before language. Behavioral and Brain Sciences, 2014, 37, 549-550.	0.4	6
173	Why we can talk, debate, and change our minds: Neural circuits, basal ganglia operations, and transcriptional factors. Behavioral and Brain Sciences, 2014, 37, 561-562.	0.4	2
174	Functional neuroimaging of human vocalizations and affective speech. Behavioral and Brain Sciences, 2014, 37, 554-555.	0.4	9
175	Speech prosody, reward, and the corticobulbar system: An integrative perspective. Behavioral and Brain Sciences, 2014, 37, 573-574.	0.4	1
176	Brain mechanisms of acoustic communication in humans and nonhuman primates: An evolutionary perspective. Behavioral and Brain Sciences, 2014, 37, 529-546.	0.4	173
177	Beyond cry and laugh: Toward a multilevel model of language production. Behavioral and Brain Sciences, 2014, 37, 548-549.	0.4	3
178	Early human communication helps in understanding language evolution. Behavioral and Brain Sciences, 2014, 37, 560-561.	0.4	3
179	Comparative analyses of speech and language converge on birds. Behavioral and Brain Sciences, 2014, 37, 547-548.	0.4	4
180	Very young infants' responses to human and nonhuman primate vocalizations. Behavioral and Brain Sciences, 2014, 37, 553-554.	0.4	1
181	Vocal learning, prosody, and basal ganglia: Don't underestimate their complexity. Behavioral and Brain Sciences, 2014, 37, 570-571.	0.4	7
182	Physical mechanisms may be as important as brain mechanisms in evolution of speech. Behavioral and Brain Sciences, 2014, 37, 552-553.	0.4	5
183	Environments organize the verbal brain. Behavioral and Brain Sciences, 2014, 37, 550-551.	0.4	1
184	Why vocal production of atypical sounds in apes and its cerebral correlates have a lot to say about the origin of language. Behavioral and Brain Sciences, 2014, 37, 565-566.	0.4	3
185	En route to disentangle the impact and neurobiological substrates of early vocalizations: Learning from Rett syndrome. Behavioral and Brain Sciences, 2014, 37, 562-563.	0.4	7
186	Perceptual elements in brain mechanisms of acoustic communication in humans and nonhuman primates. Behavioral and Brain Sciences, 2014, 37, 571-572.	0.4	1

#	ARTICLE	IF	CITATIONS
187	Differences in auditory timing between human and nonhuman primates. Behavioral and Brain Sciences, 2014, 37, 557-558.	0.4	32
188	Vocal communication is multi-sensorimotor coordination within and between individuals. Behavioral and Brain Sciences, 2014, 37, 572-573.	0.4	0
189	Evolution of affective and linguistic disambiguation under social eavesdropping pressures. Behavioral and Brain Sciences, 2014, 37, 551-552.	0.4	7
190	Neanderthals did speak, but FOXP2 doesn't prove it. Behavioral and Brain Sciences, 2014, 37, 558-559.	0.4	2
191	Voluntary and involuntary processes affect the production of verbal and non-verbal signals by the human voice. Behavioral and Brain Sciences, 2014, 37, 564-565.	0.4	7
192	Contribution of the basal ganglia to spoken language: Is speech production like the other motor skills?. Behavioral and Brain Sciences, 2014, 37, 576-576.	0.4	14
193	Phonation takes precedence over articulation in development as well as evolution of language. Behavioral and Brain Sciences, 2014, 37, 567-568.	0.4	3
194	Functions of the cortico-basal ganglia circuits for spoken language may extend beyond emotional-affective modulation in adults. Behavioral and Brain Sciences, 2014, 37, 555-556.	0.4	1
195	Modification of spectral features by nonhuman primates. Behavioral and Brain Sciences, 2014, 37, 574-576.	0.4	5
196	Phylogenetic reorganization of the basal ganglia: A necessary, but not the only, bridge over a primate Rubicon of acoustic communication. Behavioral and Brain Sciences, 2014, 37, 577-604.	0.4	18
197	Speech as a breakthrough signaling resource in the cognitive evolution of biological complex adaptive systems. Behavioral and Brain Sciences, 2014, 37, 563-564.	0.4	2
198	The forgotten role of consonant-like calls in theories of speech evolution. Behavioral and Brain Sciences, 2014, 37, 559-560.	0.4	12
199	Genomics: moving behavioural ecology beyond the phenotypic gambit. Animal Behaviour, 2014, 92, 263-270.	0.8	47
200	Assessing behavioural and cognitive domains of autism spectrum disorders in rodents: current status and future perspectives. Psychopharmacology, 2014, 231, 1125-1146.	1.5	111
201	Human speech- and reading-related genes display partially overlapping expression patterns in the marmoset brain. Brain and Language, 2014, 133, 26-38.	0.8	34
202	Biocommunication of Animals. , 2014, , .		25
203	FoxP2 in songbirds. Current Opinion in Neurobiology, 2014, 28, 86-93.	2.0	39
204	Sexually dimorphic perineuronal net expression in the songbird. Basal Ganglia, 2014, 3, 229-237.	0.3	18

#	ARTICLE	IF	CITATIONS
205	Conserved role of <i>Drosophila melanogaster</i> FoxP in motor coordination and courtship song. <i>Behavioural Brain Research</i> , 2014, 268, 213-221.	1.2	33
206	Shining a light on CNTNAP2: complex functions to complex disorders. <i>European Journal of Human Genetics</i> , 2014, 22, 171-178.	1.4	219
207	Dissection and Downstream Analysis of Zebra Finch Embryos at Early Stages of Development. <i>Journal of Visualized Experiments</i> , 2014, , e51596.	0.2	0
208	Effects of sex and seasonality on the song control system and FoxP2 protein expression in black-capped chickadees (<i>Parus atricapillus</i>). <i>Developmental Neurobiology</i> , 2015, 75, 203-216.	1.5	5
209	Songbird: a unique animal model for studying the molecular basis of disorders of vocal development and communication. <i>Experimental Animals</i> , 2015, 64, 221-230.	0.7	8
210	Compartmentalization of the chick cerebellar cortex based on the link between the striped expression pattern of aldolase C and the topographic olivocerebellar projection. <i>Journal of Comparative Neurology</i> , 2015, 523, 1886-1912.	0.9	14
211	Network analysis of microRNA and mRNA seasonal dynamics in a highly plastic sensorimotor neural circuit. <i>BMC Genomics</i> , 2015, 16, 905.	1.2	15
212	It is an organ, it is new, but it is not a new organ. Conceptualizing language from a homological perspective. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	14
213	Characterizing neutral genomic diversity and selection signatures in indigenous populations of Moroccan goats (<i>Capra hircus</i>) using WGS data. <i>Frontiers in Genetics</i> , 2015, 6, 107.	1.1	108
214	Core and Shell Song Systems Unique to the Parrot Brain. <i>PLoS ONE</i> , 2015, 10, e0118496.	1.1	57
215	Can a bird brain do phonology?. <i>Frontiers in Psychology</i> , 2015, 6, 1082.	1.1	9
216	CNTNAP2 Is Significantly Associated With Speech Sound Disorder in the Chinese Han Population. <i>Journal of Child Neurology</i> , 2015, 30, 1806-1811.	0.7	9
217	Insights into the Genetic Foundations of Human Communication. <i>Neuropsychology Review</i> , 2015, 25, 3-26.	2.5	33
218	Behavior-Linked FoxP2 Regulation Enables Zebra Finch Vocal Learning. <i>Journal of Neuroscience</i> , 2015, 35, 2885-2894.	1.7	52
219	Differential FoxP2 and FoxP1 expression in a vocal learning nucleus of the developing budgerigar. <i>Developmental Neurobiology</i> , 2015, 75, 778-790.	1.5	14
220	Neural FoxP2 and FoxP1 expression in the budgerigar, an avian species with adult vocal learning. <i>Behavioural Brain Research</i> , 2015, 283, 22-29.	1.2	11
221	Differential coexpression of FoxP1, FoxP2, and FoxP4 in the Zebra Finch (<i>Taeniopygia guttata</i>) song system. <i>Journal of Comparative Neurology</i> , 2015, 523, 1318-1340.	0.9	36
222	The perception of regularity in an isochronous stimulus in zebra finches (<i>Taeniopygia guttata</i>) and humans. <i>Behavioural Processes</i> , 2015, 115, 37-45.	0.5	23

#	ARTICLE	IF	CITATIONS
223	The effect of music performance on the transcriptome of professional musicians. <i>Scientific Reports</i> , 2015, 5, 9506.	1.6	38
224	Asymmetry of the Brain: Development and Implications. <i>Annual Review of Genetics</i> , 2015, 49, 647-672.	3.2	153
225	Animal Creativity. , 2015, , 213-237.		1
226	Exposure to a novel stimulus environment alters patterns of lateralization in avian auditory cortex. <i>Neuroscience</i> , 2015, 285, 107-118.	1.1	20
227	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. <i>Molecular Psychiatry</i> , 2015, 20, 263-274.	4.1	57
228	A Molecular Genetic Perspective on Speech and Language. , 2016, , 13-24.		5
229	A Foxp2 Mutation Implicated in Human Speech Deficits Alters Sequencing of Ultrasonic Vocalizations in Adult Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 197.	1.0	88
230	Can Birds Perceive Rhythmic Patterns? A Review and Experiments on a Songbird and a Parrot Species. <i>Frontiers in Psychology</i> , 2016, 7, 730.	1.1	40
231	The language-related transcription factor FOXP2 is post-translationally modified with small ubiquitin-like modifiers. <i>Scientific Reports</i> , 2016, 6, 20911.	1.6	38
232	Convergent evidence for the molecular basis of musical traits. <i>Scientific Reports</i> , 2016, 6, 39707.	1.6	29
233	FoxP2 directly regulates the reelin receptor VLDLR developmentally and by singing. <i>Molecular and Cellular Neurosciences</i> , 2016, 74, 96-105.	1.0	15
234	Drosophila FoxL1 non-autonomously coordinates organ placement during embryonic development. <i>Developmental Biology</i> , 2016, 419, 273-284.	0.9	6
235	Knockout of Foxp2 disrupts vocal development in mice. <i>Scientific Reports</i> , 2016, 6, 23305.	1.6	65
236	Dopamine D3 receptors modulate the rate of neuronal recovery, cell recruitment in Area X, and song tempo after neurotoxic damage in songbirds. <i>Neuroscience</i> , 2016, 331, 158-168.	1.1	5
237	Insights into the Neural and Genetic Basis of Vocal Communication. <i>Cell</i> , 2016, 164, 1269-1276.	13.5	74
238	FoxP2 protein levels regulate cell morphology changes and migration patterns in the vertebrate developing telencephalon. <i>Brain Structure and Function</i> , 2016, 221, 2905-2917.	1.2	23
239	Animal Models of Speech and Vocal Communication Deficits Associated With Psychiatric Disorders. <i>Biological Psychiatry</i> , 2016, 79, 53-61.	0.7	41
240	Genoarchitecture of the extended amygdala in zebra finch, and expression of FoxP2 in cell corridors of different genetic profile. <i>Brain Structure and Function</i> , 2017, 222, 481-514.	1.2	36

#	ARTICLE	IF	CITATIONS
241	Ardipithecus ramidus and the evolution of language and singing: An early origin for hominin vocal capability. HOMO- Journal of Comparative Human Biology, 2017, 68, 101-121.	0.3	16
242	Molecular Profiling Reveals Insight into Avian Brain Organization and Functional Columnar Commonalities with Mammals. Diversity and Commonality in Animals, 2017, , 273-289.	0.7	3
243	<i>CNTNAP2</i> is a direct FoxP2 target <i>in vitro</i> and <i>in vivo</i> in zebra finches: complex regulation by age and activity. Genes, Brain and Behavior, 2017, 16, 635-642.	1.1	21
244	Advantages of comparative studies in songbirds to understand the neural basis of sensorimotor integration. Journal of Neurophysiology, 2017, 118, 800-816.	0.9	27
245	FoxP2 expression in an echolocating bat (Rhinolophus ferrumequinum): Functional implications. Mammalian Biology, 2017, 85, 24-29.	0.8	5
246	Language Evolution. , 2017, , 325-339.		4
247	De novo PacBio long-read and phased avian genome assemblies correct and add to reference genes generated with intermediate and short reads. GigaScience, 2017, 6, 1-16.	3.3	165
248	Subcortical Contributions to Motor Speech: Phylogenetic, Developmental, Clinical. Trends in Neurosciences, 2017, 40, 458-468.	4.2	41
249	FOXP2 variation in great ape populations offers insight into the evolution of communication skills. Scientific Reports, 2017, 7, 16866.	1.6	27
250	Atypical birdsong and artificial languages provide insights into how communication systems are shaped by learning, use, and transmission. Psychonomic Bulletin and Review, 2017, 24, 97-105.	1.4	6
251	Evolution of language: Lessons from the genome. Psychonomic Bulletin and Review, 2017, 24, 34-40.	1.4	43
252	Statistical learning in songbirds: from self-tutoring to song culture. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160053.	1.8	34
253	The FOXP2-Driven Network in Developmental Disorders and Neurodegeneration. Frontiers in Cellular Neuroscience, 2017, 11, 212.	1.8	38
254	Talking Convergence: Growing Evidence Links FOXP2 and Retinoic Acid in Shaping Speech-Related Motor Circuitry. Frontiers in Neuroscience, 2017, 11, 19.	1.4	1
255	Protein-Protein Interaction Among the FoxP Family Members and their Regulation of Two Target Genes, VLDLR and CNTNAP2 in the Zebra Finch Song System. Frontiers in Molecular Neuroscience, 2017, 10, 112.	1.4	22
256	Imaging of striatal injury in a songbird brain. General Physiology and Biophysics, 2017, 36, 23-27.	0.4	3
257	Evoluci3n y gen3mica del cerebro humano. Neurolog3a, 2018, 33, 254-265.	0.3	4
258	Evolution and genomics of the human brain. Neurolog3a (English Edition), 2018, 33, 254-265.	0.2	0

#	ARTICLE	IF	CITATIONS
259	Song learning in Varied Tits <i>Poecile varia</i> : sensitive period and the effects of night-sleep. <i>Bird Study</i> , 2018, 65, 84-91.	0.4	1
260	Mapping the distribution of language related genes <i>FoxP1</i> , <i>FoxP2</i> , and <i>CntnaP2</i> in the brains of vocal learning bat species. <i>Journal of Comparative Neurology</i> , 2018, 526, 1235-1266.	0.9	28
261	FoxP in bees: A comparative study on the developmental and adult expression pattern in three bee species considering isoforms and circuitry. <i>Journal of Comparative Neurology</i> , 2018, 526, 1589-1610.	0.9	4
262	Identification of the neurotransmitter profile of AmFoxP expressing neurons in the honeybee brain using double-label in situ hybridization. <i>BMC Neuroscience</i> , 2018, 19, 69.	0.8	2
263	miR-9 regulates basal ganglia-dependent developmental vocal learning and adult vocal performance in songbirds. <i>ELife</i> , 2018, 7, .	2.8	13
265	No Evidence for Recent Selection at FOXP2 among Diverse Human Populations. <i>Cell</i> , 2018, 174, 1424-1435.e15.	13.5	99
266	Evolutionary diversity as a catalyst for biological discovery. <i>Integrative Zoology</i> , 2018, 13, 616-633.	1.3	22
267	Differential effects of <i>Foxp2</i> disruption in distinct motor circuits. <i>Molecular Psychiatry</i> , 2019, 24, 447-462.	4.1	28
268	Transcriptional regulatory divergence underpinning species-specific learned vocalization in songbirds. <i>PLoS Biology</i> , 2019, 17, e3000476.	2.6	24
269	Social group signatures in hummingbird displays provide evidence of co-occurrence of vocal and visual learning. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190666.	1.2	16
270	Conserved regulation of neurodevelopmental processes and behavior by FoxP in <i>Drosophila</i> . <i>PLoS ONE</i> , 2019, 14, e0211652.	1.1	26
271	Differential Song Deficits after Lentivirus-Mediated Knockdown of FoxP1, FoxP2, or FoxP4 in Area X of Juvenile Zebra Finches. <i>Journal of Neuroscience</i> , 2019, 39, 9782-9796.	1.7	20
272	Dopaminergic regulation of vocal-motor plasticity and performance. <i>Current Opinion in Neurobiology</i> , 2019, 54, 127-133.	2.0	14
274	Altered social behavior in mice carrying a cortical <i>Foxp2</i> deletion. <i>Human Molecular Genetics</i> , 2019, 28, 701-717.	1.4	31
276	Behaviour, biology and evolution of vocal learning in bats. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190061.	1.8	37
277	An Etiological <i>Foxp2</i> Mutation Impairs Neuronal Gain in Layer VI Cortico-Thalamic Cells through Increased GABA _B /GIRK Signaling. <i>Journal of Neuroscience</i> , 2020, 40, 8543-8555.	1.7	6
278	Sex-and Region-Dependent Expression of the Autism-Linked ADNP Correlates with Social- and Speech-Related Genes in the Canary Brain. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1671-1683.	1.1	7
279	The cognitive and speech genes are jointly shaped by both positive and relaxed selection in the human lineage. <i>Genomics</i> , 2020, 112, 2922-2927.	1.3	4

#	ARTICLE	IF	CITATIONS
280	Dynamic FoxP2 levels in male zebra finches are linked to morphology of adult-born Area X medium spiny neurons. <i>Scientific Reports</i> , 2020, 10, 4787.	1.6	6
281	Language Evolution. , 2020, , 899-916.		0
282	ZEBrA: Zebra finch Expression Brain Atlasâ€™A resource for comparative molecular neuroanatomy and brain evolution studies. <i>Journal of Comparative Neurology</i> , 2020, 528, 2099-2131.	0.9	30
283	FOXP transcription factors in vertebrate brain development, function, and disorders. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2020, 9, e375.	5.9	60
284	The Neuroethology of Birdsong. <i>Springer Handbook of Auditory Research</i> , 2020, , .	0.3	13
285	Expression of FoxP2 in the basal ganglia regulates vocal motor sequences in the adult songbird. <i>Nature Communications</i> , 2021, 12, 2617.	5.8	18
286	Human Genomics and the Biocultural Origin of Music. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5397.	1.8	9
287	Defining the multidimensional phenotype: New opportunities to integrate the behavioral ecology and behavioral neuroscience of vocal learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 328-338.	2.9	5
288	Neurogenomic insights into the behavioral and vocal development of the zebra finch. <i>ELife</i> , 2021, 10, .	2.8	12
289	Molecular networks of the FOXP2 transcription factor in the brain. <i>EMBO Reports</i> , 2021, 22, e52803.	2.0	21
290	Sex-Specific Social Behavior and Amygdala Proteomic Deficits in Foxp2+/â€™ Mutant Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 706079.	1.0	6
291	Zebra finch song is a very short-range signal in the wild: evidence from an integrated approach. <i>Behavioral Ecology</i> , 2022, 33, 37-46.	1.0	11
294	Molecular Neurobiology of Bird Song. , 2007, , 373-417.		2
295	Towards an Understanding of Language Origins. <i>Biosemiotics Bookseries</i> , 2008, , 287-317.	0.3	3
296	The Molecular Convergence of Birdsong and Speech. , 2013, , 109-184.		2
297	In silico Evolutionary Developmental Neurobiology and the Origin of Natural Language. , 2007, , 151-187.		7
298	Biological Foundations of Linguistic Cognition. , 2020, , 43-96.		1
299	The audio-vocal system in song and speech development. , 2009, , 109-117.		1

#	ARTICLE	IF	CITATIONS
300	Evolution of the Pallium in Birds and Reptiles. , 2009, , 1390-1400.		21
301	Exploring the Zebra Finch <i>Taeniopygia guttata</i> as a Novel Animal Model for the Speechâ€“Language Deficit of Fragile X Syndrome. <i>Results and Problems in Cell Differentiation</i> , 2012, 54, 181-197.	0.2	3
302	Why the Caged Mouse Sings: Studies of the Mouse Ultrasonic Song System and Vocal Behavior. , 2014, , 81-101.		20
303	Static Snapshots versus Dynamic Approaches to Genes, Brain, Cognition, and Behavior in Neurodevelopmental Disabilities. <i>International Review of Research in Developmental Disabilities</i> , 2011, 40, 1-15.	0.6	14
305	Is development domain specific or domain general? A third alternative.. , 2012, , 127-140.		4
308	FoxP2 and deep homology in the evolution of birdsong and human language*. , 2013, , 223-243.		2
312	Accelerated FoxP2 Evolution in Echolocating Bats. <i>PLoS ONE</i> , 2007, 2, e900.	1.1	103
313	Patterns of Neurogenesis and Amplitude of Reelin Expression Are Essential for Making a Mammalian-Type Cortex. <i>PLoS ONE</i> , 2008, 3, e1454.	1.1	73
314	Zebrafish foxP2 Zinc Finger Nuclease Mutant Has Normal Axon Pathfinding. <i>PLoS ONE</i> , 2012, 7, e43968.	1.1	14
315	The Social Brain: Transcriptome Assembly and Characterization of the Hippocampus from a Social Subterranean Rodent, the Colonial Tuco-Tuco (<i>Ctenomys sociabilis</i>). <i>PLoS ONE</i> , 2012, 7, e45524.	1.1	21
316	Rapid Diversification of FoxP2 in Teleosts through Gene Duplication in the Teleost-Specific Whole Genome Duplication Event. <i>PLoS ONE</i> , 2013, 8, e83858.	1.1	5
317	The role of the FOXP family of transcription factors in ASD. <i>Disease Markers</i> , 2012, 33, 251-60.	0.6	36
318	Why Can Birds Be So Smart? Background, Significance, and Implications of the Revised View of the Avian Brain. <i>Comparative Cognition and Behavior Reviews</i> , 2009, 4, .	2.0	9
319	Next stop: Language. The â€“FOXP2â€™ geneâ€™s journey through time. <i>Metode</i> , 2016, .	0.0	3
320	Music-performance regulates microRNAs in professional musicians. <i>PeerJ</i> , 2019, 7, e6660.	0.9	13
321	Positive selection in noncoding genomic regions of vocal learning birds is associated with genes implicated in vocal learning and speech functions in humans. <i>Genome Research</i> , 2021, 31, 2035-2049.	2.4	16
322	Analysis of Codon Usage of Speech Gene FoxP2 among Animals. <i>Biology</i> , 2021, 10, 1078.	1.3	2
323	Increased locomotor activity via regulation of GABAergic signalling in foxp2 mutant zebrafishâ€™implications for neurodevelopmental disorders. <i>Translational Psychiatry</i> , 2021, 11, 529.	2.4	9

#	ARTICLE	IF	CITATIONS
324	Size Matters. , 2007, , 167-184.		0
325	Who Were the Neanderthals?. , 2007, , 103-116.		0
326	Balancing Selection and Disease. , 2007, , 71-83.		0
327	What Are the Genetic Differences That Made Us Human?. , 2007, , 129-142.		0
328	Why Intelligent Design Is Not Science. , 2007, , 17-37.		0
329	Who Let the Dogs in?. , 2007, , 153-166.		0
330	Negative Selection and the Neutral Theory of Molecular Evolution. , 2007, , 43-56.		0
331	Clicks, Genes, and Languages. , 2007, , 143-152.		0
332	Are We the Third Chimpanzee?. , 2007, , 117-128.		0
333	Finding Our Roots. , 2007, , 89-102.		0
334	The Baby with the Baboon Heart. , 2007, , 3-16.		0
335	Detecting Positive Selection. , 2007, , 57-70.		1
336	Behaviorally Regulated mRNA and Protein Expression in the Songbird Brain. <i>Frontiers in Neuroscience</i> , 2009, , 239-261.	0.0	0
337	â©Ÿé““âƒcâƒf†âƒf«â“â–â†â©é³ç ½éjžâ©æCEâ“†â¾¼jâ,-â,1âƒ†âƒf. <i>The Brain & Neural Networks</i> , 2011, 18, 135-146. 0.1		0
338	Ontogenetic and phylogenetic considerations concerning the origin of speech. <i>Revue De Primatologie</i> , 2011, , .	0.0	0
339	Subâ€xtraction. , 2011, , 83-120.		0
340	Antecedents and Consequents. , 2011, , 188-221.		0
341	A CLASH Model. , 2011, , 263-313.		0

#	ARTICLE	IF	CITATIONS
342	Cyclicality. , 2011, , 152-187.		0
343	Linearization. , 2011, , 49-82.		0
344	The Frustrating Equation. , 2011, , 222-262.		0
345	Câ€™command. , 2011, , 121-151.		0
347	THE CASE FOR NEANDERTHAL LANGUAGEâ€™HOW STRONG IS IT?. , 2012, , .		1
348	Lâ€™Ã©volution et le dÃ©veloppement du langage humain chez Homo Symbolicus et Pan Symbolicus. Labyrinthe, 2012, , 39-79.	0.0	0
349	Differential expression of Forkhead box protein 2 between genders in chickens. African Journal of Biotechnology, 2012, 11, .	0.3	1
350	Detecting Splicing Variants of FOXP2 and its Protein Expression in Chicken Brain. Asian Journal of Animal and Veterinary Advances, 2012, 7, 702-709.	0.3	0
351	FoxP2 and vocalization. Studies in Language Companion Series, 2013, , 211-236.	0.3	0
352	Prospective: How the Zebra Finch Genome Strengthens Brain-Behavior Connections in Songbird Models of Learned Vocalization. , 2013, , 89-108.		0
353	Molecular Evolution and Phenotypic Change. , 2017, , 101-119.		1
356	Representational Systems in Zoosemiotics and Anthroposemiotics Part I: What Have the So-Called â€™Talking Animalsâ€™ Taught Us about Human Language?. Linguistic Frontiers, 2018, 1, 14-38.	0.1	0
357	Sprachmotorikâ€™ das vielseitige Gesicht der Sprache. , 2020, , 169-178.		0
358	Basics of Developmental Disorders of Speech and Language. European Manual of Medicine, 2020, , 539-605.	0.1	0
359	The Song Circuit as a Model of Basal Ganglia Function. Springer Handbook of Auditory Research, 2020, , 93-125.	0.3	2
360	Linking Features of Genomic Function to Fundamental Features of Learned Vocal Communication. Springer Handbook of Auditory Research, 2020, , 211-244.	0.3	1
362	How Can Studies of Animals Help to Uncover the Roles of Genes Implicated in Human Speech and Language Disorders?. Contemporary Clinical Neuroscience, 2006, , 127-149.	0.3	0
363	Computational benefits of structural plasticity, illustrated in songbirds. Neuroscience and Biobehavioral Reviews, 2022, 132, 1183-1196.	2.9	0

#	ARTICLE	IF	CITATIONS
364	The Dopamine System and Automatization of Movement Sequences: A Review With Relevance for Speech and Stuttering. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 661880.	1.0	17
365	Striatal Injury Induces Overall Brain Alteration at the Pallial, Thalamic, and Cerebellar Levels. <i>Biology</i> , 2022, 11, 425.	1.3	1
366	Comparative Genomics and Evolution of Avian Specialized Traits. <i>Current Genomics</i> , 2021, 22, 496-511.	0.7	7
367	Vocal changes in a zebra finch model of Parkinson's disease characterized by alpha-synuclein overexpression in the song-dedicated anterior forebrain pathway. <i>PLoS ONE</i> , 2022, 17, e0265604.	1.1	7
368	Also sprach Neanderthalis... Or Did She?. <i>Biolinguistics</i> , 2008, 2, 225-232.	0.6	40
369	Human Uniqueness, Cognition by Description, and Procedural Memory. <i>Biolinguistics</i> , 2008, 2, 129-151.	0.6	6
370	The Biological Nature of Human Language. <i>Biolinguistics</i> , 2010, 4, 004-034.	0.6	26
371	The Talking Neanderthals: What Do Fossils, Genetics, and Archeology Say?. <i>Biolinguistics</i> , 0, 7, 35-74.	0.6	48
372	What Lenneberg Got Right: A Homological Program for the Study of Language Evolution. <i>Biolinguistics</i> , 0, 11, 139-170.	0.6	0
373	The Brain Connectome for Chinese Reading. <i>Neuroscience Bulletin</i> , 2022, 38, 1097-1113.	1.5	4
374	Qualitative investigation of μ - and δ -opioid receptor distribution in the brains of budgerigars (<i>Melopsittacus undulatus</i>). <i>American Journal of Veterinary Research</i> , 2022, 83, .	0.3	0
382	In-depth characterisation of a cohort of individuals with missense and loss-of-function variants disrupting <i>FOXP2</i> . <i>Journal of Medical Genetics</i> , 2023, 60, 597-607.	1.5	8
385	FoxP2 protein decreases at a specific region in the chick midbrain after hatching. <i>Neuroscience Letters</i> , 2023, 800, 137119.	1.0	0
386	Effects of Cortical FoxP1 Knockdowns on Learned Song Preference in Female Zebra Finches. <i>ENeuro</i> , 2023, 10, ENEURO.0328-22.2023.	0.9	1