

Kazuo Okanoya

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

6,610
citations

76326

40
h-index

102487

66
g-index

265
all docs

265
docs citations

265
times ranked

4437
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The naked truth: a comprehensive clarification and classification of current "myths" in naked mole-rat biology. <i>Biological Reviews</i> , 2022, 97, 115-140. | 10.4 | 62 |
| 2 | Oxytocin variation and brain region-specific gene expression in a domesticated avian species. <i>Genes, Brain and Behavior</i> , 2022, 21, e12780. | 2.2 | 7 |
| 3 | Special issue on Symbol Emergence in Robotics and Cognitive Systems (I). <i>Advanced Robotics</i> , 2022, 36, 1-2. | 1.8 | 0 |
| 4 | Special issue on symbol emergence in robotics and cognitive systems (II). <i>Advanced Robotics</i> , 2022, 36, 217-218. | 1.8 | 0 |
| 5 | Auditory and sexual preferences for a father's song can co-emerge in female Bengalese finches. <i>PLoS ONE</i> , 2022, 17, e0254302. | 2.5 | 2 |
| 6 | Mismatch Responses Evoked by Sound Pattern Violation in the Songbird Forebrain Suggest Common Auditory Processing With Human. <i>Frontiers in Physiology</i> , 2022, 13, 822098. | 2.8 | 0 |
| 7 | Durations of preparatory motor activity in the avian basal ganglia for songs and calls in a species of songbirds. <i>Neuroscience Research</i> , 2022, , . | 1.9 | 1 |
| 8 | Song Preference in Female and Juvenile Songbirds: Proximate and Ultimate Questions. <i>Frontiers in Physiology</i> , 2022, 13, 876205. | 2.8 | 8 |
| 9 | How vocal temporal parameters develop: a comparative study between humans and songbirds, two distantly related vocal learners. <i>Journal of Language Evolution</i> , 2021, 6, 26-36. | 2.2 | 1 |
| 10 | Sex differences in the development and expression of a preference for familiar vocal signals in songbirds. <i>PLoS ONE</i> , 2021, 16, e0243811. | 2.5 | 10 |
| 11 | Production of regular rhythm induced by external stimuli in rats. <i>Animal Cognition</i> , 2021, 24, 1133-1141. | 1.8 | 8 |
| 12 | Increase in social interactions of wild Northern Gray gibbons (<i>Hylobates funereus</i>) during the mast fruiting period in the Danum Valley Conservation Area, Sabah, Malaysia. <i>Acta Ethologica</i> , 2021, 24, 153-163. | 0.9 | 1 |
| 13 | Impact of endogenous melatonin on rhythmic behaviors, reproduction, and survival revealed in melatonin-proficient C57BL/6J congenic mice. <i>Journal of Pineal Research</i> , 2021, 71, e12748. | 7.4 | 16 |
| 14 | Capturing the Effects of Domestication on Vocal Learning Complexity. <i>Trends in Cognitive Sciences</i> , 2021, 25, 462-474. | 7.8 | 7 |
| 15 | Switching perception of musical meters by listening to different acoustic cues of biphasic sound stimulus. <i>PLoS ONE</i> , 2021, 16, e0256712. | 2.5 | 0 |
| 16 | Comparison of traveling-subject and ComBat harmonization methods for assessing structural brain characteristics. <i>Human Brain Mapping</i> , 2021, 42, 5278-5287. | 3.6 | 47 |
| 17 | Effects of domestication on neophobia: A comparison between the domesticated Bengalese finch (<i>Lonchura striata</i> var. <i>domestica</i>) and its wild ancestor, the white-rumped munia (<i>Lonchura striata</i>). <i>Behavioural Processes</i> , 2021, 193, 104502. | 1.1 | 7 |
| 18 | CA2 inhibition reduces the precision of hippocampal assembly reactivation. <i>Neuron</i> , 2021, 109, 3674-3687.e7. | 8.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Domestication effects on aggressiveness: Comparison of biting motivation and bite force between wild and domesticated finches. <i>Behavioural Processes</i> , 2021, 193, 104503. | 1.1 | 6 |
| 20 | Stimulus modality affects the accuracy of rhythm production in rats. <i>Behavioural Processes</i> , 2021, 194, 104560. | 1.1 | 2 |
| 21 | Measuring context dependency in birdsong using artificial neural networks. <i>PLoS Computational Biology</i> , 2021, 17, e1009707. | 3.2 | 3 |
| 22 | Distributed representation of discrete sequential vocalization in the Bengalese finch (<i>Lonchura</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 | 1.7 | 0 |
| 23 | Cortical collateralization induced by language and arithmetic in non-right-handers. <i>Cortex</i> , 2020, 124, 154-166. | 2.4 | 5 |
| 24 | Trait Respect Is Linked to Reduced Gray Matter Volume in the Anterior Temporal Lobe. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 344. | 2.0 | 5 |
| 25 | Fast Retrograde Access to Projection Neuron Circuits Underlying Vocal Learning in Songbirds. <i>Cell Reports</i> , 2020, 33, 108364. | 6.4 | 15 |
| 26 | Variation in auditory neural activation in response to strain-specific songs in wild and domesticated female Bengalese finches. <i>Behavioural Brain Research</i> , 2020, 395, 112840. | 2.2 | 1 |
| 27 | Note orders suggest phrase-inserting structure in male Mueller's gibbon songs: a case study. <i>Acta Ethologica</i> , 2020, 23, 89-102. | 0.9 | 2 |
| 28 | Unconscious and Distinctive Control of Vocal Pitch and Timbre During Altered Auditory Feedback. <i>Frontiers in Psychology</i> , 2020, 11, 1224. | 2.1 | 7 |
| 29 | Do songbirds hear songs syllable by syllable?. <i>Behavioural Processes</i> , 2020, 174, 104089. | 1.1 | 5 |
| 30 | USVSEG: A robust method for segmentation of ultrasonic vocalizations in rodents. <i>PLoS ONE</i> , 2020, 15, e0228907. | 2.5 | 39 |
| 31 | Biased Learning of Sexual Signals by Female Bengalese Finches. <i>Ornithological Science</i> , 2020, 19, 3. | 0.5 | 0 |
| 32 | Different Reactions of Zebra Finches and Bengalese Finches to a Three-Component Mixture of Anesthetics. <i>Zoological Science</i> , 2020, 37, 159. | 0.7 | 1 |
| 33 | Acoustical cues for perception of emotional vocalizations in rats. <i>Scientific Reports</i> , 2019, 9, 10539. | 3.3 | 12 |
| 34 | Contribution of prosodic cues in song learning by Bengalese finches <i>Lonchura striata</i> var. <i>domestica</i> . <i>IBRO Reports</i> , 2019, 6, S453. | 0.3 | 0 |
| 35 | Corticobasal ganglia projecting neurons are required for juvenile vocal learning but not for adult vocal plasticity in songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22833-22843. | 7.1 | 16 |
| 36 | Behavioural interference among eusocial naked mole rats during work. <i>Journal of Ethology</i> , 2019, 37, 101-109. | 0.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Regulation of action selection based on metacognition in humans via a ventral and dorsal medial prefrontal cortical network. <i>Cortex</i> , 2019, 119, 336-349. | 2.4 | 6 |
| 38 | Auditory-Motor Matching in Vocal Recognition and Imitative Learning. <i>Neuroscience</i> , 2019, 409, 222-234. | 2.3 | 5 |
| 39 | Respect and admiration differentially activate the anterior temporal lobe. <i>Neuroscience Research</i> , 2019, 144, 40-47. | 1.9 | 9 |
| 40 | Temporal adjustment of short calls according to a partner during vocal turn-taking in Japanese macaques. <i>Environmental Epigenetics</i> , 2019, 65, 99-105. | 1.8 | 10 |
| 41 | Copulation calls in wild Mueller's gibbons (<i>Hylobates muelleri</i>). <i>Interaction Studies</i> , 2019, 20, 362-374. | 0.6 | 1 |
| 42 | The utility of internal cognitive states as discriminative cues affecting behavioral adaptation in humans and animals. <i>Animal Behavior and Cognition</i> , 2019, 6, 262-272. | 1.0 | 1 |
| 43 | Physiological identification of cortico-striatal projection neurons for song control in Bengalese finches. <i>Behavioural Brain Research</i> , 2018, 349, 37-41. | 2.2 | 4 |
| 44 | Auditory-vocal coupling in the naked mole-rat, a mammal with poor auditory thresholds. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 905-914. | 1.6 | 18 |
| 45 | Reduced β -aminobutyric acid in the superior temporal gyrus is associated with absolute pitch. <i>NeuroReport</i> , 2018, 29, 1487-1491. | 1.2 | 3 |
| 46 | Trill-calls in Java sparrows: Repetition rate determines the category of acoustically similar calls in different behavioral contexts. <i>Behavioural Processes</i> , 2018, 157, 68-72. | 1.1 | 9 |
| 47 | Mice modulate ultrasonic calling bouts according to sociosexual context. <i>Royal Society Open Science</i> , 2018, 5, 180378. | 2.4 | 35 |
| 48 | Repeated Stops for a Red Light Induced a Left-Superior Asymmetrical Brain Activity in the Near-Infrared Spectroscopy Reflecting Approach Motivation of Anger in Elderly Adults but not in Younger Adults. <i>Japanese Psychological Research</i> , 2018, 60, 327-336. | 1.1 | 5 |
| 49 | The rate of telomere loss is related to maximum lifespan in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160445. | 4.0 | 109 |
| 50 | Brains for birds and babies: Neural parallels between birdsong and speech acquisition. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 81, 225-237. | 6.1 | 45 |
| 51 | Sexual communication and domestication may give rise to the signal complexity necessary for the emergence of language: An indication from songbird studies. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 106-110. | 2.8 | 27 |
| 52 | Affective valence of neurons in the vicinity of the rat amygdala: Single unit activity in response to a conditioned behavior and vocal sound playback. <i>Behavioural Brain Research</i> , 2017, 324, 109-114. | 2.2 | 10 |
| 53 | Maturation-dependent control of vocal temporal plasticity in a songbird. <i>Developmental Neurobiology</i> , 2017, 77, 995-1006. | 3.0 | 12 |
| 54 | Response characteristics of the rat anterior cingulate cortex to ultrasonic communicative vocalizations. <i>NeuroReport</i> , 2017, 28, 479-484. | 1.2 | 6 |

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|----|--|-----|-----------|
| 55 | Rats show adaptive choice in a metacognitive task with high uncertainty.. Journal of Experimental Psychology Animal Learning and Cognition, 2017, 43, 109-118. | 0.5 | 24 |
| 56 | What do animals learn in artificial grammar studies?. Neuroscience and Biobehavioral Reviews, 2017, 81, 238-246. | 6.1 | 28 |
| 57 | Chick Development and Asynchronous Hatching in the Zebra Finch (<i>Taeniopygia guttata</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.7 | 1 |
| 58 | Combinatory rules and chunk structure in male Mueller's gibbon songs. Interaction Studies, 2017, 18, 1-25. | 0.6 | 11 |
| 59 | Fast voltage-sensitive dye imaging of excitatory and inhibitory synaptic transmission in the rat granular retrosplenial cortex. Journal of Neurophysiology, 2017, 118, 1784-1799. | 1.8 | 8 |
| 60 | Model-based estimation of subjective values using choice tasks with probabilistic feedback. Journal of Mathematical Psychology, 2017, 79, 29-43. | 1.8 | 13 |
| 61 | Statistical learning in songbirds: from self-tutoring to song culture. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160053. | 4.0 | 34 |
| 62 | Sense of Accomplishment Is Modulated by a Proper Level of Instruction and Represented in the Brain Reward System. PLoS ONE, 2017, 12, e0168661. | 2.5 | 3 |
| 63 | Phase-Specific Vocalizations of Male Mice at the Initial Encounter during the Courtship Sequence. PLoS ONE, 2016, 11, e0147102. | 2.5 | 62 |
| 64 | Automatic Recognition of Element Classes and Boundaries in the Birdsong with Variable Sequences. PLoS ONE, 2016, 11, e0159188. | 2.5 | 19 |
| 65 | Effects of background noise on acoustic characteristics of Bengalese finch songs. Journal of the Acoustical Society of America, 2016, 140, 4039-4045. | 1.1 | 2 |
| 66 | Untrustworthiness inhibits congruent facial reactions to happy faces. Biological Psychology, 2016, 121, 30-38. | 2.2 | 4 |
| 67 | Application of Optical Clearing Methods on the Songbird Brain. Ornithological Science, 2016, 15, 163-170. | 0.5 | 3 |
| 68 | Cognitive bias in rats evoked by ultrasonic vocalizations suggests emotional contagion. Behavioural Processes, 2016, 132, 5-11. | 1.1 | 62 |
| 69 | Auditory Responses to Vocal Sounds in the Songbird Nucleus Taeniae of the Amygdala and the Adjacent Arcopallium. Brain, Behavior and Evolution, 2016, 87, 275-289. | 1.7 | 10 |
| 70 | Individual variability in verbal fluency correlates with β -aminobutyric acid concentration in the left inferior frontal gyrus. NeuroReport, 2016, 27, 987-991. | 1.2 | 7 |
| 71 | Observing real-time social interaction via telecommunication methods in budgerigars (<i>Melopsittacus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.1 | 7 |
| 72 | Hierarchical emergence of sequence sensitivity in the songbird auditory forebrain. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2016, 202, 163-183. | 1.6 | 24 |

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|----|--|-----|-----------|
| 73 | Origin of Vocal Language. Japan Journal of Logopedics and Phoniatrics, 2016, 57, 367-371. | 0.1 | 0 |
| 74 | A rhythm landscape approach to the developmental dynamics of birdsong. Journal of the Royal Society Interface, 2015, 12, 20150802. | 3.4 | 34 |
| 75 | Variability in the temporal parameters in the song of the Bengalese finch (<i>Lonchura striata</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Physiology, 2015, 201, 1157-1168. | 1.6 | 15 |
| 76 | The Power of an Infant's Smile: Maternal Physiological Responses to Infant Emotional Expressions. PLoS ONE, 2015, 10, e0129672. | 2.5 | 9 |
| 77 | Modulation of Emotional Category Induced by Temporal Factors in Emotion Recognition. PLoS ONE, 2015, 10, e0131636. | 2.5 | 3 |
| 78 | Mutual emotional understanding in a face-to-face communication environment: How speakers understand and react to listeners' emotion in a game task dialog. Acoustical Science and Technology, 2015, 36, 370-373. | 0.5 | 3 |
| 79 | Neural basis of decision making guided by emotional outcomes. Journal of Neurophysiology, 2015, 113, 3056-3068. | 1.8 | 20 |
| 80 | Limitations of a habituation task to demonstrate discrimination of natural signals in songbirds. Behavioural Processes, 2015, 115, 100-108. | 1.1 | 4 |
| 81 | Mindfulness and Psychological Status of Japanese Yoga Practitioners: a Cross-Sectional Study. Mindfulness, 2015, 6, 560-571. | 2.8 | 8 |
| 82 | Semi-Automatic Classification of Birdsong Elements Using a Linear Support Vector Machine. PLoS ONE, 2014, 9, e92584. | 2.5 | 47 |
| 83 | Bayesian deterministic decision making: a normative account of the operant matching law and heavy-tailed reward history dependency of choices. Frontiers in Computational Neuroscience, 2014, 8, 18. | 2.1 | 7 |
| 84 | Synchronized tapping facilitates learning sound sequences as indexed by the P300. Frontiers in Human Neuroscience, 2014, 8, 826. | 2.0 | 3 |
| 85 | Auditory observation of infant-directed speech by mothers: experience-dependent interaction between language and emotion in the basal ganglia. Frontiers in Human Neuroscience, 2014, 8, 907. | 2.0 | 7 |
| 86 | The integration hypothesis of human language evolution and the nature of contemporary languages. Frontiers in Psychology, 2014, 5, 564. | 2.1 | 20 |
| 87 | Food rewards modulate the activity of song neurons in Bengalese finches. European Journal of Neuroscience, 2014, 39, 975-983. | 2.6 | 3 |
| 88 | Neural correlates of expectation of musical termination structure or cadence. NeuroReport, 2014, 25, 743-748. | 1.2 | 2 |
| 89 | Local structure sensitivity in auditory information processing in avian song nuclei. NeuroReport, 2014, 25, 562-568. | 1.2 | 1 |
| 90 | Emotional attention modulates microsaccadic rate and direction. Psychological Research, 2014, 78, 166-179. | 1.7 | 26 |

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|-----|--|------|-----------|
| 91 | Human speech- and reading-related genes display partially overlapping expression patterns in the marmoset brain. <i>Brain and Language</i> , 2014, 133, 26-38. | 1.6 | 34 |
| 92 | Domestication changes innate constraints for birdsong learning. <i>Behavioural Processes</i> , 2014, 106, 91-97. | 1.1 | 18 |
| 93 | Individual differences in heart rate variability are associated with the avoidance of negative emotional events. <i>Biological Psychology</i> , 2014, 103, 322-331. | 2.2 | 18 |
| 94 | Learning, epigenetics, and computation: An extension on Fitch's proposal. <i>Physics of Life Reviews</i> , 2014, 11, 389-390. | 2.8 | 5 |
| 95 | Relatively high motivation for context-evoked reward produces the magnitude effect in rats. <i>Behavioural Processes</i> , 2014, 107, 22-28. | 1.1 | 4 |
| 96 | Cadherins: potential regulators in the faculty of language. <i>Current Opinion in Neurobiology</i> , 2014, 28, 28-33. | 4.2 | 7 |
| 97 | Behavioral Correlates of 50-kHz Ultrasonic Vocalizations in Rats: Progressive Operant Discrimination Learning Reduces Frequency Modulation and Increases Overall Amplitude. <i>Animal Behavior and Cognition</i> , 2014, 1, 452-463. | 1.0 | 5 |
| 98 | 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. | 2.6 | 22 |
| 99 | A simple explanation for the evolution of complex song syntax in Bengalese finches. <i>Biology Letters</i> , 2013, 9, 20130842. | 2.3 | 23 |
| 100 | Current source-density analysis of intracortical circuit in the granular retrosplenial cortex of rats: A possible role in stimulus time buffering. <i>Neuroscience Research</i> , 2013, 76, 52-57. | 1.9 | 4 |
| 101 | The impact of domestication on fearfulness: A comparison of tonic immobility reactions in wild and domesticated finches. <i>Behavioural Processes</i> , 2013, 100, 58-63. | 1.1 | 32 |
| 102 | Salivary biomarkers are not suitable for pain assessment in newborns. <i>Early Human Development</i> , 2013, 89, 503-506. | 1.8 | 13 |
| 103 | Interaction between musical emotion and facial expression as measured by event-related potentials. <i>Neuropsychologia</i> , 2013, 51, 500-505. | 1.6 | 24 |
| 104 | Stepwise acquisition of vocal combinatorial capacity in songbirds and human infants. <i>Nature</i> , 2013, 498, 104-108. | 27.8 | 177 |
| 105 | Alarm call discrimination in a social rodent: adult but not juvenile degu calls induce high vigilance. <i>Journal of Ethology</i> , 2013, 31, 115-121. | 0.8 | 13 |
| 106 | Very Early Development of Nucleus Taeniae of the Amygdala. <i>Brain, Behavior and Evolution</i> , 2013, 81, 12-26. | 1.7 | 18 |
| 107 | An invisible sign stimulus. <i>NeuroReport</i> , 2013, 24, 370-374. | 1.2 | 9 |
| 108 | Contextual Modulation of Physiological and Psychological Responses Triggered by Emotional Stimuli. <i>Frontiers in Psychology</i> , 2013, 4, 212. | 2.1 | 18 |

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|-----|--|-----|-----------|
| 109 | Comparative Analysis of Protocadherin-11 X-Linked Expression among Postnatal Rodents, Non-Human Primates, and Songbirds Suggests Its Possible Involvement in Brain Evolution. PLoS ONE, 2013, 8, e58840. | 2.5 | 11 |
| 110 | Shadows Alter Facial Expressions of Noh Masks. PLoS ONE, 2013, 8, e71389. | 2.5 | 6 |
| 111 | The Emergence of Hierarchical Structure in Human Language. Frontiers in Psychology, 2013, 4, 71. | 2.1 | 54 |
| 112 | Decreased Right Temporal Activation and Increased Interhemispheric Connectivity in Response to Speech in Preterm Infants at Term-Equivalent Age. Frontiers in Psychology, 2013, 4, 94. | 2.1 | 19 |
| 113 | Songbirds and humans apply different strategies in a sound sequence discrimination task. Frontiers in Psychology, 2013, 4, 447. | 2.1 | 20 |
| 114 | Multidimensional MRI-CT atlas of the naked mole-rat brain (<i>Heterocephalus glaber</i>). Frontiers in Neuroanatomy, 2013, 7, 45. | 1.7 | 8 |
| 115 | Recurrent network for multisensory integration-identification of common sources of audiovisual stimuli. Frontiers in Computational Neuroscience, 2013, 7, 101. | 2.1 | 7 |
| 116 | The implicit processing of categorical and dimensional strategies: an fMRI study of facial emotion perception. Frontiers in Human Neuroscience, 2013, 7, 551. | 2.0 | 18 |
| 117 | Event-Related Potentials Elicited by Pre-Attentive Emotional Changes in Temporal Context. PLoS ONE, 2013, 8, e63703. | 2.5 | 9 |
| 118 | Shyness in Early Infancy: Approach-Avoidance Conflicts in Temperament and Hypersensitivity to Eyes during Initial Gazes to Faces. PLoS ONE, 2013, 8, e65476. | 2.5 | 17 |
| 119 | Effects of Preterm Birth on Intrinsic Fluctuations in Neonatal Cerebral Activity Examined Using Optical Imaging. PLoS ONE, 2013, 8, e67432. | 2.5 | 49 |
| 120 | Categorical and dimensional perceptions in decoding emotional facial expressions. Cognition and Emotion, 2012, 26, 587-601. | 2.0 | 32 |
| 121 | Infants prefer the faces of strangers or mothers to morphed faces: an uncanny valley between social novelty and familiarity. Biology Letters, 2012, 8, 725-728. | 2.3 | 31 |
| 122 | Birdsong neurolinguistics. NeuroReport, 2012, 23, 139-145. | 1.2 | 87 |
| 123 | Broad cortical activation in response to tactile stimulation in newborns. NeuroReport, 2012, 23, 373-377. | 1.2 | 28 |
| 124 | Sequential information of self-produced song is represented in the auditory areas in male Bengalese finches. NeuroReport, 2012, 23, 488-492. | 1.2 | 4 |
| 125 | Effects of amygdala lesions on male mouse ultrasonic vocalizations and copulatory behaviour. NeuroReport, 2012, 23, 676-680. | 1.2 | 14 |
| 126 | A Bird's Eye View of Human Language Evolution. Frontiers in Evolutionary Neuroscience, 2012, 4, 5. | 3.7 | 59 |

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|-----|---|-----|-----------|
| 127 | Neural correlates of abstract rule learning: An event-related potential study. <i>Neuropsychologia</i> , 2012, 50, 2617-2624. | 1.6 | 10 |
| 128 | Song Complexity and Auditory Feedback in Birds: A Comparison between Two Strains of Bengalese Finches with Different Degrees of Song Complexity. <i>Zoological Science</i> , 2012, 29, 645-651. | 0.7 | 2 |
| 129 | Statistical Mechanics of Reward-Modulated Learning in Decision-Making Networks. <i>Neural Computation</i> , 2012, 24, 1230-1270. | 2.2 | 4 |
| 130 | Convergent Differential Regulation of Parvalbumin in the Brains of Vocal Learners. <i>PLoS ONE</i> , 2012, 7, e29457. | 2.5 | 45 |
| 131 | Syringeal Specialization of Frequency Control during Song Production in the Bengalese Finch (<i>Lonchura striata domestica</i>). <i>PLoS ONE</i> , 2012, 7, e34135. | 2.5 | 23 |
| 132 | The Mysterious Noh Mask: Contribution of Multiple Facial Parts to the Recognition of Emotional Expressions. <i>PLoS ONE</i> , 2012, 7, e50280. | 2.5 | 9 |
| 133 | Sequential learning and rule abstraction in Bengalese finches. <i>Animal Cognition</i> , 2012, 15, 369-377. | 1.8 | 8 |
| 134 | Individual Variation in Behavioural Reactions to Unfamiliar Conspecific Vocalisation and Hormonal Underpinnings in Male Chimpanzees. <i>Ethology</i> , 2012, 118, 269-280. | 1.1 | 8 |
| 135 | Bilateral lesions of the medial frontal cortex disrupt recognition of social hierarchy during antiphonal communication in naked mole-rats (<i>Heterocephalus glaber</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2012, 198, 109-117. | 1.6 | 6 |
| 136 | Apology Isn't Good Enough: An Apology Suppresses an Approach Motivation but Not the Physiological and Psychological Anger. <i>PLoS ONE</i> , 2012, 7, e33006. | 2.5 | 11 |
| 137 | Defects in Ultrasonic Vocalization of Cadherin-6 Knockout Mice. <i>PLoS ONE</i> , 2012, 7, e49233. | 2.5 | 33 |
| 138 | Vocalizations in a Japanese wild-derived laboratory mouse KOR1: Development, behavioral contexts, and sound characteristics. <i>Acoustical Science and Technology</i> , 2012, 33, 52-55. | 0.5 | 0 |
| 139 | CEREBRAL LATERALITY FOR PROSODY PROCESSING IN HUMAN NEONATES: EVIDENCE FROM MULTICHANNEL NEAR-INFRARED SPECTROSCOPY. , 2012, , . | | 0 |
| 140 | Hippocampus lesions induced deficits in social and spatial recognition in <i>Octodon degus</i> . <i>Behavioural Brain Research</i> , 2011, 219, 302-309. | 2.2 | 47 |
| 141 | A direct neuronal connection between the telencephalic nucleus robustus arcopallialis and the nucleus nervi hypoglossi, pars tracheosyringalis in Bengalese finches (<i>Lonchura striata</i> var.) <i>Tj ETQq1 1 0.784314 1gBT /Overclock 10 Tf</i> | | |
| 142 | Songs to syntax: the linguistics of birdsong. <i>Trends in Cognitive Sciences</i> , 2011, 15, 113-121. | 7.8 | 335 |
| 143 | Rhythmic synchronization tapping to an audio-visual metronome in budgerigars. <i>Scientific Reports</i> , 2011, 1, 120. | 3.3 | 101 |
| 144 | Decision-Making Based on Emotional Images. <i>Frontiers in Psychology</i> , 2011, 2, 311. | 2.1 | 22 |

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|-----|--|------|-----------|
| 145 | Comparative Gene Expression Analysis Among Vocal Learners (Bengalese Finch and Budgerigar) and Non-Learners (Quail and Ring Dove) Reveals Variable Cadherin Expressions in the Vocal System. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 28. | 1.7 | 9 |
| 146 | Cooperation of Deterministic Dynamics and Random Noise in Production of Complex Syntactical Avian Song Sequences: A Neural Network Model. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 18. | 2.1 | 6 |
| 147 | Type-II cadherins modulate neural activity in cultured rat hippocampal neurons. <i>NeuroReport</i> , 2011, 22, 629-632. | 1.2 | 8 |
| 148 | Comparative analysis of mineralocorticoid receptor expression among vocal learners (Bengalese) of avian vocal learning. <i>Development Growth and Differentiation</i> , 2011, 53, 961-970. | 1.5 | 13 |
| 149 | On-line statistical segmentation of a non-speech auditory stream in neonates as demonstrated by event-related brain potentials. <i>Developmental Science</i> , 2011, 14, 1100-1106. | 2.4 | 37 |
| 150 | Expression pattern of cadherins in the naked mole rat (<i>Heterocephalus glaber</i>) suggests innate cortical diversification of the cerebrum. <i>Journal of Comparative Neurology</i> , 2011, 519, 1736-1747. | 1.6 | 8 |
| 151 | Segmentation of expiratory and inspiratory sounds in baby cry audio recordings using hidden Markov models. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2969-2977. | 1.1 | 19 |
| 152 | Cross Fostering Experiments Suggest That Mice Songs Are Innate. <i>PLoS ONE</i> , 2011, 6, e17721. | 2.5 | 125 |
| 153 | Complex Sequencing Rules of Birdsong Can be Explained by Simple Hidden Markov Processes. <i>PLoS ONE</i> , 2011, 6, e24516. | 2.5 | 51 |
| 154 | Dynamic Expression of Cadherins Regulates Vocal Development in a Songbird. <i>PLoS ONE</i> , 2011, 6, e25272. | 2.5 | 17 |
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