

Onur Gökentürk

List of Publications by Year in descending order

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Version: 2024-02-01

339
papers

17,070
citations

13865

67
h-index

23533

111
g-index

350
all docs

350
docs citations

350
times ranked

10115
citing authors

#	ARTICLE	IF	CITATIONS
1	Revised nomenclature for avian telencephalon and some related brainstem nuclei. <i>Journal of Comparative Neurology</i> , 2004, 473, 377-414.	1.6	1,054
2	Avian brains and a new understanding of vertebrate brain evolution. <i>Nature Reviews Neuroscience</i> , 2005, 6, 151-159.	10.2	930
3	Mirror-Induced Behavior in the Magpie (<i>Pica pica</i>): Evidence of Self-Recognition. <i>PLoS Biology</i> , 2008, 6, e202.	5.6	394
4	Oxytocin enhances brain reward system responses in men viewing the face of their female partner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20308-20313.	7.1	320
5	The avian "prefrontal cortex" and cognition. <i>Current Opinion in Neurobiology</i> , 2005, 15, 686-693.	4.2	291
6	Cognition without Cortex. <i>Trends in Cognitive Sciences</i> , 2016, 20, 291-303.	7.8	287
7	Oxytocin Modulates Social Distance between Males and Females. <i>Journal of Neuroscience</i> , 2012, 32, 16074-16079.	3.6	250
8	Asymmetry pays: visual lateralization improves discrimination success in pigeons. <i>Current Biology</i> , 2000, 10, 1079-1081.	3.9	247
9	Afferent and efferent connections of the caudolateral neostriatum in the pigeon (<i>Columba livia</i>): A retro- and anterograde pathway tracing study. <i>Journal of Comparative Neurology</i> , 1999, 407, 228-260.	1.6	238
10	A Neurocomputational Theory of the Dopaminergic Modulation of Working Memory Functions. <i>Journal of Neuroscience</i> , 1999, 19, 2807-2822.	3.6	237
11	Brain Lateralization: A Comparative Perspective. <i>Physiological Reviews</i> , 2020, 100, 1019-1063.	28.8	228
12	Lateralization of magnetic compass orientation in a migratory bird. <i>Nature</i> , 2002, 419, 467-470.	27.8	214
13	An Oxytocin-Induced Facilitation of Neural and Emotional Responses to Social Touch Correlates Inversely with Autism Traits. <i>Neuropsychopharmacology</i> , 2014, 39, 2078-2085.	5.4	214
14	Steroid fluctuations modify functional cerebral asymmetries: the hypothesis of progesterone-mediated interhemispheric decoupling. <i>Neuropsychologia</i> , 2000, 38, 1362-1374.	1.6	203
15	Large-scale network organization in the avian forebrain: a connectivity matrix and theoretical analysis. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 89.	2.1	191
16	Ontogenesis of Lateralization. <i>Neuron</i> , 2017, 94, 249-263.	8.1	179
17	A Visual Pathway Links Brain Structures Active during Magnetic Compass Orientation in Migratory Birds. <i>PLoS ONE</i> , 2007, 2, e937.	2.5	160
18	Visual lateralization during feeding in pigeons.. <i>Behavioral Neuroscience</i> , 1987, 101, 433-435.	1.2	147

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19	Limb preferences in non-human vertebrates. <i>Laterality</i> , 2013, 18, 536-575.	1.0	143
20	On Framing Effects in Decision Making: Linking Lateral versus Medial Orbitofrontal Cortex Activation to Choice Outcome Processing. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1198-1211.	2.3	139
21	A left-sided visuospatial bias in birds. <i>Current Biology</i> , 2005, 15, R372-R373.	3.9	135
22	A cortex-like canonical circuit in the avian forebrain. <i>Science</i> , 2020, 369, .	12.6	133
23	Structural organization of parallel information processing within the tectofugal visual system of the pigeon. <i>Journal of Comparative Neurology</i> , 2001, 429, 94-112.	1.6	132
24	Lateralization of the Vertebrate Brain: Taking the Side of Model Systems. <i>Journal of Neuroscience</i> , 2005, 25, 10351-10357.	3.6	132
25	The ontogenesis of language lateralization and its relation to handedness. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 43, 191-198.	6.1	130
26	A bottlenose dolphin discriminates visual stimuli differing in numerosity. <i>Learning and Behavior</i> , 2003, 31, 133-142.	3.4	128
27	Hemispheric Asymmetries: The Comparative View. <i>Frontiers in Psychology</i> , 2012, 3, 5.	2.1	126
28	Functional cerebral asymmetries during the menstrual cycle: a cross-sectional and longitudinal analysis. <i>Neuropsychologia</i> , 2002, 40, 808-816.	1.6	125
29	Single Units in the Pigeon Brain Integrate Reward Amount and Time-to-Reward in an Impulsive Choice Task. <i>Current Biology</i> , 2005, 15, 594-602.	3.9	121
30	The convergent evolution of neural substrates for cognition. <i>Psychological Research</i> , 2012, 76, 212-219.	1.7	120
31	Diffusion markers of dendritic density and arborization in gray matter predict differences in intelligence. <i>Nature Communications</i> , 2018, 9, 1905.	12.8	119
32	Wiltshcko et al. reply. <i>Nature</i> , 2011, 471, E1-E1.	27.8	116
33	Development of object permanence in food-storing magpies (<i>Pica pica</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2000, 114, 148-157.	0.5	108
34	The Neural Basis of Long-Distance Navigation in Birds. <i>Annual Review of Physiology</i> , 2016, 78, 133-154.	13.1	107
35	Sensory properties and afferents of the N. dorsolateralis posterior thalami of the pigeon. <i>Journal of Comparative Neurology</i> , 1990, 292, 457-479.	1.6	106
36	Non-motor behavioural impairments in parkin-deficient mice. <i>European Journal of Neuroscience</i> , 2007, 26, 1902-1911.	2.6	105

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37	Dopaminergic innervation of the telencephalon of the pigeon (<i>Columba livia</i>): A study with antibodies against tyrosine hydroxylase and dopamine. <i>Journal of Comparative Neurology</i> , 1995, 357, 446-464.	1.6	103
38	Lateralisation of conspecific vocalisation in non-human vertebrates. <i>Laterality</i> , 2013, 18, 1-31.	1.0	103
39	Retinal afferents to the tectum opticum and the nucleus opticus principalis thalami in the pigeon. <i>Journal of Comparative Neurology</i> , 1991, 305, 57-70.	1.6	102
40	Adult persistence of head-turning asymmetry. <i>Nature</i> , 2003, 421, 711-711.	27.8	102
41	Epigenetic regulation of lateralized fetal spinal gene expression underlies hemispheric asymmetries. <i>ELife</i> , 2017, 6, .	6.0	101
42	An immunocytochemical analysis of the lateral geniculate complex in the pigeon (<i>Columba</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	1.6	99
43	Improvement and Impairment of Visually Guided Behavior through LTP- and LTD-like Exposure-Based Visual Learning. <i>Current Biology</i> , 2011, 21, 876-882.	3.9	97
44	Handedness and the X chromosome: The role of androgen receptor CAG-repeat length. <i>Scientific Reports</i> , 2015, 5, 8325.	3.3	97
45	Handedness: A neurogenetic shift of perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2788-2793.	6.1	96
46	Selective deficits in reversal learning after neostriatum caudolaterale lesions in pigeons: Possible behavioral equivalencies to the mammalian prefrontal system. <i>Behavioural Brain Research</i> , 1998, 96, 125-133.	2.2	94
47	Working Memory Neurons in Pigeons. <i>Journal of Neuroscience</i> , 2002, 22, RC210-RC210.	3.6	94
48	Lateralized neural mechanisms underlying the modulation of response inhibition processes. <i>NeuroImage</i> , 2011, 55, 1771-1778.	4.2	89
49	Stress and laterality â€œ The comparative perspective. <i>Physiology and Behavior</i> , 2016, 164, 321-329.	2.1	85
50	Functional subdivisions of the ascending visual pathways in the pigeon. <i>Behavioural Brain Research</i> , 1999, 98, 193-201.	2.2	82
51	Conceptual expansion and creative imagery as a function of psychoticism. <i>Consciousness and Cognition</i> , 2005, 14, 520-534.	1.5	82
52	Creative Thinking in Adolescents with Attention Deficit Hyperactivity Disorder (ADHD). <i>Child Neuropsychology</i> , 2006, 12, 111-123.	1.3	82
53	Tool-Making New Caledonian Crows Have Large Associative Brain Areas. <i>Brain, Behavior and Evolution</i> , 2010, 75, 63-70.	1.7	82
54	Lateralization of visually controlled behavior in pigeons. <i>Physiology and Behavior</i> , 1985, 34, 575-577.	2.1	80

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55	PCSK6 VNTR Polymorphism Is Associated with Degree of Handedness but Not Direction of Handedness. PLoS ONE, 2013, 8, e67251.	2.5	80
56	Intrahemispheric white matter asymmetries: the missing link between brain structure and functional lateralization?. Reviews in the Neurosciences, 2016, 27, 465-480.	2.9	80
57	Beyond the genomeâ€™Towards an epigenetic understanding of handedness ontogenesis. Progress in Neurobiology, 2017, 159, 69-89.	5.7	80
58	Menstrual cycle affects functional cerebral asymmetries. Neuropsychologia, 1995, 33, 855-865.	1.6	79
59	Extraordinary large brains in tool-using New Caledonian crows (Corvus moneduloides). Neuroscience Letters, 2008, 433, 241-245.	2.1	78
60	Laterality in the rubber hand illusion. Laterality, 2011, 16, 174-187.	1.0	78
61	Visual memory lateralization in pigeons. Neuropsychologia, 1990, 28, 1-7.	1.6	77
62	Sex differences in line bisection as a function of hand. Neuropsychologia, 2002, 40, 235-240.	1.6	76
63	Embryonic light stimulation induces different asymmetries in visuoperceptual and visuomotor pathways of pigeons. Behavioural Brain Research, 2002, 134, 149-156.	2.2	75
64	Atypical lateralization in neurodevelopmental and psychiatric disorders: What is the role of stress?. Cortex, 2020, 125, 215-232.	2.4	75
65	Visual lateralization and homing in pigeons. Behavioural Brain Research, 2004, 154, 301-310.	2.2	74
66	The neuroscience of impulsive and self-controlled decisions. International Journal of Psychophysiology, 2006, 62, 203-211.	1.0	74
67	Nonspatial and Subdivision-Specific Working Memory Deficits after Selective Lesions of the Avian Prefrontal Cortex. Journal of Neuroscience, 2002, 22, 9573-9580.	3.6	71
68	The Relationship Between Axon Density, Myelination, and Fractional Anisotropy in the Human Corpus Callosum. Cerebral Cortex, 2020, 30, 2042-2056.	2.9	70
69	Morphological asymmetries of the tectum opticum in the pigeon. Experimental Brain Research, 1997, 116, 561-566.	1.5	69
70	The receptor architecture of the pigeonsâ€™ nidopallium caudolaterale: an avian analogue to the mammalian prefrontal cortex. Brain Structure and Function, 2011, 216, 239-254.	2.3	68
71	Light experience induces differential asymmetry pattern of GABA- and parvalbumin-positive cells in the pigeon's visual midbrain. Journal of Chemical Neuroanatomy, 2003, 25, 249-259.	2.1	67
72	Recall deficits in stroke patients with thalamic lesions covary with damage to the parvocellular mediodorsal nucleus of the thalamus. Neuropsychologia, 2012, 50, 2477-2491.	1.6	67

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73	Volition and academic achievement: Interindividual differences in action control mediate the effects of conscientiousness and sex on secondary school grading.. Motivation Science, 2018, 4, 262-273.	1.6	64
74	Sex Differences in Functional Cerebral Asymmetries in a Repeated Measures Design. Brain and Cognition, 1999, 41, 263-275.	1.8	63
75	Monocular deprivation alters the direction of functional and morphological asymmetries in the pigeon's (<i>Columba livia</i>) visual system.. Behavioral Neuroscience, 1999, 113, 1257-1266.	1.2	63
76	Sex differences in cortical and subcortical recruitment during simple and complex motor control: An fMRI study. NeuroImage, 2007, 37, 912-926.	4.2	63
77	Visual lateralization of pattern discrimination in the bottlenose dolphin (<i>Tursiops truncatus</i>). Behavioural Brain Research, 2000, 107, 177-181.	2.2	61
78	Tectal mosaic: Organization of the descending tectal projections in comparison to the ascending tectofugal pathway in the pigeon. Journal of Comparative Neurology, 2004, 472, 395-410.	1.6	61
79	Creative thinking in schizophrenia: The role of executive dysfunction and symptom severity. Cognitive Neuropsychiatry, 2007, 12, 235-258.	1.3	61
80	Laterality and mental disorders in the postgenomic age â€œ A closer look at schizophrenia and language lateralization. Neuroscience and Biobehavioral Reviews, 2015, 59, 100-110.	6.1	61
81	Visual lateralization in the bottlenose dolphin (<i>Tursiops truncatus</i>): evidence for a population asymmetry?. Behavioural Brain Research, 2003, 142, 109-114.	2.2	58
82	Sensory Physiology: Vision. , 2000, , 1-19.		57
83	Distribution of neurotransmitter receptors and zinc in the pigeon (<i>Columba livia</i>) hippocampal formation: A basis for further comparison with the mammalian hippocampus. Journal of Comparative Neurology, 2014, 522, 2553-2575.	1.6	57
84	Neurite architecture of the planum temporale predicts neurophysiological processing of auditory speech. Science Advances, 2018, 4, eaar6830.	10.3	56
85	Avian and mammalian â€œprefrontal corticesâ€ Limited degrees of freedom in the evolution of the neural mechanisms of goal-state maintenance. Brain Research Bulletin, 2005, 66, 311-316.	3.0	55
86	How foraging works: Uncertainty magnifies food-seeking motivation. Behavioral and Brain Sciences, 2019, 42, e35.	0.7	55
87	Variation in the NMDA receptor 2B subunit gene GRIN2B is associated with differential language lateralization. Behavioural Brain Research, 2011, 225, 284-289.	2.2	54
88	Orthographic processing in pigeons (<i>Columba livia</i>). Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11272-11276.	7.1	53
89	The topographical projection of the nucleus isthmi pars parvocellularis (Ipc) onto the tectum opticum in the pigeon. Neuroscience Letters, 1990, 111, 18-22.	2.1	52
90	Insight without cortex: Lessons from the avian brain. Consciousness and Cognition, 2008, 17, 475-483.	1.5	52

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91	Visual acuity and hemispheric asymmetries in pigeons. <i>Behavioural Brain Research</i> , 1994, 60, 171-175.	2.2	51
92	The architecture of an inhibitory sidepath within the avian tectofugal system. <i>NeuroReport</i> , 2003, 14, 879-882.	1.2	51
93	Lateralization and cognitive systems. <i>Frontiers in Psychology</i> , 2014, 5, 1143.	2.1	49
94	Increased Cognitive Functioning in Symptomatic Huntington's Disease As Revealed by Behavioral and Event-Related Potential Indices of Auditory Sensory Memory and Attention. <i>Journal of Neuroscience</i> , 2008, 28, 11695-11702.	3.6	48
95	Head-turning asymmetries during kissing and their association with lateral preference. <i>Laterality</i> , 2009, 14, 79-85.	1.0	48
96	Is visual lateralization in pigeons sex-dependent?. <i>Behavioural Brain Research</i> , 1992, 47, 83-87.	2.2	47
97	Lateralization reversal after intertectal commissurotomy in the pigeon. <i>Brain Research</i> , 1987, 408, 1-5.	2.2	45
98	Visual-field-specific heterogeneity within the tecto-rotundal projection of the pigeon. <i>European Journal of Neuroscience</i> , 1999, 11, 2635-2650.	2.6	45
99	Embracing your emotions: affective state impacts lateralisation of human embraces. <i>Psychological Research</i> , 2019, 83, 26-36.	1.7	45
100	Association of Childhood Maltreatment With Interpersonal Distance and Social Touch Preferences in Adulthood. <i>American Journal of Psychiatry</i> , 2020, 177, 37-46.	7.2	45
101	Role of the Prefrontal Cortex in Attentional Control over Bistable Vision. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 456-471.	2.3	45
102	Interhemispheric interaction during the menstrual cycle. <i>Neuropsychologia</i> , 2008, 46, 2415-2422.	1.6	44
103	Connectivity and neurochemistry of the commissura anterior of the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2016, 524, 343-361.	1.6	44
104	Hugs and kisses â€œ The role of motor preferences and emotional lateralization for hemispheric asymmetries in human social touch. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 353-360.	6.1	44
105	Different sets of afferents are demonstrated by the fluorescent tracers fast blue and rhodamine. <i>Journal of Neuroscience Methods</i> , 1993, 49, 103-111.	2.5	43
106	Asymmetrical Modes of Visual Bottom-Up and Top-Down Integration in the Thalamic Nucleus Rotundus of Pigeons. <i>Journal of Neuroscience</i> , 2004, 24, 9475-9485.	3.6	43
107	Dual coding of visual asymmetries in the pigeon brain: the interaction of bottom-up and top-down systems. <i>Experimental Brain Research</i> , 2009, 199, 323-332.	1.5	43
108	Sex differences in oral asymmetries during wordrepetition. <i>Neuropsychologia</i> , 1998, 36, 1397-1402.	1.6	42

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109	Nucleus isthmi, pars semilunaris as a key component of the tectofugal visual system in pigeons. <i>Journal of Comparative Neurology</i> , 2001, 436, 153-166.	1.6	42
110	Cholecystokinin A Receptor (CCKAR) Gene Variation Is Associated with Language Lateralization. <i>PLoS ONE</i> , 2013, 8, e53643.	2.5	42
111	â€œNaturalâ€™ and artificial monocular deprivation effects on thalamic soma sizes in pigeons. <i>NeuroReport</i> , 1999, 10, 3223-3228.	1.2	41
112	Differential increase of extracellular dopamine and serotonin in the â€œprefrontal cortexâ€™ and striatum of pigeons during working memory. <i>European Journal of Neuroscience</i> , 2007, 26, 2293-2302.	2.6	41
113	The evolutionary origins of functional cerebral asymmetries in humans: Does lateralization enhance parallel processing?. <i>Behavioural Brain Research</i> , 2008, 187, 297-303.	2.2	41
114	Lateralized rewardâ€™related visual discrimination in the avian entopallium. <i>European Journal of Neuroscience</i> , 2012, 35, 1337-1343.	2.6	41
115	FOXP2 variation modulates functional hemispheric asymmetries for speech perception. <i>Brain and Language</i> , 2013, 126, 279-284.	1.6	41
116	A comparative analysis of the dopaminergic innervation of the executive caudal nidopallium in pigeon, chicken, zebra finch, and carrion crow. <i>Journal of Comparative Neurology</i> , 2020, 528, 2929-2955.	1.6	41
117	Ascending and descending mechanisms of visual lateralization in pigeons. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 955-963.	4.0	40
118	Dichotic listening revisited: Trial-by-trial ERP analyses reveal intra- and interhemispheric differences. <i>Neuropsychologia</i> , 2009, 47, 536-545.	1.6	40
119	Visual experience affects handedness. <i>Behavioural Brain Research</i> , 2010, 207, 447-451.	2.2	40
120	A 3-dimensional digital atlas of the ascending sensory and the descending motor systems in the pigeon brain. <i>Brain Structure and Function</i> , 2013, 218, 269-281.	2.3	40
121	Hemispheric asymmetries in cortical gray matter microstructure identified by neurite orientation dispersion and density imaging. <i>NeuroImage</i> , 2019, 189, 667-675.	4.2	40
122	The differential distribution of AMPA-receptor subunits in the tectofugal system of the pigeon. <i>Brain Research</i> , 1998, 785, 114-128.	2.2	39
123	Dominant Vertical Orientation Processing without Clustered Maps: Early Visual Brain Dynamics Imaged with Voltage-Sensitive Dye in the Pigeon Visual Wulst. <i>Journal of Neuroscience</i> , 2010, 30, 6713-6725.	3.6	39
124	Stimulus-Response-Outcome Coding in the Pigeon Nidopallium Caudolaterale. <i>PLoS ONE</i> , 2013, 8, e57407.	2.5	39
125	Neglect after section of a left telencephalotectal tract in pigeons. <i>Behavioural Brain Research</i> , 1985, 18, 1-9.	2.2	38
126	Dissociating Prelexical and Postlexical Processing of Affective Information in the Two Hemispheres: Effects of the Stimulus Presentation Format. <i>Brain and Language</i> , 2002, 80, 269-286.	1.6	38

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127	Anatomical markers for the subdivisions of the barn owl's inferior collicular complex and adjacent periaqueductal and subventricular structures. <i>Journal of Comparative Neurology</i> , 2003, 465, 145-159.	1.6	38
128	Dissociation of Extinction and Behavioral Disinhibition: The Role of NMDA Receptors in the Pigeon Associative Forebrain during Extinction. <i>Journal of Neuroscience</i> , 2003, 23, 8119-8124.	3.6	37
129	Insight problem solving in individuals with high versus low schizotypy. <i>Journal of Research in Personality</i> , 2007, 41, 473-480.	1.7	37
130	Navigation-induced ZENK expression in the olfactory system of pigeons (<i>Columba livia</i>). <i>European Journal of Neuroscience</i> , 2010, 31, 2062-2072.	2.6	37
131	Neural architecture of choice behaviour in a concurrent interval schedule. <i>European Journal of Neuroscience</i> , 2003, 18, 2627-2637.	2.6	36
132	Magnetoreception of Directional Information in Birds Requires Nondegraded Vision. <i>Current Biology</i> , 2010, 20, 1259-1262.	3.9	36
133	Lateralization of visuospatial processing in the bottlenose dolphin (<i>Tursiops truncatus</i>). <i>Behavioural Brain Research</i> , 2000, 116, 211-215.	2.2	35
134	Left hemispheric advantage for numerical abilities in the bottlenose dolphin. <i>Behavioural Processes</i> , 2005, 68, 179-184.	1.1	35
135	Effects of feather pecking phenotype (severe feather peckers, victims and non-peckers) on serotonergic and dopaminergic activity in four brain areas of laying hens (<i>Gallus gallus domesticus</i>). <i>Physiology and Behavior</i> , 2013, 120, 77-82.	2.1	35
136	Development of the retinotectal system in the pigeon: a cytoarchitectonic and tracing study with cholera toxin. <i>Anatomy and Embryology</i> , 1997, 195, 539-555.	1.5	34
137	Beyond frontal alpha: investigating hemispheric asymmetries over the EEG frequency spectrum as a function of sex and handedness. <i>Laterality</i> , 2019, 24, 505-524.	1.0	34
138	Stress induces a functional asymmetry in an emotional attention task. <i>Cognition and Emotion</i> , 2013, 27, 558-566.	2.0	33
139	Functional MRI and functional connectivity of the visual system of awake pigeons. <i>Behavioural Brain Research</i> , 2013, 239, 43-50.	2.2	33
140	Apes, feathered apes, and pigeons: differences and similarities. <i>Current Opinion in Behavioral Sciences</i> , 2017, 16, 35-40.	3.9	33
141	fMRI Reveals a Novel Region for Evaluating Acoustic Information for Mate Choice in a Female Songbird. <i>Current Biology</i> , 2018, 28, 711-721.e6.	3.9	33
142	Hemispheric dominance and gender in the perception of an illusion. <i>Neuropsychologia</i> , 1999, 37, 1041-1047.	1.6	32
143	Transient inactivation of the pigeon hippocampus or the nidopallium caudolaterale during extinction learning impairs extinction retrieval in an appetitive conditioning paradigm. <i>Behavioural Brain Research</i> , 2014, 265, 93-100.	2.2	32
144	The motor side of emotions: investigating the relationship between hemispheres, motor reactions and emotional stimuli. <i>Psychological Research</i> , 2012, 76, 311-316.	1.7	31

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145	Abnormal interhemispheric motor interactions in patients with callosal agenesis. <i>Behavioural Brain Research</i> , 2015, 293, 1-9.	2.2	31
146	Asymmetric top-down modulation of ascending visual pathways in pigeons. <i>Neuropsychologia</i> , 2016, 83, 37-47.	1.6	31
147	â€œLet There be Light!â€pigeon eggs are regularly exposed to light during breeding. <i>Behavioural Processes</i> , 2006, 73, 62-67.	1.1	30
148	Functional organization of telencephalic visual association fields in pigeons. <i>Behavioural Brain Research</i> , 2016, 303, 93-102.	2.2	30
149	Memory-updating abrogates extinction of learned immunosuppression. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 40-48.	4.1	30
150	More than words (and faces): evidence for a Stroop effect of prosody inâ€emotion word processing. <i>Cognition and Emotion</i> , 2017, 31, 879-891.	2.0	30
151	Functional cerebral lateralization and interhemispheric interaction in patients with callosal agenesis.. <i>Neuropsychology</i> , 2015, 29, 806-815.	1.3	30
152	Orientation and lateralized cue use in pigeons navigating a large indoor environment. <i>Journal of Experimental Biology</i> , 2002, 205, 1795-805.	1.7	30
153	Functional aspects of dopamine metabolism in the putative prefrontal cortex analogue and striatum of pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2002, 446, 58-67.	1.6	29
154	Looming responses of telencephalic neurons in the pigeon are modulated by optic flow. <i>Brain Research</i> , 2009, 1305, 40-46.	2.2	29
155	Neuronal encoding of meaning: Establishing category-selective response patterns in the avian â€prefrontal cortexâ€. <i>Behavioural Brain Research</i> , 2009, 198, 214-223.	2.2	29
156	Noradrenergic stimulation modulates activation of extinction-related brain regions and enhances contextual extinction learning without affecting renewal. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 34.	2.0	29
157	Juvenile Arthritis Patients Suffering from Chronic Inflammation Have Increased Activity of Both IDO and GTP-CH1 Pathways But Decreased BH4 Efficacy: Implications for Well-Being, Including Fatigue, Cognitive Impairment, Anxiety, and Depression. <i>Pharmaceuticals</i> , 2019, 12, 9.	3.8	29
158	The visual acuity for the lateral visual field of the pigeon (<i>Columba livia</i>). <i>Vision Research</i> , 1993, 33, 1659-1664.	1.4	28
159	Neural substrates for serial reaction time tasks in pigeons. <i>Behavioural Brain Research</i> , 2012, 230, 132-143.	2.2	28
160	The Functional Genetics of Handedness and Language Lateralization: Insights from Gene Ontology, Pathway and Disease Association Analyses. <i>Frontiers in Psychology</i> , 2017, 8, 1144.	2.1	28
161	Transmitter receptors reveal segregation of the arcopallium/amygdala complex in pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2018, 526, 439-466.	1.6	28
162	AAV1 is the optimal viral vector for optogenetic experiments in pigeons (<i>Columba livia</i>). <i>Communications Biology</i> , 2021, 4, 100.	4.4	28

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