Onur GÃ¼ntÃ¼rkÃ¼n

List of Publications by Year
in descending order

339 papers	17,070 citations	16791 66 h-index	27587 110 g-index
350 all docs	350 docs citations	350 times ranked	11353 citing authors

#	Article	IF	Citations
1	Polygenic scores for handedness and their association with asymmetries in brain structure. Brain Structure and Function, 2022, 227, 515-527.	1.2	6
2	High associative neuron numbers could drive cognitive performance in corvid species. Journal of Comparative Neurology, 2022, 530, 1588-1605.	0.9	23
3	Digital embryos: a novel technical approach to investigate perceptual categorization in pigeons (Columba livia) using machine learning. Animal Cognition, 2022, 25, 793-805.	0.9	2
4	Neurite density imaging in amygdala nuclei reveals interindividual differences in neuroticism. Human Brain Mapping, 2022, 43, 2051-2063.	1.9	3
5	â€œPrefrontalâ€•Neuronal Foundations of Visual Asymmetries in Pigeons. Frontiers in Physiology, 2022, 13, 882597.	1.3	1
6	Cognitive and Neurophysiological Models of Brain Asymmetry. Symmetry, 2022, 14, 971.	1.1	1
7	Trial-by-trial dynamics of reward prediction error-associated signals during extinction learning and renewal. Progress in Neurobiology, 2021, 197, 101901.	2.8	18
8	Investigating real-life emotions in romantic couples: a mobile EEG study. Scientific Reports, 2021, 11, 1142.	1.6	23
9	AAV1 is the optimal viral vector for optogenetic experiments in pigeons (Columba livia). Communications Biology, 2021, 4, 100.	2.0	28
10	The commissura anterior compensates asymmetries of visual representation in pigeons. Laterality, 2021, 26, 213-237.	0.5	6
11	The conscious crow. Learning and Behavior, 2021, 49, 3-4.	0.5	2
12	Polygenic Scores for Cognitive Abilities and Their Association with Different Aspects of General Intelligenceâ€”A Deep Phenotyping Approach. Molecular Neurobiology, 2021, 58, 4145-4156.	1.9	17
13	Mirror Self-Recognition in Pigeons: Beyond the Pass-or-Fail Criterion. Frontiers in Psychology, 2021, 12, 669039.	1.1	7
14	Visual and Tactile Sensory Systems Share Common Features in Object Recognition. ENeuro, 2021, 8, ENEURO.0101-21.2021.	0.9	7
15	A hierarchical processing unit for multi-component behavior in the avian brain. IScience, 2021, 24, 103195.	1.9	5
16	Avian pallial circuits and cognition: A comparison to mammals. Current Opinion in Neurobiology, 2021, 71, 29-36.	2.0	27
17	Unihemispheric evidence accumulation in pigeons.. Journal of Experimental Psychology Animal Learning and Cognition, 2021, 47, 303-316.	0.3	4
18	Association of Childhood Maltreatment With Interpersonal Distance and Social Touch Preferences in Adulthood. American Journal of Psychiatry, 2020, 177, 37-46.	4.0	45

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19	How competitive is cue competition?. Quarterly Journal of Experimental Psychology, 2020, 73, 104-114.	0.6	7
20	Asymmetries in social touchâ€"motor and emotional biases on lateral preferences in embracing, cradling and kissing. Laterality, 2020, 25, 325-348.	0.5	19
21	Boom Chack Boomâ€"A multimethod investigation of motor inhibition in professional drummers. Brain and Behavior, 2020, 10, e01490.	1.0	4
22	A large-scale estimate on the relationship between language and motor lateralization. Scientific Reports, 2020, 10, 13027.	1.6	23
23	Lateralization of Auditory Processing of Silbo Gomero. Symmetry, 2020, 12, 1183.	1.1	3
24	Nuclear organization and morphology of catecholaminergic neurons and certain pallial terminal networks in the brain of the Nile crocodile, Crocodylus niloticus. Journal of Chemical Neuroanatomy, 2020, 109, 101851.	1.0	2
25	Event-related functional MRI of awake behaving pigeons at 7T. Nature Communications, 2020, 11, 4715.	5.8	21
26	A cortex-like canonical circuit in the avian forebrain. Science, 2020, 369, .	6.0	133
27	Childhood Maltreatment Alters the Neural Processing of Chemosensory Stress Signals. Frontiers in Psychiatry, 2020, 11, 783.	1.3	12
28	Lightâ€dependent development of the tectorotundal projection in pigeons. European Journal of Neuroscience, 2020, 52, 3561-3571.	1.2	13
29	Brain Lateralization: A Comparative Perspective. Physiological Reviews, 2020, 100, 1019-1063.	13.1	228
30	Immediate early gene fingerprints of multi-component behaviour. Scientific Reports, 2020, 10, 384.	1.6	7
31	Atypical lateralization in neurodevelopmental and psychiatric disorders: What is the role of stress?. Cortex, 2020, 125, 215-232.	1.1	75
32	Using Mobile EEG to Investigate Alpha and Beta Asymmetries During Hand and Foot Use. Frontiers in Neuroscience, 2020, 14, 109.	1.4	26
33	A comparative analysis of the dopaminergic innervation of the executive caudal nidopallium in pigeon, chicken, zebra finch, and carrion crow. Journal of Comparative Neurology, 2020, 528, 2929-2955.	0.9	41
34	The Relationship Between Axon Density, Myelination, and Fractional Anisotropy in the Human Corpus Callosum. Cerebral Cortex, 2020, 30, 2042-2056.	1.6	70
35	A three-dimensional digital atlas of the Nile crocodile (Crocodylus niloticus) forebrain. Brain Structure and Function, 2020, 225, 683-703.	1.2	4
36	The relationship between problem-solving ability and laterality in cats. Behavioural Brain Research, 2020, 391, 112691.	1.2	12

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37	Beyond the classic extinction network: a wider, comparative view. Neuroforum, 2020, 26, 161-169.	0.2	1
38	Lâ€™Ã©tonnant cerveau des oiseaux. , 2020, NÂ° 120, 22-29.		1
39	Lâ€™Ã©tonnant cerveau des oiseaux. Pourlascience Fr, 2020, NÂ° 510 - avril, 48-56.	0.0	0
40	Emerging category representation in the visual forebrain hierarchy of pigeons (Columba livia). Behavioural Brain Research, 2019, 356, 423-434.	1.2	24
41	Genetic variation in dopamine availability modulates the self-reported level of action control in a sex-dependent manner. Social Cognitive and Affective Neuroscience, 2019, 14, 759-768.	1.5	3
42	Understanding segregated laterality phenotypes needs a comparative perspective on both genotype and envirotype. Physics of Life Reviews, 2019, 30, 25-26.	1.5	2
43	Schizotypy and altered hemispheric asymmetries: The role of cilia genes. Psychiatry Research - Neuroimaging, 2019, 294, 110991.	0.9	5
44	Blocking NMDA-Receptors in the Pigeonâ€™s Medial Striatum Impairs Extinction Acquisition and Induces a Motoric Disinhibition in an Appetitive Classical Conditioning Paradigm. Frontiers in Behavioral Neuroscience, 2019, 13, 153.	1.0	3
45	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. Pharmaceuticals, 2019, 12, 9.	1.7	29
46	Transient inactivation of the visual-associative nidopallium frontolaterale (NFL) impairs extinction learning and context encoding in pigeons. Neurobiology of Learning and Memory, 2019, 158, 50-59.	1.0	8
47	Hemispheric asymmetries in cortical gray matter microstructure identified by neurite orientation dispersion and density imaging. NeuroImage, 2019, 189, 667-675.	2.1	40
48	Building an Asymmetrical Brain: The Molecular Perspective. Frontiers in Psychology, 2019, 10, 982.	1.1	23
49	Renewal of extinguished behavior in pigeons (Columba livia) does not require memory consolidation of acquisition or extinction in a free-operant appetitive conditioning paradigm. Behavioural Brain Research, 2019, 370, 111947.	1.2	10
50	Structural Asymmetry in the Frontal and Temporal Lobes Is Associated with PCSK6 VNTR Polymorphism. Molecular Neurobiology, 2019, 56, 7765-7773.	1.9	4
51	DNA methylation of dopamine-related gene promoters is associated with line bisection deviation in healthy adults. Scientific Reports, 2019, 9, 5902.	1.6	6
52	Meta-Control in Pigeons (Columba livia) and the Role of the Commissura Anterior. Symmetry, 2019, 11, 124.	1.1	3
53	The neurophysiological correlates of handedness: Insights from the lateralized readiness potential. Behavioural Brain Research, 2019, 364, 114-122.	1.2	24
54	Beyond frontal alpha: investigating hemispheric asymmetries over the EEG frequency spectrum as a function of sex and handedness. Laterality, 2019, 24, 505-524.	0.5	34

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55	Myelin Water Fraction Imaging Reveals Hemispheric Asymmetries in Human White Matter That Are Associated with Genetic Variation in PLP1. Molecular Neurobiology, 2019, 56, 3999-4012.	1.9	14
56	Embracing your emotions: affective state impacts lateralisation of human embraces. Psychological Research, 2019, 83, 26-36.	1.0	45
57	How foraging works: Uncertainty magnifies food-seeking motivation. Behavioral and Brain Sciences, 2019, 42, e35.	0.4	55
58	Oxytocin reduces a chemosensory-induced stress bias in social perception. Neuropsychopharmacology, 2019, 44, 281-288.	2.8	26
59	Incentive hope: A default psychological response to multiple forms of uncertainty. Behavioral and Brain Sciences, 2019, 42, e58.	0.4	2
60	fMRI Reveals a Novel Region for Evaluating Acoustic Information for Mate Choice in a Female Songbird. Current Biology, 2018, 28, 711-721.e6.	1.8	33
61	Functional MRI in the Nile crocodile: a new avenue for evolutionary neurobiology. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180178.	1.2	15
62	NMDA receptors in the avian amygdala and the premotor arcopallium mediate distinct aspects of appetitive extinction learning. Behavioural Brain Research, 2018, 343, 71-82.	1.2	16
63	PLP1 Gene Variation Modulates Leftward and Rightward Functional Hemispheric Asymmetries. Molecular Neurobiology, 2018, 55, 7691-7700.	1.9	7
64	Foraging motivation favors the occurrence of LÃ©vy walks. Behavioural Processes, 2018, 147, 48-60.	0.5	7
65	The neuroscience of perceptual categorization in pigeons: A mechanistic hypothesis. Learning and Behavior, 2018, 46, 229-241.	0.5	21
66	Cognitive Control Processes and Functional Cerebral Asymmetries: Association with Variation in the Handedness-Associated Gene LRRTM1. Molecular Neurobiology, 2018, 55, 2268-2274.	1.9	8
67	In vivo measurement of T₁ and T₂ relaxation times in awake pigeon and rat brains at 7T. Magnetic Resonance in Medicine, 2018, 79, 1090-1100.	1.9	18
68	Long-term behavioral sensitization to apomorphine is independent of conditioning and increases conditioned pecking, but not preference, in pigeons. Behavioural Brain Research, 2018, 336, 122-134.	1.2	7
69	Transmitter receptors reveal segregation of the arcopallium/amygdala complex in pigeons (Columba livia). Journal of Comparative Neurology, 2018, 526, 439-466.	0.9	28
70	KIAA0319 promoter DNA methylation predicts dichotic listening performance in forced-attention conditions. Behavioural Brain Research, 2018, 337, 1-7.	1.2	19
71	DNA methylation in candidate genes for handedness predicts handedness direction. Laterality, 2018, 23, 441-461.	0.5	20
72	Sonderforschungsbereich (SFB 1280) â€žExtinktionslernenâ€œ. Neuroforum, 2018, 24, 129-134.	0.2	0

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73	Asymmetrical Commissural Control of the Subdominant Hemisphere in Pigeons. Cell Reports, 2018, 25, 1171-1180.e3.	2.9	16
74	Hugs and kisses â€“ The role of motor preferences and emotional lateralization for hemispheric asymmetries in human social touch. Neuroscience and Biobehavioral Reviews, 2018, 95, 353-360.	2.9	44
75	Diffusion markers of dendritic density and arborization in gray matter predict differences in intelligence. Nature Communications, 2018, 9, 1905.	5.8	119
76	The Connected Hemispheresâ€"The Role of the Corpus Callosum for Hemispheric Asymmetries. , 2018, , 57-85.		1
77	Hemispheric Asymmetries Over the Lifespan. , 2018, , 263-288.		3
78	Language and the Left Hemisphere. , 2018, , 87-121.		3
79	Evolution of Asymmetries. , 2018, , 27-55.		0
80	Neurite architecture of the planum temporale predicts neurophysiological processing of auditory speech. Science Advances, 2018, 4, eaar6830.	4.7	56
81	The Structural and Functional Signature of Action Control. Psychological Science, 2018, 29, 1620-1630.	1.8	12
82	PLP1 and CNTN1 gene variation modulates the microstructure of human white matter in the corpus callosum. Brain Structure and Function, 2018, 223, 3875-3887.	1.2	10
83	Bacterial Lipopolysaccharide Increases Serotonin Metabolism in Both Medial Prefrontal Cortex and Nucleus Accumbens in Male Wild Type Rats, but Not in Serotonin Transporter Knockout Rats. Pharmaceuticals, 2018, 11, 66.	1.7	15
84	Methylation of MORC1: A possible biomarker for depression?. Journal of Psychiatric Research, 2018, 103, 208-211.	1.5	12
85	Pigeons consistently prefer easy over harder access to food: No reversal after direct dopaminergic stimulation.. Behavioral Neuroscience, 2018, 132, 293-301.	0.6	4
86	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.	1.2	64
87	More than words (and faces): evidence for a Stroop effect of prosody inÂemotion word processing. Cognition and Emotion, 2017, 31, 879-891.	1.2	30
88	Sneaking a peek: pigeons use peripheral vision (not mirrors) to find hidden food. Animal Cognition, 2017, 20, 677-688.	0.9	4
89	Ontogenesis of Lateralization. Neuron, 2017, 94, 249-263.	3.8	179
90	Long-term reliability of the visual EEG Poffenberger paradigm. Behavioural Brain Research, 2017, 330, 85-91.	1.2	19

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91	Apes, feathered apes, and pigeons: differences and similarities. Current Opinion in Behavioral Sciences, 2017, 16, 35-40.	2.0	33
92	Callosal microstructure affects the timing of electrophysiological left-right differences. NeuroImage, 2017, 163, 310-318.	2.1	19
93	How unpredictable access to food increases the body fat of small passerines: A mechanistic approach. Behavioural Processes, 2017, 144, 33-45.	0.5	17
94	Functional Connectivity Pattern of the Internal Hippocampal Network in Awake Pigeons: A Resting-State fMRI Study. Brain, Behavior and Evolution, 2017, 90, 62-72.	0.9	14
95	Visuospatial attention in the lateralised brain of pigeons â€“ a matter of ontogenetic light experiences. Scientific Reports, 2017, 7, 15547.	1.6	15
96	Beyond the genomeâ€”Towards an epigenetic understanding of handedness ontogenesis. Progress in Neurobiology, 2017, 159, 69-89.	2.8	80
97	Do â€˜literateâ€™ pigeons (Columba livia) show mirror-word generalization?. Animal Cognition, 2017, 20, 999-1002.	0.9	2
98	Integration of contextual cues into memory depends on â€œprefrontalâ€•N-methyl-D-aspartate receptors. Neurobiology of Learning and Memory, 2017, 144, 19-26.	1.0	7
99	Myelin Genes and the Corpus Callosum: Proteolipid Protein 1 (PLP1) and Contactin 1 (CNTN1) Gene Variation Modulates Interhemispheric Integration. Molecular Neurobiology, 2017, 54, 7908-7916.	1.9	7
100	Adjusting foraging strategies: a comparison of rural and urban common mynas (Acridotheres tristis). Animal Cognition, 2017, 20, 65-74.	0.9	21
101	The 5-HT1A/1B-receptor agonist eltoprazine increases both catecholamine release in the prefrontal cortex and dopamine release in the nucleus accumbens and decreases motivation for reward and â€œwaitingâ€•impulsivity, but increases â€œstoppingâ€•impulsivity. European Journal of Pharmacology, 2017, 794, 257-269.	1.7	12
102	The Functional Genetics of Handedness and Language Lateralization: Insights from Gene Ontology, Pathway and Disease Association Analyses. Frontiers in Psychology, 2017, 8, 1144.	1.1	28
103	The Genetics of Asymmetry: Whole Exome Sequencing in a Consanguineous Turkish Family with an Overrepresentation of Left-Handedness. Symmetry, 2017, 9, 66.	1.1	2
104	Lateralization of the Avian Magnetic Compass: Analysis of Its Early Plasticity. Symmetry, 2017, 9, 77.	1.1	2
105	Effects of Emotional Valence on Hemispheric Asymmetries in Response Inhibition. Symmetry, 2017, 9, 145.	1.1	10
106	Epigenetic regulation of lateralized fetal spinal gene expression underlies hemispheric asymmetries. ELife, 2017, 6, .	2.8	101
107	Tract Tracing and Histological Techniques. Neuromethods, 2017, , 277-312.	0.2	0
108	Editorial: Extinction Learning from a Mechanistic and Systems Perspective. Frontiers in Behavioral Neuroscience, 2016, 10, 115.	1.0	1

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109	Cryptochrome 1b: a possible inducer of visual lateralization in pigeons?. European Journal of Neuroscience, 2016, 43, 162-168.	1.2	4
110	A GABAergic tectoâ€“tegmentoâ€“tectal pathway in pigeons. Journal of Comparative Neurology, 2016, 524, 2886-2913.	0.9	13
111	Functional organization of telencephalic visual association fields in pigeons. Behavioural Brain Research, 2016, 303, 93-102.	1.2	30
112	Voxel-wise grey matter asymmetry analysis in left- and right-handers. Neuroscience Letters, 2016, 633, 210-214.	1.0	24
113	Connectivity and neurochemistry of the commissura anterior of the pigeon (Columba livia). Journal of Comparative Neurology, 2016, 524, 343-361.	0.9	44
114	Categories in the pigeon brain: A reverse engineering approach. Journal of the Experimental Analysis of Behavior, 2016, 105, 111-122.	0.8	21
115	Orthographic processing in pigeons (Columba livia). Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11272-11276.	3.3	53
116	Context specificity of both acquisition and extinction of a Pavlovian conditioned response. Learning and Memory, 2016, 23, 639-643.	0.5	6
117	Neurons in the pigeon caudolateral nidopallium differentiate Pavlovian conditioned stimuli but not their associated reward value in a sign-tracking paradigm. Scientific Reports, 2016, 6, 35469.	1.6	7
118	Stress and laterality â€“ The comparative perspective. Physiology and Behavior, 2016, 164, 321-329.	1.0	85
119	An interplay of fusiform gyrus and hippocampus enables prototype- and exemplar-based category learning. Behavioural Brain Research, 2016, 311, 239-246.	1.2	22
120	Intrahemispheric white matter asymmetries: the missing link between brain structure and functional lateralization?. Reviews in the Neurosciences, 2016, 27, 465-480.	1.4	80
121	Left-Right Axis Differentiation and Functional Lateralization: a Haplotype in the Methyltransferase Encoding Gene SETDB2 Might Mediate Handedness in Healthy Adults. Molecular Neurobiology, 2016, 53, 6355-6361.	1.9	16
122	Cognition without Cortex. Trends in Cognitive Sciences, 2016, 20, 291-303.	4.0	287
123	The Neural Basis of Long-Distance Navigation in Birds. Annual Review of Physiology, 2016, 78, 133-154.	5.6	107
124	Asymmetric top-down modulation of ascending visual pathways in pigeons. Neuropsychologia, 2016, 83, 37-47.	0.7	31
125	Memory-updating abrogates extinction of learned immunosuppression. Brain, Behavior, and Immunity, 2016, 52, 40-48.	2.0	30
126	A three-dimensional digital atlas of the starling brain. Brain Structure and Function, 2016, 221, 1899-1909.	1.2	22

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127	The metabotropic glutamate receptor, mGlu5, is required for extinction learning that occurs in the absence of a context change. Hippocampus, 2015, 25, 149-158.	0.9	25
128	Handedness and the X chromosome: The role of androgen receptor CAG-repeat length. Scientific Reports, 2015, 5, 8325.	1.6	97
129	Network structure of functional hippocampal lateralization in birds. Hippocampus, 2015, 25, 1418-1428.	0.9	23
130	Noradrenergic stimulation modulates activation of extinction-related brain regions and enhances contextual extinction learning without affecting renewal. Frontiers in Behavioral Neuroscience, 2015, 9, 34.	1.0	29
131	Blocking NMDA-receptors in the pigeonâ€™s â€œprefrontalâ€•caudal nidopallium impairs appetitive extinction learning in a sign-tracking paradigm. Frontiers in Behavioral Neuroscience, 2015, 9, 85.	1.0	16
132	Left dominance for language perception starts in the extrastriate cortex: An ERP and sLORETA study. Behavioural Brain Research, 2015, 291, 325-333.	1.2	14
133	Abnormal interhemispheric motor interactions in patients with callosal agenesis. Behavioural Brain Research, 2015, 293, 1-9.	1.2	31
134	Electrophysiological mismatch response recorded in awake pigeons from the avian functional equivalent of the primary auditory cortex. NeuroReport, 2015, 26, 239-244.	0.6	19
135	Distribution of serotonin 5-HT 1A -binding sites in the brainstem and the hypothalamus, and their roles in 5-HT-induced sleep and ingestive behaviors in rock pigeons (Columba livia). Behavioural Brain Research, 2015, 295, 45-63.	1.2	15
136	Laterality and mental disorders in the postgenomic age â€“ A closer look at schizophrenia and language lateralization. Neuroscience and Biobehavioral Reviews, 2015, 59, 100-110.	2.9	61
137	Whistled Turkish alters language asymmetries. Current Biology, 2015, 25, R706-R708.	1.8	22
138	Functional cerebral lateralization and interhemispheric interaction in patients with callosal agenesis.. Neuropsychology, 2015, 29, 806-815.	1.0	30
139	Perceptual Strategies of Pigeons to Detect a Rotational Centreâ€”A Hint for Star Compass Learning?. PLoS ONE, 2015, 10, e0119919.	1.1	12
140	Lateralization and cognitive systems. Frontiers in Psychology, 2014, 5, 1143.	1.1	49
141	Die Taube (Columba livia) als Modellorganismus in der kognitiven Neurowissenschaft. E-Neuroforum, 2014, 20, 287-295.	0.2	1
142	Neurons in the pigeon nidopallium caudolaterale signal the selection and execution of perceptual decisions. European Journal of Neuroscience, 2014, 40, 3316-3327.	1.2	26
143	Is Dolphin Cognition Special?. Brain, Behavior and Evolution, 2014, 83, 177-180.	0.9	19
144	Serotonin release in the caudal nidopallium of adult laying hens genetically selected for high and low feather pecking behavior: An in vivo microdialysis study. Behavioural Brain Research, 2014, 268, 81-87.	1.2	11

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145	The putative pigeon homologue to song bird LMAN does not modulate behavioral variability. Behavioural Brain Research, 2014, 263, 144-148.	1.2	0
146	The ontogenesis of language lateralization and its relation to handedness. Neuroscience and Biobehavioral Reviews, 2014, 43, 191-198.	2.9	130
147	Distribution of neurotransmitter receptors and zinc in the pigeon (Columba livia) hippocampal formation: A basis for further comparison with the mammalian hippocampus. Journal of Comparative Neurology, 2014, 522, 2553-2575.	0.9	57
148	An Oxytocin-Induced Facilitation of Neural and Emotional Responses to Social Touch Correlates Inversely with Autism Traits. Neuropsychopharmacology, 2014, 39, 2078-2085.	2.8	214
149	The type of implicit motive enactment is modulated by sex hormones in naturally cycling women. Physiology and Behavior, 2014, 123, 119-126.	1.0	8
150	Transient inactivation of the pigeon hippocampus or the nidopallium caudolaterale during extinction learning impairs extinction retrieval in an appetitive conditioning paradigm. Behavioural Brain Research, 2014, 265, 93-100.	1.2	32
151	Evidence for interhemispheric conflict during meta-control in pigeons. Behavioural Brain Research, 2014, 270, 146-150.	1.2	13
152	Recording Single Neurons' Action Potentials from Freely Moving Pigeons Across Three Stages of Learning. Journal of Visualized Experiments, 2014, , .	0.2	7
153	Stress induces a functional asymmetry in an emotional attention task. Cognition and Emotion, 2013, 27, 558-566.	1.2	33
154	Motion parallax processing in pigeon (Columba livia) pretectal neurons. European Journal of Neuroscience, 2013, 37, 1103-1111.	1.2	16
155	Visual asymmetries and the ascending thalamofugal pathway in pigeons. Brain Structure and Function, 2013, 218, 1197-1209.	1.2	25
156	FOXP2 variation modulates functional hemispheric asymmetries for speech perception. Brain and Language, 2013, 126, 279-284.	0.8	41
157	Variability in ratings of trustworthiness across the menstrual cycle. Biological Psychology, 2013, 93, 52-57.	1.1	21
158	Effects of feather pecking phenotype (severe feather peckers, victims and non-peckers) on serotonergic and dopaminergic activity in four brain areas of laying hens (Gallus gallus domesticus). Physiology and Behavior, 2013, 120, 77-82.	1.0	35
159	Limb preferences in non-human vertebrates. Laterality, 2013, 18, 536-575.	0.5	143
160	Oxytocin enhances brain reward system responses in men viewing the face of their female partner. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20308-20313.	3.3	320
161	Handedness: A neurogenetic shift of perspective. Neuroscience and Biobehavioral Reviews, 2013, 37, 2788-2793.	2.9	96
162	A 3-dimensional digital atlas of the ascending sensory and the descending motor systems in the pigeon brain. Brain Structure and Function, 2013, 218, 269-281.	1.2	40

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163	Suboptimal criterion setting in a perceptual choice task with asymmetric reinforcement. Behavioural Processes, 2013, 96, 59-70.	0.5	12
164	Selection for low mortality in laying hens affects catecholamine levels in the arcopallium, a brain area involved in fear and motor regulation. Behavioural Brain Research, 2013, 257, 54-61.	1.2	18
165	Striatal dopamine D1 receptors are involved in the dissociation of learning based on reward-magnitude. Neuroscience, 2013, 230, 132-138.	1.1	12
166	Functional MRI and functional connectivity of the visual system of awake pigeons. Behavioural Brain Research, 2013, 239, 43-50.	1.2	33
167	Lateralisation of conspecific vocalisation in non-human vertebrates. Laterality, 2013, 18, 1-31.	0.5	103
168	Response inhibition is modulated by functional cerebral asymmetries for facial expression perception. Frontiers in Psychology, 2013, 4, 879.	1.1	15
169	Identification of two forebrain structures that mediate execution of memorized sequences in the pigeon. Journal of Neurophysiology, 2013, 109, 958-968.	0.9	24
170	Stimulus-Response-Outcome Coding in the Pigeon Nidopallium Caudolaterale. PLoS ONE, 2013, 8, e57407.	1.1	39
171	Brain Activation in Motor Sequence Learning Is Related to the Level of Native Cortical Excitability. PLoS ONE, 2013, 8, e61863.	1.1	10
172	PCSK6 VNTR Polymorphism Is Associated with Degree of Handedness but Not Direction of Handedness. PLoS ONE, 2013, 8, e67251.	1.1	80
173	Large-scale network organization in the avian forebrain: a connectivity matrix and theoretical analysis. Frontiers in Computational Neuroscience, 2013, 7, 89.	1.2	191
174	Cholecystokinin A Receptor (CCKAR) Gene Variation Is Associated with Language Lateralization. PLoS ONE, 2013, 8, e53643.	1.1	42
175	Oxytocin Modulates Social Distance between Males and Females. Journal of Neuroscience, 2012, 32, 16074-16079.	1.7	250
176	Development of lateralization of the magnetic compass in a migratory bird. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4230-4235.	1.2	5
177	Effects of smoking history on selective attention in schizophrenia. Neuropharmacology, 2012, 62, 1897-1902.	2.0	24
178	The rubber hand illusion modulates pseudoneglect. Neuroscience Letters, 2012, 523, 158-161.	1.0	18
179	Hemispheric asymmetries and cognitive flexibility: An ERP and sLORETA study. Brain and Cognition, 2012, 78, 148-155.	0.8	20
180	Neural substrates for serial reaction time tasks in pigeons. Behavioural Brain Research, 2012, 230, 132-143.	1.2	28

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181	Lateralized rewardâ€related visual discrimination in the avian entopallium. European Journal of Neuroscience, 2012, 35, 1337-1343.	1.2	41
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