## Elisabeth A Murray

List of Publications by Year in descending order

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16451 17105 16,206 138 64 122 citations h-index g-index papers 150 150 150 9619 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Prefrontal cortex interactions with the amygdala in primates. Neuropsychopharmacology, 2022, 47, 163-179.	5.4	28
2	Selective Prefrontal–Amygdala Circuit Interactions Underlie Social and Nonsocial Valuation in Rhesus Macaques. Journal of Neuroscience, 2022, 42, 5593-5604.	3.6	5
3	Effects of Amygdala Lesions on Object-Based Versus Action-Based Learning in Macaques. Cerebral Cortex, 2021, 31, 529-546.	2.9	14
4	No evidence that monkeys attribute mental states to animated shapes in the Heider–Simmel videos. Scientific Reports, 2021, 11, 3050.	3.3	8
5	The magical orbitofrontal cortex Behavioral Neuroscience, 2021, 135, 108-108.	1.2	3
6	Autonomic arousal tracks outcome salience not valence in monkeys making social decisions Behavioral Neuroscience, 2021, 135, 443-452.	1.2	1
7	Interaction between decision-making and interoceptive representations of bodily arousal in frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	14
8	Evolution, Emotion, and Episodic Engagement. American Journal of Psychiatry, 2021, 178, 701-714.	7.2	24
9	The visual prefrontal cortex of anthropoids: interaction with temporal cortex in decision making and its role in the making of †visual animals'. Current Opinion in Behavioral Sciences, 2021, 41, 22-29.	3.9	10
10	Mortimer Mishkin (1926–2021): A life of science with humility and grace. Neuron, 2021, 109, 3392-3394.	8.1	0
11	Hypothalamic Interactions with Large-Scale Neural Circuits Underlying Reinforcement Learning and Motivated Behavior. Trends in Neurosciences, 2020, 43, 681-694.	8.6	30
12	The anterior cingulate cortex is necessary for forming prosocial preferences from vicarious reinforcement in monkeys. PLoS Biology, 2020, 18, e3000677.	5.6	45
13	Lesion Studies in Contemporary Neuroscience. Trends in Cognitive Sciences, 2019, 23, 653-671.	7.8	128
14	NIMH MonkeyLogic: Behavioral control and data acquisition in MATLAB. Journal of Neuroscience Methods, 2019, 323, 13-21.	2.5	87
15	Heightened Defensive Responses Following Subtotal Lesions of Macaque Orbitofrontal Cortex. Journal of Neuroscience, 2019, 39, 4133-4141.	3.6	23
16	Gustatory responses in macaque monkeys revealed with fMRI: Comments on taste, taste preference, and internal state. Neurolmage, 2019, 184, 932-942.	4.2	18
17	Representational specializations of the hippocampus in phylogenetic perspective. Neuroscience Letters, 2018, 680, 4-12.	2.1	53
18	Ventral striatum's role in learning from gains and losses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12398-E12406.	7.1	28

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19	Specializations for reward-guided decision-making in the primate ventral prefrontal cortex. Nature Reviews Neuroscience, 2018, 19, 404-417.	10.2	143
20	Amygdala lesions eliminate viewing preferences for faces in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8043-8048.	7.1	61
21	Amygdala damage eliminates monkeys' viewing preference for real and illusory faces Journal of Vision, 2018, 18, 1232.	0.3	0
22	Learned Value Shapes Responses to Objects in Frontal and Ventral Stream Networks in Macaque Monkeys. Cerebral Cortex, 2017, 27, 2739-2757.	2.9	30
23	The Role of Orbitofrontal–Amygdala Interactions in Updating Action–Outcome Valuations in Macaques. Journal of Neuroscience, 2017, 37, 2463-2470.	3.6	<b>7</b> 5
24	Using pupil size and heart rate to infer affective states during behavioral neurophysiology and neuropsychology experiments. Journal of Neuroscience Methods, 2017, 279, 1-12.	2.5	34
25	Amygdala Contributions to Stimulus–Reward Encoding in the Macaque Medial and Orbital Frontal Cortex during Learning. Journal of Neuroscience, 2017, 37, 2186-2202.	3.6	67
26	Effects of Ventral Striatum Lesions on Stimulus-Based versus Action-Based Reinforcement Learning. Journal of Neuroscience, 2017, 37, 6902-6914.	3.6	43
27	Specialized Representations of Value in the Orbital and Ventrolateral Prefrontal Cortex: Desirability versus Availability of Outcomes. Neuron, 2017, 95, 1208-1220.e5.	8.1	143
28	MRI Overestimates Excitotoxic Amygdala Lesion Damage in Rhesus Monkeys. Frontiers in Integrative Neuroscience, 2017, 11, 12.	2.1	10
29	Ventral striatum lesions do not affect reinforcement learning with deterministic outcomes on slow time scales Behavioral Neuroscience, 2017, 131, 385-391.	1.2	4
30	Amygdala and Ventral Striatum Make Distinct Contributions to Reinforcement Learning. Neuron, 2016, 92, 505-517.	8.1	112
31	Amygdala lesions in rhesus macaques decrease attention to threat. Nature Communications, 2015, 6, 10161.	12.8	60
32	Two-item same/different discrimination in rhesus monkeys (Macaca mulatta). Animal Cognition, 2015, 18, 1221-1230.	1.8	2
33	The Role of Frontal Cortical and Medial-Temporal Lobe Brain Areas in Learning a Bayesian Prior Belief on Reversals. Journal of Neuroscience, 2015, 35, 11751-11760.	3.6	66
34	Specialized areas for value updating and goal selection in the primate orbitofrontal cortex. ELife, 2015, 4, .	6.0	86
35	The Orbitofrontal Oracle: Cortical Mechanisms for the Prediction and Evaluation of Specific Behavioral Outcomes. Neuron, 2014, 84, 1143-1156.	8.1	337
36	Contributions of the hippocampus and entorhinal cortex to rapid visuomotor learning in rhesus monkeys. Hippocampus, 2014, 24, 1102-1111.	1.9	17

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37	A role for primate subgenual cingulate cortex in sustaining autonomic arousal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5391-5396.	7.1	125
38	Effects of Amygdala Lesions on Reward-Value Coding in Orbital and Medial Prefrontal Cortex. Neuron, 2013, 80, 1519-1531.	8.1	135
39	Differential Effects of Amygdala, Orbital Prefrontal Cortex, and Prelimbic Cortex Lesions on Goal-Directed Behavior in Rhesus Macaques. Journal of Neuroscience, 2013, 33, 3380-3389.	3.6	90
40	Interaction Between Orbital Prefrontal and Rhinal Cortex Is Required for Normal Estimates of Expected Value. Journal of Neuroscience, 2013, 33, 1833-1845.	3.6	31
41	Prefrontal mechanisms of behavioral flexibility, emotion regulation and value updating. Nature Neuroscience, 2013, 16, 1140-1145.	14.8	344
42	The Role of the Anterior Cingulate Cortex in Choices based on Reward Value and Reward Contingency. Cerebral Cortex, 2013, 23, 2884-2898.	2.9	78
43	The drive to strive: goal generation based on current needs. Frontiers in Neuroscience, 2013, 7, 112.	2.8	33
44	Amygdala lesions in rhesus monkeys fail to disrupt object choices based on internal context Behavioral Neuroscience, 2012, 126, 270-278.	1.2	5
45	Amygdala lesions disrupt modulation of functional MRI activity evoked by facial expression in the monkey inferior temporal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3640-8.	7.1	116
46	Why is there a special issue on perirhinal cortex in a journal called <i>hippocampus</i> Properties on perirhinal cortex in historical perspective. Hippocampus, 2012, 22, 1941-1951.	1.9	32
47	Localization of Dysfunction in Major Depressive Disorder: Prefrontal Cortex and Amygdala. Biological Psychiatry, 2011, 69, e43-e54.	1.3	178
48	Balkanizing the primate orbitofrontal cortex: distinct subregions for comparing and contrasting values. Annals of the New York Academy of Sciences, 2011, 1239, 1-13.	3.8	100
49	Perirhinal Cortex Removal Dissociates Two Memory Systems in Matching-to-Sample Performance in Rhesus Monkeys. Journal of Neuroscience, 2011, 31, 16336-16343.	3.6	19
50	Dissociable Effects of Subtotal Lesions within the Macaque Orbital Prefrontal Cortex on Reward-Guided Behavior. Journal of Neuroscience, 2011, 31, 10569-10578.	3.6	175
51	What Can Different Brains Do with Reward?. Frontiers in Neuroscience, 2011, , 61-96.	0.0	10
52	What, if anything, can monkeys tell us about human amnesia when they can't say anything at all?. Neuropsychologia, 2010, 48, 2385-2405.	1.6	22
53	Interactions between orbital prefrontal cortex and amygdala: advanced cognition, learned responses and instinctive behaviors. Current Opinion in Neurobiology, 2010, 20, 212-220.	4.2	73
54	Functional Interaction of Medial Mediodorsal Thalamic Nucleus But Not Nucleus Accumbens with Amygdala and Orbital Prefrontal Cortex Is Essential for Adaptive Response Selection after Reinforcer Devaluation. Journal of Neuroscience, 2010, 30, 661-669.	3.6	73

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55	Selective Ablations Reveal That Orbital and Lateral Prefrontal Cortex Play Different Roles in Estimating Predicted Reward Value. Journal of Neuroscience, 2010, 30, 15878-15887.	3.6	35
56	An assessment of memory awareness in tufted capuchin monkeys (Cebus apella). Animal Cognition, 2009, 12, 169-180.	1.8	108
57	Distinct contributions of the amygdala and hippocampus to fear expression. European Journal of Neuroscience, 2009, 30, 2327-2337.	2.6	60
58	Total number, distribution, and phenotype of cells expressing chondroitin sulfate proteoglycans in the normal human amygdala. Brain Research, 2008, 1207, 84-95.	2.2	29
59	Hippocampal Lesions in Rhesus Monkeys Disrupt Emotional Responses but Not Reinforcer Devaluation Effects. Biological Psychiatry, 2008, 63, 1084-1091.	1.3	62
60	Amygdala and Orbitofrontal Cortex Lesions Differentially Influence Choices during Object Reversal Learning. Journal of Neuroscience, 2008, 28, 8338-8343.	3.6	159
61	Selective Bilateral Amygdala Lesions in Rhesus Monkeys Fail to Disrupt Object Reversal Learning. Journal of Neuroscience, 2007, 27, 1054-1062.	3.6	108
62	What We Know and Do Not Know about the Functions of the Orbitofrontal Cortex after 20 Years of Cross-Species Studies: Figure 1 Journal of Neuroscience, 2007, 27, 8166-8169.	3.6	217
63	Genetic modulation of cognitive flexibility and socioemotional behavior in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14128-14133.	7.1	70
64	The amygdala, reward and emotion. Trends in Cognitive Sciences, 2007, 11, 489-497.	7.8	574
65	Visual Perception and Memory: A New View of Medial Temporal Lobe Function in Primates and Rodents. Annual Review of Neuroscience, 2007, 30, 99-122.	10.7	367
66	Orbitofrontal Cortex and Amygdala Contributions to Affect and Action in Primates. Annals of the New York Academy of Sciences, 2007, 1121, 273-296.	3.8	135
67	Preface. Annals of the New York Academy of Sciences, 2007, 1121, xi-xiii.	3.8	12
68	Prospective memory in the formation of learning sets by rhesus monkeys (Macaca mulatta) Journal of Experimental Psychology, 2006, 32, 87-90.	1.7	32
69	No effect of hippocampal lesions on perirhinal cortex-dependent feature-ambiguous visual discriminations. Hippocampus, 2006, 16, 421-430.	1.9	56
70	Impairment and Facilitation of Transverse Patterning after Lesions of the Perirhinal Cortex and Hippocampus, Respectively. Cerebral Cortex, 2006, 17, 108-115.	2.9	64
71	Perirhinal cortex and feature-ambiguous discriminations. Learning and Memory, 2006, 13, 103-105.	1.3	43
72	Conditional Motor Learning in the Nonspatial Domain: Effects of Errorless Learning and the Contribution of the Fornix to One-Trial Learning Behavioral Neuroscience, 2005, 119, 662-676.	1,2	18

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73	Opposing effects of amygdala and orbital prefrontal cortex lesions on the extinction of instrumental responding in macaque monkeys. European Journal of Neuroscience, 2005, 22, 2341-2346.	2.6	89
74	Learning to inhibit prepotent responses: successful performance by rhesus macaques, Macaca mulatta, on the reversed-contingency task. Animal Behaviour, 2005, 69, 991-998.	1.9	52
75	Rhesus monkeys (Macaca mulatta) demonstrate robust memory for what and where, but not when, in an open-field test of memory. Learning and Motivation, 2005, 36, 245-259.	1.2	122
76	Perceptual deficits in amnesia: challenging the medial temporal lobe â€~mnemonic' view. Neuropsychologia, 2005, 43, 1-11.	1.6	289
77	The Perceptual-Mnemonic/Feature Conjunction Model of Perirhinal Cortex Function. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2005, 58, 269-282.	2.8	180
78	Perirhinal Cortex and its Neighbours in the Medial Temporal Lobe: Contributions to Memory and Perception. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2005, 58, 378-396.	2.8	38
79	Comparison of the Effects of Bilateral Orbital Prefrontal Cortex Lesions and Amygdala Lesions on Emotional Responses in Rhesus Monkeys. Journal of Neuroscience, 2005, 25, 8534-8542.	3.6	178
80	Functional Specialization in the Human Medial Temporal Lobe. Journal of Neuroscience, 2005, 25, 10239-10246.	3.6	217
81	Combined Unilateral Lesions of the Amygdala and Orbital Prefrontal Cortex Impair Affective Processing in Rhesus Monkeys. Journal of Neurophysiology, 2004, 91, 2023-2039.	1.8	147
82	Bilateral Orbital Prefrontal Cortex Lesions in Rhesus Monkeys Disrupt Choices Guided by Both Reward Value and Reward Contingency. Journal of Neuroscience, 2004, 24, 7540-7548.	3.6	534
83	DNA targeting of rhinal cortex D2 receptor protein reversibly blocks learning of cues that predict reward. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12336-12341.	7.1	69
84	Rhesus monkeys (Macaca mulatta) discriminate between knowing and not knowing and collect information as needed before acting. Animal Cognition, 2004, 7, 239-246.	1.8	199
85	Method for making selective lesions of the hippocampus in macaque monkeys using NMDA and a longitudinal surgical approach. Hippocampus, 2004, 14, 9-18.	1.9	23
86	Selective hippocampal damage in rhesus monkeys impairs spatial memory in an open-field test. Hippocampus, 2004, 14, 808-818.	1.9	94
87	What, if anything, is the medial temporal lobe, and how can the amygdala be part of it if there is no such thing?. Neurobiology of Learning and Memory, 2004, 82, 178-198.	1.9	42
88	Impairments in visual discrimination after perirhinal cortex lesions: testing †declarative†vs. †perceptual-mnemonic†views of perirhinal cortex function. European Journal of Neuroscience, 2003, 17, 649-660.	2.6	194
89	Effects of Combined and Separate Removals of Rostral Dorsal Superior Temporal Sulcus Cortex and Perirhinal Cortex on Visual Recognition Memory in Rhesus Monkeys. Journal of Neurophysiology, 2003, 90, 2419-2427.	1.8	11
90	Interaction of ventral and orbital prefrontal cortex with inferotemporal cortex in conditional visuomotor learning Behavioral Neuroscience, 2002, 116, 703-715.	1.2	99

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91	Learning of discriminations is impaired, but generalization to altered views is intact, in monkeys (Macaca mulatta) with perirhinal cortex removal Behavioral Neuroscience, 2002, 116, 363-377.	1.2	45
92	Fornix Transection Impairs Conditional Visuomotor Learning in Tasks Involving Nonspatially Differentiated Responses. Journal of Neurophysiology, 2002, 87, 631-633.	1.8	26
93	Perirhinal cortex resolves feature ambiguity in complex visual discriminations. European Journal of Neuroscience, 2002, 15, 365-374.	2.6	309
94	The amygdala and reward. Nature Reviews Neuroscience, 2002, 3, 563-573.	10.2	1,058
95	Learning of discriminations is impaired, but generalization to altered views is intact, in monkeys (Macaca mulatta) with perirhinal cortex removal Behavioral Neuroscience, 2002, 116, 363-377.	1.2	25
96	Interaction of ventral and orbital prefrontal cortex with inferotemporal cortex in conditional visuomotor learning. Behavioral Neuroscience, 2002, 116, 703-15.	1.2	45
97	The role of ventral and orbital prefrontal cortex in conditional visuomotor learning and strategy use in rhesus monkeys (Macaca mulatta) Behavioral Neuroscience, 2001, 115, 971-982.	1.2	147
98	Neural substrates of crossmodal association memory in monkeys: The amygdala versus the anterior rhinal cortex Behavioral Neuroscience, 2001, 115, 271-284.	1.2	63
99	Impairments in visual discrimination learning and recognition memory produced by neurotoxic lesions of rhinal cortex in rhesus monkeys. European Journal of Neuroscience, 2001, 13, 1228-1238.	2.6	60
100	Effects of hippocampal lesions on delayed nonmatching-to-sample in monkeys: A reply to Zola and Squire (2001). Hippocampus, 2001, 11, 201-203.	1.9	27
101	Consolidation and the medial temporal lobe revisited: Methodological considerations. Hippocampus, 2001, $11$ , $1$ -7.	1.9	33
102	Opposite relationship of hippocampal and rhinal cortex damage to delayed nonmatching-to-sample deficits in monkeys. Hippocampus, 2001, 11, 61-71.	1.9	166
103	Role of perirhinal cortex in object perception, memory, and associations. Current Opinion in Neurobiology, 2001, 11, 188-193.	4.2	283
104	Opposite relationship of hippocampal and rhinal cortex damage to delayed nonmatchingâ€ŧoâ€sample deficits in monkeys. Hippocampus, 2001, 11, 61-71.	1.9	1
105	Learning motivational significance of visual cues for reward schedules requires rhinal cortex. Nature Neuroscience, 2000, 3, 1307-1315.	14.8	94
106	Role of prefrontal cortex in a network for arbitrary visuomotor mapping. Experimental Brain Research, 2000, 133, 114-129.	1.5	189
107	Control of Response Selection by Reinforcer Value Requires Interaction of Amygdala and Orbital Prefrontal Cortex. Journal of Neuroscience, 2000, 20, 4311-4319.	3.6	548
108	Arbitrary associations between antecedents and actions. Trends in Neurosciences, 2000, 23, 271-276.	8.6	267

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109	Role of prefrontal cortex in a network for arbitrary visuomotor mapping. , 2000, , 114-129.		1
110	Effects of aspiration versus neurotoxic lesions of the amygdala on emotional responses in monkeys. European Journal of Neuroscience, 1999, 11, 4403-4418.	2.6	164
111	Role of the Hippocampal System in Conditional Motor Learning: Mapping Antecedents to Action. , 1999, 9, 101-117.		100
112	Perceptual–mnemonic functions of the perirhinal cortex. Trends in Cognitive Sciences, 1999, 3, 142-151.	7.8	416
113	Rhinal cortex lesions produce mild deficits in visual discrimination learning for an auditory secondary reinforcer in rhesus monkeys Behavioral Neuroscience, 1999, 113, 243-252.	1.2	19
114	The SIV-infected rhesus monkey model for HIV-associated dementia and implications for neurological diseases. Journal of Leukocyte Biology, 1999, 65, 466-474.	3.3	31
115	Rhinal cortex ablations fail to disrupt reinforcer devaluation effects in rhesus monkeys (Macaca) Tj ETQq $1\ 1\ 0.784$	4314 rgBT 1.2	/Qyerlock 1
116	Monkeys with rhinal cortex damage or neurotoxic hippocampal lesions are impaired on spatial scene learning and object reversals Behavioral Neuroscience, 1998, 112, 1291-1303.	1.2	174
117	Object Recognition and Location Memory in Monkeys with Excitotoxic Lesions of the Amygdala and Hippocampus. Journal of Neuroscience, 1998, 18, 6568-6582.	3.6	380
118	Cross-modal associations, intramodal associations, and object identification in macaque monkeys. , $1998, , 51-69.$		25
119	Rhinal Cortex Removal Produces Amnesia for Preoperatively Learned Discrimination Problems But Fails to Disrupt Postoperative Acquisition and Retention in Rhesus Monkeys. Journal of Neuroscience, 1997, 17, 8536-8549.	3.6	86
120	Excitotoxic Lesions of the Amygdala Fail to Produce Impairment in Visual Learning for Auditory Secondary Reinforcement But Interfere with Reinforcer Devaluation Effects in Rhesus Monkeys. Journal of Neuroscience, 1997, 17, 6011-6020.	3.6	301
121	Anterior rhinal cortex and amygdala: Dissociation of their contributions to memory and food preference in rhesus monkeys Behavioral Neuroscience, 1996, 110, 30-42.	1.2	96
122	Role of the hippocampus plus subjacent cortex but not amygdala in visuomotor conditional learning in Rhesus monkeys Behavioral Neuroscience, 1996, 110, 1261-1270.	1.2	105
123	What have ablation studies told us about the neural substrates of stimulus memory?. Seminars in Neuroscience, 1996, 8, 13-22.	2.2	179
124	The Frontal Cortex-Basal Ganglia System in Primates. Critical Reviews in Neurobiology, 1996, 10, 317-356.	3.1	434
125	Effects of partial versus complete lesions of the amygdala on cross-modal associations in cynomolgus monkeys. Cognitive, Affective and Behavioral Neuroscience, 1996, 24, 255-264.	1.3	8
126	Relational but not spatial memory: The task at hand. Behavioral and Brain Sciences, 1994, 17, 489-490.	0.7	1

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127	Stimulus recognition. Current Opinion in Neurobiology, 1994, 4, 200-206.	4.2	135
128	Removal of the amygdala plus subjacent cortex disrupts the retention of both intramodal and cross modal associative memories in monkeys Behavioral Neuroscience, 1994, 108, 494-500.	1.2	30
129	AIDS and the Central Nervous System: Examining Pathobiology and Testing Therapeutic Strategies in the SIV-Infected Rhesus Monkey. Annals of the New York Academy of Sciences, 1993, 693, 229-244.	3.8	6
130	Monkeys (Macaca fascicularis) with rhinal cortex ablations succeed in object discrimination learning despite 24-hr intertrial intervals and fail at matching to sample despite double sample presentations Behavioral Neuroscience, 1992, 106, 30-38.	1.2	288
131	Chapter 8 Contributions of the amygdalar complex to behavior in macaque monkeys. Progress in Brain Research, 1991, 87, 167-180.	1.4	12
132	Cortical connections of the somatosensory fields of the lateral sulcus of macaques: Evidence for a corticolimbic pathway for touch. Journal of Comparative Neurology, 1986, 252, 323-347.	1.6	523
133	Thalamic connectivity of the second somatosensory area and neighboring somatosensory fields of the lateral sulcus of the macaque. Journal of Comparative Neurology, 1986, 252, 348-373.	1.6	287
134	Further evidence that amygdala and hippocampus contribute equally to recognition memory. Neuropsychologia, 1984, 22, 785-796.	1.6	100
135	Relative contributions of SII and area 5 to tactile discrimination in monkeys. Behavioural Brain Research, 1984, 11, 67-83.	2.2	219
136	Severe tactual memory deficits in monkeys after combined removal of the amygdala and hippocampus. Brain Research, 1983, 270, 340-344.	2.2	49
137	Organization of tectospinal neurons in the cat and rat superior colliculus. Brain Research, 1982, 243, 201-214.	2.2	84
138	Organization of corticospinal neurons in the monkey. Journal of Comparative Neurology, 1981, 195, 339-365.	1.6	309