

# Ahmed Abdelhalim Moustafa

## List of Publications by Year in descending order

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Version: 2024-02-01

252  
papers

7,494  
citations

108046

37  
h-index

87275

74  
g-index

258  
all docs

258  
docs citations

258  
times ranked

10040  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel treatment strategy to prevent Parkinson's disease: focus on iron regulatory protein 1 (IRP1). International Journal of Neuroscience, 2023, 133, 67-76.	0.8	9
2	Social commitment toward prospective memory tasks in cognitively impaired non-demented individuals. Applied Neuropsychology Adult, 2022, 29, 643-650.	0.7	1
3	Bidirectional relationship between heroin addiction and depression: Behavioural and neural studies. Current Psychology, 2022, 41, 5195-5211.	1.7	12
4	The discounted future: Relationship between temporal discounting and future thinking in Alzheimer's disease. Applied Neuropsychology Adult, 2022, 29, 412-418.	0.7	8
5	The image of memory: relationship between autobiographical memory and mental imagery in Korsakoff syndrome. Applied Neuropsychology Adult, 2022, 29, 120-126.	0.7	4
6	Confirmation Bias in the Course of Instructed Reinforcement Learning in Schizophrenia-Spectrum Disorders. Brain Sciences, 2022, 12, 90.	1.1	2
7	The Impact of Disease Registries on Advancing Knowledge and Understanding of Dementia Globally. Frontiers in Aging Neuroscience, 2022, 14, 774005.	1.7	1
8	A Synaptic Pruning-Based Spiking Neural Network for Hand-Written Digits Classification. Frontiers in Artificial Intelligence, 2022, 5, 680165.	2.0	5
9	Subjective memory complaints as a predictor of mild cognitive impairment and Alzheimer's disease. Discover Psychology, 2022, 2, 1.	0.4	8
10	Digital self-harm: an examination of the current literature with recommendations for future research. Discover Psychology, 2022, 2, .	0.4	5
11	Applications of machine learning to behavioral sciences: focus on categorical data. Discover Psychology, 2022, 2, 1.	0.4	3
12	Prediction of Site Directed miRNAs as Key Players of Transcriptional Regulators Against Influenza C Virus Infection Through Computational Approaches. Frontiers in Molecular Biosciences, 2022, 9, 866072.	1.6	3
13	The Role of Dopaminergic Genes in Probabilistic Reinforcement Learning in Schizophrenia Spectrum Disorders. Brain Sciences, 2022, 12, 7.	1.1	6
14	A neurocomputational model of creative processes. Neuroscience and Biobehavioral Reviews, 2022, 137, 104656.	2.9	18
15	Pupil size as an indicator of cognitive activity in mild Alzheimer's disease.. EXCLI Journal, 2022, 21, 307-316.	0.5	5
16	The pupil and myself: pupil dilation during retrieval of self-defining memories. Neurological Sciences, 2022, 43, 5259-5265.	0.9	3
17	Future-Oriented Repetitive Thought: Pessimistic View of Future in Patients With Alzheimer Disease. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 216-221.	1.2	3
18	The relationship between childhood trauma, early-life stress, and alcohol and drug use, abuse, and addiction: An integrative review. Current Psychology, 2021, 40, 579-584.	1.7	57

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19	“To whom did I tell that information?” Relationship between destination memory and theory of mind in traumatic brain injury. <i>Applied Neuropsychology Adult</i> , 2021, 28, 1-11.	0.7	6
20	Cuing Prospective Memory With Smartphone-Based Calendars in Alzheimer’s Disease. <i>Archives of Clinical Neuropsychology</i> , 2021, 36, 316-321.	0.3	6
21	Pupil dilation as an indicator of future thinking. <i>Neurological Sciences</i> , 2021, 42, 647-653.	0.9	13
22	Human appetitive Pavlovian-to-instrumental transfer: a goal-directed account. <i>Psychological Research</i> , 2021, 85, 449-463.	1.0	21
23	The face of future: Face expressions during future thinking. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 174702182199299.	0.6	0
24	A longitudinal study using latent curve models of groups with mild cognitive impairment and Alzheimer’s disease. <i>Journal of Neuroscience Methods</i> , 2021, 350, 109040.	1.3	5
25	The Abbreviated Science Anxiety Scale: Psychometric properties, gender differences and associations with test anxiety, general anxiety and science achievement. <i>PLoS ONE</i> , 2021, 16, e0245200.	1.1	10
26	Neurotoxin-Induced Rodent Models of Parkinson’s Disease: Benefits and Drawbacks. <i>Neurotoxicity Research</i> , 2021, 39, 897-923.	1.3	21
27	The Impact of Different Types of Abuse on Depression. <i>Depression Research and Treatment</i> , 2021, 2021, 1-12.	0.7	24
28	Mechanistic insights into TNFR1/MADD death domains in Alzheimer’s disease through conformational molecular dynamic analysis. <i>Scientific Reports</i> , 2021, 11, 12256.	1.6	6
29	Osteoporosis and the effect of dysregulation of the transsulfuration pathway via taurine on intracellular calcium homeostasis, vitamin D absorption and vitamin K absorption. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 191-196.	0.5	8
30	The Role of User Behaviour in Improving Cyber Security Management. <i>Frontiers in Psychology</i> , 2021, 12, 561011.	1.1	21
31	Higher Depression of Patients with Alzheimer’s Disease During than Before the Lockdown. <i>Journal of Alzheimer’s Disease</i> , 2021, 81, 1375-1379.	1.2	12
32	Harnessing forgetfulness: can episodic-memory tests predict early Alzheimer’s disease?. <i>Experimental Brain Research</i> , 2021, 239, 2925-2937.	0.7	7
33	Discover Psychology: conquering new frontiers. <i>Discover Psychology</i> , 2021, 1, 1.	0.4	1
34	The Need to Develop an Individualized Intervention for Mathematics Anxiety. <i>Frontiers in Psychology</i> , 2021, 12, 723289.	1.1	5
35	Neural Substrates of the Drift-Diffusion Model in Brain Disorders. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 678232.	1.2	13
36	Pareidolia in Schizophrenia and Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 746734.	1.3	7

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37	The effect of attentional bias modification training on food intake in overweight and obese women. <i>Journal of Health Psychology</i> , 2020, 25, 1511-1521.	1.3	13
38	Mental health and urban design " zoning in on PTSD. <i>Current Psychology</i> , 2020, 39, 167-173.	1.7	13
39	Examining the Mediating Role of Stress in the Relationship Between Mindfulness and Depression and Anxiety: Testing the Mindfulness Stress-Buffering Model. <i>Journal of Rational - Emotive and Cognitive - Behavior Therapy</i> , 2020, 38, 14-25.	1.0	10
40	"La vie en rose": A positive shift of autobiographical memory in Alzheimer's Disease. <i>Archives of Gerontology and Geriatrics</i> , 2020, 86, 103953.	1.4	8
41	Reward and punishment learning in schizophrenia and bipolar disorder. <i>Behavioural Brain Research</i> , 2020, 381, 112298.	1.2	12
42	Depression Following Major Life Transitions in Women: A Review and Theory. <i>Psychological Reports</i> , 2020, 123, 1501-1517.	0.9	12
43	Evaluating the Sustained Attention Response Task to Quantify Cognitive Fluctuations in Dementia With Lewy Bodies. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2020, 33, 333-339.	1.2	7
44	Brain N-Acetyl Aspartate and associations with cognitive impairment in alcohol dependent patients. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2020, 42, 111-117.	0.8	7
45	Treatment-resistant schizophrenia: focus on the transsulfuration pathway. <i>Reviews in the Neurosciences</i> , 2020, 31, 219-232.	1.4	12
46	Mathematics anxiety and cognition: an integrated neural network model. <i>Reviews in the Neurosciences</i> , 2020, 31, 287-296.	1.4	11
47	Green model to adapt classical conditioning learning in the hippocampus. <i>Neuroscience</i> , 2020, 426, 201-219.	1.1	5
48	A disease-modifying treatment for Alzheimer's disease: focus on the trans-sulfuration pathway. <i>Reviews in the Neurosciences</i> , 2020, 31, 319-334.	1.4	5
49	Latent Class and Transition Analysis of Alzheimer's Disease Data. <i>Frontiers in Computer Science</i> , 2020, 2, .	1.7	6
50	Modelling change in neurocognition, symptoms and functioning in young people with emerging mental disorders. <i>Journal of Psychiatric Research</i> , 2020, 131, 22-30.	1.5	2
51	The Swinging Self: The Costs of Shifting Between Self-Images in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2020, 35, 153331752090540.	0.9	4
52	Dimensional investigation of individual differences in personality disorder traits based on the three-dimensional model of personality self-regulation. <i>Current Psychology</i> , 2020, , 1.	1.7	6
53	Examining the Relationship Between Personality Disorder Traits and Inhibitory/Initiatory Self-Control and Dimensions of Self-Compassion. <i>Psychological Studies</i> , 2020, 65, 381-393.	0.5	1
54	Cortico-Hippocampal Computational Modeling Using Quantum-Inspired Neural Networks. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 80.	1.2	3

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55	Cognitive emotion regulation strategies, anxiety, and depression in mothers of children with or without neurodevelopmental disorders. <i>Research in Autism Spectrum Disorders</i> , 2020, 76, 101600.	0.8	17
56	Methylphenidate improves executive functions in patients with traumatic brain injuries: a feasibility trial via the idiographic approach. <i>BMC Neurology</i> , 2020, 20, 103.	0.8	8
57	Cortico-Hippocampal Computational Modeling Using Quantum Neural Networks to Simulate Classical Conditioning Paradigms. <i>Brain Sciences</i> , 2020, 10, 431.	1.1	3
58	Network-Based Genetic Profiling Reveals Cellular Pathway Differences Between Follicular Thyroid Carcinoma and Follicular Thyroid Adenoma. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1373.	1.2	15
59	The subjective experience of mind wandering in Alzheimer's disease. <i>Cognitive Neuropsychiatry</i> , 2020, 25, 201-214.	0.7	3
60	Effect of Best Possible Self Intervention on Situational Motivation and Commitment in Academic Context. <i>Learning and Motivation</i> , 2020, 69, 101599.	0.6	16
61	Maladaptive avoidance patterns in Parkinson's disease are exacerbated by symptoms of depression. <i>Behavioural Brain Research</i> , 2020, 382, 112473.	1.2	2
62	Depression in post-traumatic stress disorder. <i>Reviews in the Neurosciences</i> , 2020, 31, 703-722.	1.4	17
63	The "authentic subjective experience" of memory in Alzheimer's disease. <i>Translational Neuroscience</i> , 2020, 11, 201-207.	0.7	2
64	Feature Selection for the Classification of Alzheimer's Disease Data. , 2020, , .		2
65	Editorial: The Neurology of Global Lifestyle Change. <i>Frontiers in Public Health</i> , 2020, 8, 614598.	1.3	0
66	Intact goal-directed control in treatment-seeking drug users indexed by outcome devaluation and Pavlovian to instrumental transfer: critique of habit theory. <i>European Journal of Neuroscience</i> , 2019, 50, 2513-2525.	1.2	48
67	The face of memory: experiential avoidance and facial expressions during the retrieval of autobiographical memories. <i>Journal of Cognitive Psychology</i> , 2019, 31, 533-542.	0.4	2
68	Cue-elicited craving and human Pavlovian-to-instrumental transfer. <i>Addiction Research and Theory</i> , 2019, 27, 482-488.	1.2	4
69	The Application of Unsupervised Clustering Methods to Alzheimer's Disease. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 31.	1.2	116
70	A pilot study of escape, avoidance, and approach behaviors in treated alcohol-dependent males. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 601-614.	0.8	3
71	Negative Mood Induction Increases Choice of Heroin Versus Food Pictures in Opiate-Dependent Individuals: Correlation With Self-Medication Coping Motives and Subjective Reactivity. <i>Frontiers in Psychiatry</i> , 2019, 10, 274.	1.3	13
72	Cognitive and social cognitive deficits in paranoia. , 2019, , 37-69.		0

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73	Future Thinking in Korsakoff Syndrome. <i>Alcohol and Alcoholism</i> , 2019, 54, 455-462.	0.9	10
74	Smell your memories: Positive effect of odor exposure on recent and remote autobiographical memories in Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 555-564.	0.8	20
75	Impaired Specificity of Future Thinking in Alcohol Use Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 945-951.	1.4	9
76	Cognitive Theory of Mind Influences Destination Memory: Evidence from Normal Aging and Alzheimer's Disease. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 1409-1417.	0.3	4
77	Epigenetic mechanisms, trauma, and psychopathology: targeting chromatin remodeling complexes. <i>Reviews in the Neurosciences</i> , 2019, 30, 595-604.	1.4	10
78	Probability discounting of monetary gains and losses in opioid-dependent adults. <i>Behavioural Brain Research</i> , 2019, 364, 334-339.	1.2	7
79	Off-track thoughts: Intentional and unintentional mind wandering in Alzheimer's disease. <i>Geriatrics and Gerontology International</i> , 2019, 19, 342-346.	0.7	10
80	Memories Supporting Myself: Autobiographical Memory Supports Self-Continuity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 1217-1224.	1.2	13
81	Migration and sociodemographic factors associated with sense of place attitudes among migrants of African background in Northern and Western Netherlands. <i>Journal of Community Psychology</i> , 2019, 47, 238-253.	1.0	4
82	Visual imagery: The past and future as seen by patients with Alzheimer's disease. <i>Consciousness and Cognition</i> , 2019, 68, 12-22.	0.8	17
83	The interactive effect of valence and context on reversal learning in individuals with Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 692, 216-224.	1.0	6
84	Computational investigation of mechanistic insights of A $\beta$ 242 interactions against extracellular domain of nAChR $\alpha$ 7 in Alzheimer's disease. <i>International Journal of Neuroscience</i> , 2019, 129, 666-680.	0.8	7
85	Identifying the neural correlates of doorway freezing in Parkinson's disease. <i>Human Brain Mapping</i> , 2019, 40, 2055-2064.	1.9	37
86	Coping styles and symptomatic manifestation of first-episode psychosis: Focus on cognitive performance. <i>Psychiatry Research</i> , 2019, 272, 246-251.	1.7	11
87	Exploring associations between early substance use and longitudinal socio-occupational functioning in young people engaged in a mental health service. <i>PLoS ONE</i> , 2019, 14, e0210877.	1.1	18
88	Changes in structural network topology correlate with severity of hallucinatory behavior in Parkinson's disease. <i>Network Neuroscience</i> , 2019, 3, 521-538.	1.4	20
89	The exploration of novel Alzheimer's therapeutic agents from the pool of FDA approved medicines using drug repositioning, enzyme inhibition and kinetic mechanism approaches. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2513-2526.	2.5	37
90	Examining Perceived Stress, Childhood Trauma and Interpersonal Trauma in Individuals With Drug Addiction. <i>Psychological Reports</i> , 2019, 122, 433-450.	0.9	55

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91	THE PREVALENCE OF PTSD AND DEPRESSION AMONG GAZA CHILDREN. Humanities and Social Sciences Reviews, 2019, 7, 464-469.	0.2	3
92	Singles and Faces: High Recognition for Female Faces in Single Males. Advances in Cognitive Psychology, 2019, 15, 301-307.	0.2	0
93	Distress and sleep quality in young amphetamine-type stimulant users with an affective or psychotic illness. Psychiatry Research, 2018, 262, 254-261.	1.7	11
94	Mindfulness and meditation: treating cognitive impairment and reducing stress in dementia. Reviews in the Neurosciences, 2018, 29, 791-804.	1.4	57
95	Alterations in white matter network topology contribute to freezing of gait in Parkinson's disease. Journal of Neurology, 2018, 265, 1353-1364.	1.8	37
96	The Motor, Cognitive, Affective, and Autonomic Functions of the Basal Ganglia. Cognitive Science and Technology, 2018, , 21-39.	0.2	3
97	Dopamine modulates striatal response to reward and punishment in patients with Parkinson's disease. NeuroReport, 2018, 29, 532-540.	0.6	7
98	Adenosine role in brain functions: Pathophysiological influence on Parkinson's disease and other brain disorders. Pharmacological Reports, 2018, 70, 661-667.	1.5	20
99	Testosterone, DHEA and DHEA-S in patients with schizophrenia: A systematic review and meta-analysis. Psychoneuroendocrinology, 2018, 89, 92-102.	1.3	47
100	Mechanisms of disordered neurodegenerative function: concepts and facts about the different roles of the protein kinase RNA-like endoplasmic reticulum kinase (PERK). Reviews in the Neurosciences, 2018, 29, 387-415.	1.4	15
101	Mindfulness and Suicide Ideation in Iranian Cardiovascular Patients: Testing the Mediating Role of Patience. Psychological Reports, 2018, 121, 1037-1052.	0.9	12
102	Classical Computational Approaches to Modeling the Basal Ganglia. Cognitive Science and Technology, 2018, , 41-58.	0.2	1
103	The Basal Ganglia: Summary and Future Modeling Research. Cognitive Science and Technology, 2018, , 285-296.	0.2	1
104	The Molecular, Cellular, and Systems-Level Structure of the Basal Ganglia. Cognitive Science and Technology, 2018, , 5-19.	0.2	1
105	Biased and less sensitive: A gamified approach to delay discounting in heroin addiction. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 139-150.	0.8	27
106	Interactions Between Variation in Candidate Genes and Environmental Factors in the Etiology of Schizophrenia and Bipolar Disorder: a Systematic Review. Molecular Neurobiology, 2018, 55, 5075-5100.	1.9	117
107	Positive facial expressions during retrieval of self-defining memories. Journal of Integrative Neuroscience, 2018, 17, 367-376.	0.8	10
108	Dynamic Communications Between GABA <sub>A</sub> Switch, Local Connectivity, and Synapses During Cortical Development: A Computational Study. Frontiers in Cellular Neuroscience, 2018, 12, 468.	1.8	5

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109	Assessment of the Association Between Cigarette Smoking and Cognitive Performance in Patients With Schizophrenia-Spectrum Disorders: A Case-Control Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 642.	1.3	12
110	Applying Big Data Methods to Understanding Human Behavior and Health. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 84.	1.2	10
111	Insecure Attachment and Subclinical Depression, Anxiety, and Stress: A Three-Dimensional Model of Personality Self-Regulation As a Mediator. <i>Journal of Psychology: Interdisciplinary and Applied</i> , 2018, 152, 548-572.	0.9	17
112	A Deep Reinforcement Learning Approach for Large-Scale Service Composition. <i>Lecture Notes in Computer Science</i> , 2018, , 296-311.	1.0	7
113	025â€¦The neural correlates of doorway freezing in parkinsonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A10.3-A11.	0.9	2
114	Exploring the mechanistic insights of Cas scaffolding protein family member 4 with protein tyrosine kinase 2 in Alzheimerâ€™s disease by evaluating protein interactions through molecular docking and dynamic simulations. <i>Neurological Sciences</i> , 2018, 39, 1361-1374.	0.9	9
115	Factors underlying risk taking in heroin-dependent individuals: Feedback processing and environmental contingencies. <i>Behavioural Brain Research</i> , 2018, 350, 23-30.	1.2	11
116	Assessment of the frequency criterion for the diagnosis of non-suicidal self-injury disorder in female adolescents with conduct disorder. <i>Psychiatry Research</i> , 2018, 267, 333-339.	1.7	5
117	Phenomenological Characteristics of Future Thinking in Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1279-1287.	1.2	10
118	A Basal Ganglia Model of Freezing of Gait in Parkinsonâ€™s Disease. <i>Cognitive Science and Technology</i> , 2018, , 113-129.	0.2	0
119	Tell about yourself to improve your autobiographical memory: A study of Korsakoff's syndrome. <i>Psychiatry Research</i> , 2018, 268, 37-41.	1.7	12
120	Social decision making in autism: On the impact of mirror neurons, motor control, and imitative behaviors. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 669-676.	1.9	51
121	Holistic Management of Schizophrenia Symptoms Using Pharmacological and Non-pharmacological Treatment. <i>Frontiers in Public Health</i> , 2018, 6, 166.	1.3	16
122	Molecular Docking and Dynamic Simulation of AZD3293 and Solanezumab Effects Against BACE1 to Treat Alzheimer's Disease. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 34.	1.2	46
123	The many facets of dopamine: Toward an integrative theory of the role of dopamine in managing the body's energy resources. <i>Physiology and Behavior</i> , 2018, 195, 128-141.	1.0	26
124	When your face describes your memories: facial expressions during retrieval of autobiographical memories. <i>Reviews in the Neurosciences</i> , 2018, 29, 861-872.	1.4	9
125	Not all drugs are created equal: impaired future thinking in opiate, but not alcohol, users. <i>Experimental Brain Research</i> , 2018, 236, 2971-2981.	0.7	18
126	Parcellating cognitive heterogeneity in early psychosis-spectrum illnesses: A cluster analysis. <i>Schizophrenia Research</i> , 2018, 202, 91-98.	1.1	25



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127	Computational modeling and biomarker studies of pharmacological treatment of Alzheimer's disease (Review). <i>Molecular Medicine Reports</i> , 2018, 18, 639-655.	1.1	15
128	A review on future episodic thinking in mood and anxiety disorders. <i>Reviews in the Neurosciences</i> , 2018, 30, 85-94.	1.4	27
129	Modeling Serotonin's Contributions to Basal Ganglia Dynamics. <i>Cognitive Science and Technology</i> , 2018, , 215-243.	0.2	4
130	Reading direction influences lateral biases in letter processing.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 1678-1686.	0.7	7
131	Intolerance of uncertainty and conditioned place preference in opioid addiction. <i>PeerJ</i> , 2018, 6, e4775.	0.9	9
132	Modeling Serotonin's Contributions to Basal Ganglia Dynamics in Parkinson's Disease with Impulse Control Disorders. <i>Cognitive Science and Technology</i> , 2018, , 245-253.	0.2	0
133	The thalamus as a relay station and gatekeeper: relevance to brain disorders. <i>Reviews in the Neurosciences</i> , 2017, 28, 203-218.	1.4	38
134	Impulsivity and its relationship with anxiety, depression and stress. <i>Comprehensive Psychiatry</i> , 2017, 74, 173-179.	1.5	83
135	Toward a unified theory of childhood trauma and psychosis: A comprehensive review of epidemiological, clinical, neuropsychological and biological findings. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 393-406.	2.9	166
136	Mathematics, anxiety, and the brain. <i>Reviews in the Neurosciences</i> , 2017, 28, 417-429.	1.4	12
137	Selective A 2A receptors blockade reduces degeneration of substantia nigra dopamine neurons in a rotenone-induced rat model of Parkinson's disease: A histological study. <i>Neuroscience Letters</i> , 2017, 643, 89-96.	1.0	14
138	Drift diffusion model of reward and punishment learning in rare alpha-synuclein gene carriers. <i>Journal of Neurogenetics</i> , 2017, 31, 17-22.	0.6	2
139	Factors underlying cognitive decline in old age and Alzheimer's disease: the role of the hippocampus. <i>Reviews in the Neurosciences</i> , 2017, 28, 705-714.	1.4	94
140	Interactions between cannabis and schizophrenia in humans and rodents. <i>Reviews in the Neurosciences</i> , 2017, 28, 811-823.	1.4	9
141	Visual Hallucinations Are Characterized by Impaired Sensory Evidence Accumulation: Insights From Hierarchical Drift Diffusion Modeling in Parkinson's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 680-688.	1.1	51
142	A computational model of conditioning inspired by Drosophila olfactory system. <i>Neural Networks</i> , 2017, 87, 96-108.	3.3	25
143	Pharmacoinformatics exploration of polyphenol oxidases leading to novel inhibitors by virtual screening and molecular dynamic simulation study. <i>Computational Biology and Chemistry</i> , 2017, 68, 131-142.	1.1	36
144	Genetic underpinnings in Alzheimer's disease – a review. <i>Reviews in the Neurosciences</i> , 2017, 29, 21-38.	1.4	25

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145	The effects of dynamical synapses on firing rate activity: a spiking neural network model. <i>European Journal of Neuroscience</i> , 2017, 46, 2445-2470.	1.2	16
146	Sparse and burst spiking in artificial neural networks inspired by synaptic retrograde signaling. <i>Information Sciences</i> , 2017, 421, 30-42.	4.0	4
147	Persistent irregular activity is a result of rebound and coincident detection mechanisms: A computational study. <i>Neural Networks</i> , 2017, 90, 72-82.	3.3	3
148	Reward and punishment-based compound cue learning and generalization in opiate dependency. <i>Experimental Brain Research</i> , 2017, 235, 3153-3162.	0.7	3
149	Between God and self: exploring the attachment to God and authenticity/inauthenticity tendencies of South African Christian youths. <i>Mental Health, Religion and Culture</i> , 2017, 20, 109-127.	0.6	9
150	Examining patience as a psycho-religious construct in Iranian patients with cardiovascular diseases: a pilot study. <i>Mental Health, Religion and Culture</i> , 2017, 20, 617-625.	0.6	4
151	Building Bridges through Science. <i>Neuron</i> , 2017, 96, 730-735.	3.8	2
152	Toward a multiscale modeling framework for understanding serotonergic function. <i>Journal of Psychopharmacology</i> , 2017, 31, 1121-1136.	2.0	13
153	Learning and generalization from reward and punishment in opioid addiction. <i>Behavioural Brain Research</i> , 2017, 317, 122-131.	1.2	27
154	How Knowledge of Ancient Egyptian Women Can Influence Today's Gender Role: Does History Matter in Gender Psychology?. <i>Frontiers in Psychology</i> , 2017, 07, 2053.	1.1	10
155	Depression Reduces Accuracy While Parkinsonism Slows Response Time for Processing Positive Feedback in Patients with Parkinson's Disease with Comorbid Major Depressive Disorder Tested on a Probabilistic Category-Learning Task. <i>Frontiers in Psychiatry</i> , 2017, 8, 84.	1.3	16
156	Combined Computational Systems Biology and Computational Neuroscience Approaches Help Develop of Future "Cognitive Developmental Robotics". <i>Frontiers in Neurobotics</i> , 2017, 11, 63.	1.6	8
157	Reduced CA2-CA3 Hippocampal Subfield Volume Is Related to Depression and Normalized by L-DOPA in Newly Diagnosed Parkinson's Disease. <i>Frontiers in Neurology</i> , 2017, 8, 84.	1.1	26
158	Hyperechogenicity of the Substantia Nigra in Parkinson's Disease: Insights from Two Brothers with Markedly Different Disease Durations. <i>Case Reports in Neurological Medicine</i> , 2017, 2017, 1-4.	0.3	0
159	Intolerance of uncertainty in opioid dependency " Relationship with trait anxiety and impulsivity. <i>PLoS ONE</i> , 2017, 12, e0181955.	1.1	28
160	Computational analysis of histidine mutations on the structural stability of human tyrosinases leading to albinism insurgence. <i>Molecular BioSystems</i> , 2017, 13, 1534-1544.	2.9	8
161	Exaggerated Acquisition and Resistance to Extinction of Avoidance Behavior in Treated Heroin-Dependent Men. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 386-394.	1.1	27
162	Adenosine A2A Receptor Blockade Prevents Rotenone-Induced Motor Impairment in a Rat Model of Parkinsonism. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 35.	1.0	22

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163	Editorial: Schizophrenia: Human and Animal Studies. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 76.	1.0	2
164	On the Complexity of Brain Disorders: A Symptom-Based Approach. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 16.	1.2	11
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