

Sanjay G Manohar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,660

citations

21

h-index

39

g-index

117

ext. papers

2,413

ext. citations

6.3

avg, IF

5.19

L-index

#	Paper	IF	Citations
88	Reward Pays the Cost of Noise Reduction in Motor and Cognitive Control. <i>Current Biology</i> , 2015 , 25, 1707-16	3.8	180
87	Dopamine enhances willingness to exert effort for reward in Parkinson's disease. <i>Cortex</i> , 2015 , 69, 40-6	3.8	154
86	The psychopathology of NMDAR-antibody encephalitis in adults: a systematic review and phenotypic analysis of individual patient data. <i>Lancet Psychiatry</i> , 2019 , 6, 235-246	23.3	93
85	Individual Differences in Premotor Brain Systems Underlie Behavioral Apathy. <i>Cerebral Cortex</i> , 2016 , 26, 807-819	5.1	78
84	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank. <i>NeuroImage: Clinical</i> , 2019 , 23, 101904	5.3	64
83	Characterization of reward and effort mechanisms in apathy. <i>Journal of Physiology (Paris)</i> , 2015 , 109, 16-26		63
82	Reward sensitivity deficits modulated by dopamine are associated with apathy in Parkinson's disease. <i>Brain</i> , 2016 , 139, 2706-2721	11.2	63
81	The role of cognitive effort in subjective reward devaluation and risky decision-making. <i>Scientific Reports</i> , 2015 , 5, 16880	4.9	57
80	Neural mechanisms of attending to items in working memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 101, 1-12	9	56
79	Impulsivity and apathy in Parkinson's disease. <i>Journal of Neuropsychology</i> , 2013 , 7, 255-83	2.6	54
78	Causal evidence for a privileged working memory state in early visual cortex. <i>Journal of Neuroscience</i> , 2014 , 34, 158-62	6.6	53
77	Distinct effects of apathy and dopamine on effort-based decision-making in Parkinson's disease. <i>Brain</i> , 2018 , 141, 1455-1469	11.2	52
76	Identification of Myocardial Disarray in Patients With Hypertrophic Cardiomyopathy and Ventricular Arrhythmias. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2493-2502	15.1	47
75	Rapid forgetting results from competition over time between items in visual working memory. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017 , 43, 528-536	2.2	47
74	Dopamine modulates risk-taking as a function of baseline sensation-seeking trait. <i>Journal of Neuroscience</i> , 2013 , 33, 12982-6	6.6	40
73	Flexibility of representational states in working memory. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 853	3.3	38
72	Distinct Motivational Effects of Contingent and Noncontingent Rewards. <i>Psychological Science</i> , 2017 , 28, 1016-1026	7.9	37

71	Human ventromedial prefrontal lesions alter incentivisation by reward. <i>Cortex</i> , 2016 , 76, 104-20	3.8	36
70	Contrast affects the strength of synesthetic colors. <i>Cortex</i> , 2006 , 42, 184-94	3.8	31
69	Past rewards capture spatial attention and action choices. <i>Experimental Brain Research</i> , 2013 , 230, 291-300	3.0	26
68	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. <i>Nature Communications</i> , 2020 , 11, 4340	17.4	22
67	Motivation dynamically increases noise resistance by internal feedback during movement. <i>Neuropsychologia</i> , 2019 , 123, 19-29	3.2	21
66	Fractionating the Neurocognitive Mechanisms Underlying Working Memory: Independent Effects of Dopamine and Parkinson's Disease. <i>Cerebral Cortex</i> , 2017 , 27, 5727-5738	5.1	18
65	Dysfunctional effort-based decision-making underlies apathy in genetic cerebral small vessel disease. <i>Brain</i> , 2018 , 141, 3193-3210	11.2	18
64	Short-term memory for spatial, sequential and duration information. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 17, 20-26	4	16
63	Modulation of the pupillary response by the content of visual working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22802-22810	11.5	16
62	Dopamine and reward hypersensitivity in Parkinson's disease with impulse control disorder. <i>Brain</i> , 2020 , 143, 2502-2518	11.2	16
61	Fundamental bound on the persistence and capacity of short-term memory stored as graded persistent activity. <i>ELife</i> , 2017 , 6,	8.9	15
60	Voluntary modulation of saccadic peak velocity associated with individual differences in motivation. <i>Cortex</i> , 2020 , 122, 198-212	3.8	15
59	Dopamine Alters the Fidelity of Working Memory Representations according to Attentional Demands. <i>Journal of Cognitive Neuroscience</i> , 2017 , 29, 728-738	3.1	14
58	Precision of working memory for speech sounds. <i>Quarterly Journal of Experimental Psychology</i> , 2015 , 68, 2022-40	1.8	14
57	Attention as foraging for information and value. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 711	3.3	14
56	Reduced drift rate: a biomarker of impaired information processing in functional movement disorders. <i>Brain</i> , 2020 , 143, 674-683	11.2	14
55	Reward-Based Improvements in Motor Control Are Driven by Multiple Error-Reducing Mechanisms. <i>Journal of Neuroscience</i> , 2020 , 40, 3604-3620	6.6	12
54	Dopamine Modulates Option Generation for Behavior. <i>Current Biology</i> , 2018 , 28, 1561-1569.e3	6.3	11

53	Mind the gap: temporal discrimination and dystonia. <i>European Journal of Neurology</i> , 2017 , 24, 796-806	6	10
52	Ignoring versus updating in working memory reveal differential roles of attention and feature binding. <i>Cortex</i> , 2018 , 107, 50-63	3.8	10
51	Dopamine promotes instrumental motivation, but reduces reward-related vigour. <i>ELife</i> , 2020 , 9,	8.9	9
50	Short-term memory advantage for brief durations in human APOE ϵ carriers. <i>Scientific Reports</i> , 2020 , 10, 9503	4.9	8
49	Rapid vigilance and episodic memory decrements in COVID-19 survivors.. <i>Brain Communications</i> , 2022 , 4, fcab295	4.5	8
48	Recall cues interfere with retrieval from visuospatial working memory. <i>British Journal of Psychology</i> , 2019 , 110, 288-305	4	7
47	Magnetic Oculomotor Prosthetics for Acquired Nystagmus. <i>Ophthalmology</i> , 2017 , 124, 1556-1564	7.3	6
46	Working Memory for Sequences of Temporal Durations Reveals a Volatile Single-Item Store. <i>Frontiers in Psychology</i> , 2016 , 7, 1655	3.4	6
45	Dopamine D2 receptor stimulation modulates the balance between ignoring and updating according to baseline working memory ability. <i>Journal of Psychopharmacology</i> , 2019 , 33, 1254-1263	4.6	5
44	Mechanisms underlying apathy in Parkinson's disease. <i>Lancet, The</i> , 2015 , 385 Suppl 1, S71	4.0	5
43	In-group biases and oculomotor responses: beyond simple approach motivation. <i>Experimental Brain Research</i> , 2018 , 236, 1347-1355	2.3	5
42	Commentary: Noradrenaline and Dopamine Neurons in the Reward/Effort Trade-off: A Direct Electrophysiological Comparison in Behaving Monkeys. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 310	3.5	5
41	A new toolbox to distinguish the sources of spatial memory error. <i>Journal of Vision</i> , 2020 , 20, 6	0.4	5
40	Neural and computational mechanisms of momentary fatigue and persistence in effort-based choice. <i>Nature Communications</i> , 2021 , 12, 4593	17.4	5
39	Early management of atrial fibrillation in general surgical in-patients. <i>International Journal of Surgery</i> , 2006 , 4, 115-7	7.5	4
38	Gene therapy for GM1 gangliosidosis: challenges of translational medicine. <i>Annals of Translational Medicine</i> , 2015 , 3, S28	3.2	4
37	The relationship between apathy and impulsivity in large population samples. <i>Scientific Reports</i> , 2021 , 11, 4830	4.9	4
36	Apathy in small vessel cerebrovascular disease is associated with deficits in effort-based decision making. <i>Brain</i> , 2021 , 144, 1247-1262	11.2	4

35	The computational cost of active information sampling before decision-making under uncertainty. <i>Nature Human Behaviour</i> , 2021 , 5, 935-946	12.8	4
34	The human hippocampus and its subfield volumes across age, sex and APOE e4 status. <i>Brain Communications</i> , 2021 , 3, fcaa219	4.5	3
33	A neural model of working memory		3
32	Rapid vigilance and episodic memory decrements in COVID-19 survivors		3
31	Adjusting the Aperture of the Mind's Eye: Modulation of the Pupillary Response by the Content of Visual Working Memory. <i>SSRN Electronic Journal</i> , 2019 ,	1	2
30	Does reward modulate actions or bias attention?. <i>Journal of Neuroscience</i> , 2007 , 27, 10919-21	6.6	2
29	Multicentre appraisal of amyotrophic lateral sclerosis biofluid biomarkers shows primacy of blood neurofilament light chain.. <i>Brain Communications</i> , 2022 , 4, fcac029	4.5	2
28	Reward-based improvements in motor control are driven by multiple error-reducing mechanisms		2
27	Dopamine promotes instrumental motivation, but reduces reward-related vigour		2
26	Different patterns of short-term memory deficit in Alzheimer's disease, Parkinson's disease and subjective cognitive impairment. <i>Cortex</i> , 2020 , 132, 41-50	3.8	2
25	Nucleus accumbens D1-receptors regulate and focus transitions to reward-seeking action		2
24	Dopamine guides competition for cognitive control: Common effects of haloperidol on working memory and response conflict. <i>Cortex</i> , 2019 , 113, 156-168	3.8	2
23	An Investigation of Levetiracetam in Alzheimer's Disease (ILiAD): a double-blind, placebo-controlled, randomised crossover proof of concept study. <i>Trials</i> , 2021 , 22, 508	2.8	2
22	Dynamic in-flight shifts of working memory resources across saccades.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2022 , 48, 21-36	2.6	1
21	Vividness of visual imagery questionnaire scores and their relationship to visual short-term memory performance. <i>Cortex</i> , 2021 , 146, 186-199	3.8	1
20	Hunger improves reinforcement-driven but not planned action. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021 , 21, 1196-1206	3.5	1
19	Parallel encoding of information into visual short-term memory		1
18	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank		1

17	An association between prediction errors and risk-seeking: Theory and behavioral evidence. <i>PLoS Computational Biology</i> , 2021 , 17, e1009213	5	1
16	Impact of sleep duration on executive function and brain structure.. <i>Communications Biology</i> , 2022 , 5, 201	6.7	1
15	Hypersensitivity to uncertainty is key feature of subjective cognitive impairment		1
14	A common neural network architecture for visual search and working memory. <i>Visual Cognition</i> , 2020 , 28, 356-371	1.8	0
13	Reward sensitivity and action in Parkinson's disease patients with and without apathy. <i>Brain Communications</i> , 2021 , 3, fcab022	4.5	0
12	Reduced decision bias and more rational decision making following ventromedial prefrontal cortex damage. <i>Cortex</i> , 2021 , 138, 24-37	3.8	0
11	Impact of processing demands at encoding, maintenance and retrieval in visual working memory. <i>Cognition</i> , 2021 , 214, 104758	3.5	0
10	Motivation improves working memory by two processes: Prioritisation and retrieval thresholds.. <i>Cognitive Psychology</i> , 2022 , 135, 101472	3.1	0
9	Uncertainty-guided learning with scaled prediction errors in the basal ganglia. <i>PLoS Computational Biology</i> , 2022 , 18, e1009816	5	0
8	Myasthenia gravis as a stroke mimic <i>Clinical Medicine</i> , 2015 , 15, 212	1.9	
7	Cortical areas needed for choosing actions based on desires. <i>Brain</i> , 2017 , 140, 1539-1542	11.2	
6	A portable tablet task for assessment of short-term memory. <i>IBRO Reports</i> , 2019 , 6, S249	2	
5	WHY DOES DOPAMINE DEPLETION HAMPER MOVEMENT?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, e4.133-e4	5.5	
4	Model-based learning retrospectively updates model-free values.. <i>Scientific Reports</i> , 2022 , 12, 2358	4.9	
3	Attention for feature-context binding in working memory. <i>Journal of Vision</i> , 2019 , 19, 312	0.4	
2	Tremor in Parkinson's disease inverts the effect of dopamine on reinforcement. <i>Brain</i> , 2020 , 143, 3178-3180	1.8	
1	Binding continuous features in working memory with plastic attractors. <i>Journal of Vision</i> , 2021 , 21, 2355	0.4	