Sanjay G Manohar

List of Publications by Year in Descending Order

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	Dynamic in-flight shifts of working memory resources across saccades.. *Journal of Experimental Psychology: Human Perception and Performance*, **2022**, 48, 21-36	2.6	1
87	Rapid vigilance and episodic memory decrements in COVID-19 survivors.. *Brain Communications*, **2022**, 4, fcab295	4.5	8
86	Model-based learning retrospectively updates model-free values.. *Scientific Reports*, **2022**, 12, 2358	4.9	
85	Multicentre appraisal of amyotrophic lateral sclerosis biofluid biomarkers shows primacy of blood neurofilament light chain.. *Brain Communications*, **2022**, 4, fcac029	4.5	2
84	Impact of sleep duration on executive function and brain structure.. *Communications Biology*, **2022**, 5, 201	6.7	1
83	Motivation improves working memory by two processes: Prioritisation and retrieval thresholds.. *Cognitive Psychology*, **2022**, 135, 101472	3.1	0
82	Uncertainty‐guided learning with scaled prediction errors in the basal ganglia. *PLoS Computational Biology*, **2022**, 18, e1009816	5	0
81	Vividness of visual imagery questionnaire scores and their relationship to visual short-term memory performance. *Cortex*, **2021**, 146, 186-199	3.8	1
80	Hunger improves reinforcement-driven but not planned action. *Cognitive, Affective and Behavioral Neuroscience*, **2021**, 21, 1196-1206	3.5	1
79	The human hippocampus and its subfield volumes across age, sex and APOE e4 status. *Brain Communications*, **2021**, 3, fcaa219	4.5	3
78	The relationship between apathy and impulsivity in large population samples. *Scientific Reports*, **2021**, 11, 4830	4.9	4
77	Reward sensitivity and action in Parkinson's disease patients with and without apathy. *Brain Communications*, **2021**, 3, fcab022	4.5	0
76	Apathy in small vessel cerebrovascular disease is associated with deficits in effort-based decision making. *Brain*, **2021**, 144, 1247-1262	11.2	4
75	Reduced decision bias and more rational decision making following ventromedial prefrontal cortex damage. *Cortex*, **2021**, 138, 24-37	3.8	0
74	The computational cost of active information sampling before decision-making under uncertainty. *Nature Human Behaviour*, **2021**, 5, 935-946	12.8	4
73	Neural and computational mechanisms of momentary fatigue and persistence in effort-based choice. *Nature Communications*, **2021**, 12, 4593	17.4	5
72	An Investigation of Levetiracetam in Alzheimer's Disease (ILiAD): a double-blind, placebo-controlled, randomised crossover proof of concept study. *Trials*, **2021**, 22, 508	2.8	2

71	An association between prediction errors and risk-seeking: Theory and behavioral evidence. *PLoS Computational Biology*, **2021**, 17, e1009213	5	1
70	Impact of processing demands at encoding, maintenance and retrieval in visual working memory. *Cognition*, **2021**, 214, 104758	3.5	0
69	Binding continuous features in working memory with plastic attractors. *Journal of Vision*, **2021**, 21, 2355	0.4	
68	Short-term memory advantage for brief durations in human APOE ε4 carriers. *Scientific Reports*, **2020**, 10, 9503	4.9	8
67	A new toolbox to distinguish the sources of spatial memory error. *Journal of Vision*, **2020**, 20, 6	0.4	5
66	Dopamine promotes instrumental motivation, but reduces reward-related vigour. *ELife*, **2020**, 9,	8.9	9
65	Reduced drift rate: a biomarker of impaired information processing in functional movement disorders. *Brain*, **2020**, 143, 674-683	11.2	14
64	Different patterns of short-term memory deficit in Alzheimer's disease, Parkinson's disease and subjective cognitive impairment. *Cortex*, **2020**, 132, 41-50	3.8	2
63	A common neural network architecture for visual search and working memory. *Visual Cognition*, **2020**, 28, 356-371	1.8	0
62	Tremor in Parkinson's disease inverts the effect of dopamine on reinforcement. *Brain*, **2020**, 143, 3178-3189	11.2	
61	Dopamine and reward hypersensitivity in Parkinson's disease with impulse control disorder. *Brain*, **2020**, 143, 2502-2518	11.2	16
60	Cerebrovascular risk factors impact frontoparietal network integrity and executive function in healthy ageing. *Nature Communications*, **2020**, 11, 4340	17.4	22
59	Voluntary modulation of saccadic peak velocity associated with individual differences in motivation. *Cortex*, **2020**, 122, 198-212	3.8	15
58	Reward-Based Improvements in Motor Control Are Driven by Multiple Error-Reducing Mechanisms. *Journal of Neuroscience*, **2020**, 40, 3604-3620	6.6	12
57	Dopamine D2 receptor stimulation modulates the balance between ignoring and updating according to baseline working memory ability. *Journal of Psychopharmacology*, **2019**, 33, 1254-1263	4.6	5
56	Identification of Myocardial Disarray in Patients With Hypertrophic Cardiomyopathy and Ventricular Arrhythmias. *Journal of the American College of Cardiology*, **2019**, 73, 2493-2502	15.1	47
55	Adjusting the Aperture of the Mind's Eye: Modulation of the Pupillary Response by the Content of Visual Working Memory. *SSRN Electronic Journal*, **2019**,	1	2
54	Neural mechanisms of attending to items in working memory. *Neuroscience and Biobehavioral Reviews*, **2019**, 101, 1-12	9	56

53	The psychopathology of NMDAR-antibody encephalitis in adults: a systematic review and phenotypic analysis of individual patient data. *Lancet Psychiatry,the*, **2019**, 6, 235-246	23.3	93
52	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank. *NeuroImage: Clinical*, **2019**, 23, 101904	5.3	64
51	Modulation of the pupillary response by the content of visual working memory. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 22802-22810	11.5	16
50	A portable tablet task for assessment of short-term memory. *IBRO Reports*, **2019**, 6, S249	2	
49	Attention for feature-context binding in working memory. *Journal of Vision*, **2019**, 19, 312	0.4	
48	Dopamine guides competition for cognitive control: Common effects of haloperidol on working memory and response conflict. *Cortex*, **2019**, 113, 156-168	3.8	2
47	Recall cues interfere with retrieval from visuospatial working memory. *British Journal of Psychology*, **2019**, 110, 288-305	4	7
46	Motivation dynamically increases noise resistance by internal feedback during movement. *Neuropsychologia*, **2019**, 123, 19-29	3.2	21
45	Ignoring versus updating in working memory reveal differential roles of attention and feature binding. *Cortex*, **2018**, 107, 50-63	3.8	10
44	In-group biases and oculomotor responses: beyond simple approach motivation. *Experimental Brain Research*, **2018**, 236, 1347-1355	2.3	5
43	Distinct effects of apathy and dopamine on effort-based decision-making in Parkinson's disease. *Brain*, **2018**, 141, 1455-1469	11.2	52
42	Dysfunctional effort-based decision-making underlies apathy in genetic cerebral small vessel disease. *Brain*, **2018**, 141, 3193-3210	11.2	18
41	Dopamine Modulates Option Generation for Behavior. *Current Biology*, **2018**, 28, 1561-1569.e3	6.3	11
40	Distinct Motivational Effects of Contingent and Noncontingent Rewards. *Psychological Science*, **2017**, 28, 1016-1026	7.9	37
39	Dopamine Alters the Fidelity of Working Memory Representations according to Attentional Demands. *Journal of Cognitive Neuroscience*, **2017**, 29, 728-738	3.1	14
38	Short-term memory for spatial, sequential and duration information. *Current Opinion in Behavioral Sciences*, **2017**, 17, 20-26	4	16
37	Mind the gap: temporal discrimination and dystonia. *European Journal of Neurology*, **2017**, 24, 796-806	6	10
36	Fractionating the Neurocognitive Mechanisms Underlying Working Memory: Independent Effects of Dopamine and Parkinson's Disease. *Cerebral Cortex*, **2017**, 27, 5727-5738	5.1	18

35	Cortical areas needed for choosing actions based on desires. *Brain*, **2017**, 140, 1539-1542	11.2	
34	Magnetic Oculomotor Prosthetics for Acquired Nystagmus. *Ophthalmology*, **2017**, 124, 1556-1564	7.3	6
33	Fundamental bound on the persistence and capacity of short-term memory stored as graded persistent activity. *ELife*, **2017**, 6,	8.9	15
32	Rapid forgetting results from competition over time between items in visual working memory. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2017**, 43, 528-536	2.2	47
31	Human ventromedial prefrontal lesions alter incentivisation by reward. *Cortex*, **2016**, 76, 104-20	3.8	36
30	Individual Differences in Premotor Brain Systems Underlie Behavioral Apathy. *Cerebral Cortex*, **2016**, 26, 807-819	5.1	78
29	Working Memory for Sequences of Temporal Durations Reveals a Volatile Single-Item Store. *Frontiers in Psychology*, **2016**, 7, 1655	3.4	6
28	Reward sensitivity deficits modulated by dopamine are associated with apathy in Parkinson's disease. *Brain*, **2016**, 139, 2706-2721	11.2	63
27	Reward Pays the Cost of Noise Reduction in Motor and Cognitive Control. *Current Biology*, **2015**, 25, 1707-16	6.3	180
26	Mechanisms underlying apathy in Parkinson's disease. *Lancet, The*, **2015**, 385 Suppl 1, S71	40	5
25	Myasthenia gravis as a "stroke mimic" *Clinical Medicine*, **2015**, 15, 212	1.9	
24	Dopamine enhances willingness to exert effort for reward in Parkinson's disease. *Cortex*, **2015**, 69, 40-6	3.8	154
23	Characterization of reward and effort mechanisms in apathy. *Journal of Physiology (Paris)*, **2015**, 109, 16-26		63
22	The role of cognitive effort in subjective reward devaluation and risky decision-making. *Scientific Reports*, **2015**, 5, 16880	4.9	57
21	Commentary: Noradrenaline and Dopamine Neurons in the Reward/Effort Trade-off: A Direct Electrophysiological Comparison in Behaving Monkeys. *Frontiers in Behavioral Neuroscience*, **2015**, 9, 310	3.5	5
20	Precision of working memory for speech sounds. *Quarterly Journal of Experimental Psychology*, **2015**, 68, 2022-40	1.8	14
19	Gene therapy for GM1 gangliosidosis: challenges of translational medicine. *Annals of Translational Medicine*, **2015**, 3, S28	3.2	4
18	Flexibility of representational states in working memory. *Frontiers in Human Neuroscience*, **2014**, 8, 853	3.3	38

17	WHY DOES DOPAMINE DEPLETION HAMPER MOVEMENT?. *Journal of Neurology, Neurosurgery and Psychiatry*, **2014**, 85, e4.133-e4	5.5	
16	Causal evidence for a privileged working memory state in early visual cortex. *Journal of Neuroscience*, **2014**, 34, 158-62	6.6	53
15	Dopamine modulates risk-taking as a function of baseline sensation-seeking trait. *Journal of Neuroscience*, **2013**, 33, 12982-6	6.6	40
14	Past rewards capture spatial attention and action choices. *Experimental Brain Research*, **2013**, 230, 291-300	2.3	26
13	Impulsivity and apathy in Parkinson's disease. *Journal of Neuropsychology*, **2013**, 7, 255-83	2.6	54
12	Attention as foraging for information and value. *Frontiers in Human Neuroscience*, **2013**, 7, 711	3.3	14
11	Does reward modulate actions or bias attention?. *Journal of Neuroscience*, **2007**, 27, 10919-21	6.6	2
10	Contrast affects the strength of synesthetic colors. *Cortex*, **2006**, 42, 184-94	3.8	31
9	Early management of atrial fibrillation in general surgical in-patients. *International Journal of Surgery*, **2006**, 4, 115-7	7.5	4
8	Parallel encoding of information into visual short-term memory		1
7	Reward-based improvements in motor control are driven by multiple error-reducing mechanisms		2
6	Dopamine promotes instrumental motivation, but reduces reward-related vigour		2
5	A neural model of working memory		3
4	Hippocampal volume across age: Nomograms derived from over 19,700 people in UK Biobank		1
3	Nucleus accumbens D1-receptors regulate and focus transitions to reward-seeking action		2
2	Rapid vigilance and episodic memory decrements in COVID-19 survivors		3
1	Hypersensitivity to uncertainty is key feature of subjective cognitive impairment		1