

Jonathan M Koller

List of Publications by Year in descending order

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41
papers

1,769
citations

331670

21
h-index

302126

39
g-index

63
all docs

63
docs citations

63
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221
2	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
3	Behavioral interventions for reducing head motion during MRI scans in children. <i>NeuroImage</i> , 2018, 171, 234-245.	4.2	149
4	A possible substrate for dopamine-related changes in mood and behavior: Prefrontal and limbic effects of a D3-preferring dopamine agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17113-17118.	7.1	114
5	Functional anatomy of subthalamic nucleus stimulation in Parkinson disease. <i>Annals of Neurology</i> , 2014, 76, 279-295.	5.3	106
6	Template Images for Nonhuman Primate Neuroimaging: 1. Baboon. <i>NeuroImage</i> , 2001, 14, 736-743.	4.2	89
7	Prospectively Determined Impact of Type 1 Diabetes on Brain Volume During Development. <i>Diabetes</i> , 2011, 60, 3006-3014.	0.6	84
8	Quantification of Indirect Pathway Inhibition by the Adenosine A _{2a} Antagonist SYN115 in Parkinson Disease. <i>Journal of Neuroscience</i> , 2010, 30, 16284-16292.	3.6	81
9	Early Brain Vulnerability in Wolfram Syndrome. <i>PLoS ONE</i> , 2012, 7, e40604.	2.5	77
10	Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019, 29, 2509-2523.	2.9	56
11	CSF proteins and resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2015, 84, 2413-2421.	1.1	51
12	Insulin, Central Dopamine D2 Receptors, and Monetary Reward Discounting in Obesity. <i>PLoS ONE</i> , 2015, 10, e0133621.	2.5	50
13	Reward enhances tic suppression in children within months of tic disorder onset. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 65-74.	4.0	45
14	Prediction of striatal D2 receptor binding by DRD2/ANKK1 TaqIA allele status. <i>Synapse</i> , 2016, 70, 418-431.	1.2	44
15	Emotional Eating Phenotype is Associated with Central Dopamine D2 Receptor Binding Independent of Body Mass Index. <i>Scientific Reports</i> , 2015, 5, 11283.	3.3	38
16	Provisional Tic Disorder is not so transient. <i>Scientific Reports</i> , 2019, 9, 3951.	3.3	37
17	Severity of clinical presentation in youth with type 1 diabetes is associated with differences in brain structure. <i>Pediatric Diabetes</i> , 2017, 18, 686-695.	2.9	30
18	Cognitive correlates of cerebellar resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2020, 94, e384-e396.	1.1	30

#	ARTICLE	IF	CITATIONS
19	Mapping movement, mood, motivation and mentation in the subthalamic nucleus. Royal Society Open Science, 2018, 5, 171177.	2.4	29
20	Neuroimaging evidence of deficient axon myelination in Wolfram syndrome. Scientific Reports, 2016, 6, 21167.	3.3	28
21	Proteinopathy and longitudinal changes in functional connectivity networks in Parkinson disease. Neurology, 2020, 94, e718-e728.	1.1	26
22	Arterial spin labeling versus BOLD in direct challenge and drug-task interaction pharmacological fMRI. PeerJ, 2014, 2, e687.	2.0	21
23	Tic Suppression in Children With Recent-Onset Tics Predicts 1-Year Tic Outcome. Journal of Child Neurology, 2019, 34, 757-764.	1.4	21
24	Evidence for altered neurodevelopment and neurodegeneration in Wolfram syndrome using longitudinal morphometry. Scientific Reports, 2019, 9, 6010.	3.3	19
25	Levodopa effects on [11C]raclopride binding in the resting human brain. F1000Research, 2015, 4, 23.	1.6	17
26	TicTimer software for measuring tic suppression. F1000Research, 2017, 6, 1560.	1.6	15
27	Cerebellar Volume and Executive Function in Parkinson Disease with and without Freezing of Gait. Journal of Parkinson's Disease, 2017, 7, 149-157.	2.8	13
28	Functional Connectivity of Vermis Correlates with Future Gait Impairments in Parkinson's Disease. Movement Disorders, 2021, 36, 2559-2568.	3.9	13
29	TicTimer software for measuring tic suppression. F1000Research, 2017, 6, 1560.	1.6	13
30	Intravenous levodopa administration in humans based on a two-compartment kinetic model. Journal of Neuroscience Methods, 2007, 159, 300-307.	2.5	11
31	The urge to blink in Tourette syndrome. Cortex, 2019, 120, 556-566.	2.4	11
32	Hippocampal Volume in Provisional Tic Disorder Predicts Tic Severity at 12-Month Follow-up. Journal of Clinical Medicine, 2020, 9, 1715.	2.4	11
33	Dopamine Buffering Capacity Imaging: A Pharmacodynamic fMRI Method for Staging Parkinson Disease. Frontiers in Neurology, 2020, 11, 370.	2.4	7
34	Rapid Quantitative Pharmacodynamic Imaging with Bayesian Estimation. Frontiers in Neuroscience, 2016, 10, 144.	2.8	5
35	Additive global cerebral blood flow normalization in arterial spin labeling perfusion imaging. PeerJ, 2015, 3, e834.	2.0	5
36	Striatal Dopamine Responses to Feeding are Altered in People with Obesity. Obesity, 2020, 28, 765-771.	3.0	4

#	ARTICLE	IF	CITATIONS
37	TicTimer Web: software for measuring tic suppression remotely. F1000Research, 2020, 9, 1264.	1.6	4
38	VISIT-TS: A multimedia tool for population studies on tic disorders. F1000Research, 2016, 5, 1518.	1.6	4
39	A revised method for measuring distraction by tactile stimulation. F1000Research, 2014, 3, 188.	1.6	2
40	VISIT-TS version 2: A multimedia tool for population studies on tic disorders. F1000Research, 2016, 5, 1518.	1.6	2
41	TicTimer Web: software for measuring tic suppression remotely. F1000Research, 2020, 9, 1264.	1.6	2