

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	Functional Connectivity of Vermis Correlates with Future Gait Impairments in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2559-2568.	3.9	13
2	Proteinopathy and longitudinal changes in functional connectivity networks in Parkinson disease. <i>Neurology</i> , 2020, 94, e718-e728.	1.1	26
3	Cognitive correlates of cerebellar resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2020, 94, e384-e396.	1.1	30
4	Correction of respiratory artifacts in MRI head motion estimates. <i>NeuroImage</i> , 2020, 208, 116400.	4.2	161
5	Dopamine Buffering Capacity Imaging: A Pharmacodynamic fMRI Method for Staging Parkinson Disease. <i>Frontiers in Neurology</i> , 2020, 11, 370.	2.4	7
6	Hippocampal Volume in Provisional Tic Disorder Predicts Tic Severity at 12-Month Follow-up. <i>Journal of Clinical Medicine</i> , 2020, 9, 1715.	2.4	11
7	Striatal Dopamine Responses to Feeding are Altered in People with Obesity. <i>Obesity</i> , 2020, 28, 765-771.	3.0	4
8	TicTimer Web: software for measuring tic suppression remotely. <i>F1000Research</i> , 2020, 9, 1264.	1.6	4
9	TicTimer Web: software for measuring tic suppression remotely. <i>F1000Research</i> , 2020, 9, 1264.	1.6	2
10	Emergent Functional Network Effects in Parkinson Disease. <i>Cerebral Cortex</i> , 2019, 29, 2509-2523.	2.9	56
11	The urge to blink in Tourette syndrome. <i>Cortex</i> , 2019, 120, 556-566.	2.4	11
12	Tic Suppression in Children With Recent-Onset Tics Predicts 1-Year Tic Outcome. <i>Journal of Child Neurology</i> , 2019, 34, 757-764.	1.4	21
13	Provisional Tic Disorder is not so transient. <i>Scientific Reports</i> , 2019, 9, 3951.	3.3	37
14	Evidence for altered neurodevelopment and neurodegeneration in Wolfram syndrome using longitudinal morphometry. <i>Scientific Reports</i> , 2019, 9, 6010.	3.3	19
15	Behavioral interventions for reducing head motion during MRI scans in children. <i>NeuroImage</i> , 2018, 171, 234-245.	4.2	149
16	Mapping movement, mood, motivation and mentation in the subthalamic nucleus. <i>Royal Society Open Science</i> , 2018, 5, 171177.	2.4	29
17	Cerebellar Volume and Executive Function in Parkinson Disease with and without Freezing of Gait. <i>Journal of Parkinson's Disease</i> , 2017, 7, 149-157.	2.8	13
18	Real-time motion analytics during brain MRI improve data quality and reduce costs. <i>NeuroImage</i> , 2017, 161, 80-93.	4.2	221

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19	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
20	TicTimer software for measuring tic suppression. <i>F1000Research</i> , 2017, 6, 1560.	1.6	15
21	TicTimer software for measuring tic suppression. <i>F1000Research</i> , 2017, 6, 1560.	1.6	13
22	Rapid Quantitative Pharmacodynamic Imaging with Bayesian Estimation. <i>Frontiers in Neuroscience</i> , 2016, 10, 144.	2.8	5
23	Prediction of striatal D2 receptor binding by DRD2/ANKK1 TaqIA allele status. <i>Synapse</i> , 2016, 70, 418-431.	1.2	44
24	Neuroimaging evidence of deficient axon myelination in Wolfram syndrome. <i>Scientific Reports</i> , 2016, 6, 21167.	3.3	28
25	VISIT-TS: A multimedia tool for population studies on tic disorders. <i>F1000Research</i> , 2016, 5, 1518.	1.6	4
26	VISIT-TS version 2: A multimedia tool for population studies on tic disorders. <i>F1000Research</i> , 2016, 5, 1518.	1.6	2
27	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
28	Insulin, Central Dopamine D2 Receptors, and Monetary Reward Discounting in Obesity. <i>PLoS ONE</i> , 2015, 10, e0133621.	2.5	50
29	CSF proteins and resting-state functional connectivity in Parkinson disease. <i>Neurology</i> , 2015, 84, 2413-2421.	1.1	51
30	Reward enhances tic suppression in children within months of tic disorder onset. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 65-74.	4.0	45
31	Levodopa effects on [11C]raclopride binding in the resting human brain. <i>F1000Research</i> , 2015, 4, 23.	1.6	17
32	Additive global cerebral blood flow normalization in arterial spin labeling perfusion imaging. <i>PeerJ</i> , 2015, 3, e834.	2.0	5
33	Arterial spin labeling versus BOLD in direct challenge and drug-task interaction pharmacological fMRI. <i>PeerJ</i> , 2014, 2, e687.	2.0	21
34	Functional anatomy of subthalamic nucleus stimulation in Parkinson disease. <i>Annals of Neurology</i> , 2014, 76, 279-295.	5.3	106
35	A revised method for measuring distraction by tactile stimulation. <i>F1000Research</i> , 2014, 3, 188.	1.6	2
36	Early Brain Vulnerability in Wolfram Syndrome. <i>PLoS ONE</i> , 2012, 7, e40604.	2.5	77

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37	Prospectively Determined Impact of Type 1 Diabetes on Brain Volume During Development. <i>Diabetes</i> , 2011, 60, 3006-3014.	0.6	84
38	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
39	Intravenous levodopa administration in humans based on a two-compartment kinetic model. <i>Journal of Neuroscience Methods</i> , 2007, 159, 300-307.	2.5	11
40	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
41	Template Images for Nonhuman Primate Neuroimaging: 1. Baboon. <i>NeuroImage</i> , 2001, 14, 736-743.	4.2	89