

# Talin Babikian

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,421  
citations

430442

18  
h-index

454577

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurocognitive outcomes and recovery after pediatric TBI: Meta-analytic review of the literature.. <i>Neuropsychology</i> , 2009, 23, 283-296.	1.0	417
2	The UCLA Longitudinal Study of Neurocognitive Outcomes Following Mild Pediatric Traumatic Brain Injury. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 886-895.	1.2	150
3	MR spectroscopy: Predicting long-term neuropsychological outcome following pediatric TBI. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 801-811.	1.9	103
4	Callosal Function in Pediatric Traumatic Brain Injury Linked to Disrupted White Matter Integrity. <i>Journal of Neuroscience</i> , 2015, 35, 10202-10211.	1.7	79
5	White matter disruption in moderate/severe pediatric traumatic brain injury: Advanced tract-based analyses. <i>NeuroImage: Clinical</i> , 2015, 7, 493-505.	1.4	71
6	Predictors of 1-Month and 1-Year Neurocognitive Functioning from the UCLA Longitudinal Mild, Uncomplicated, Pediatric Traumatic Brain Injury Study. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 145-154.	1.2	69
7	Molecular and Physiological Responses to Juvenile Traumatic Brain Injury: Focus on Growth and Metabolism. <i>Developmental Neuroscience</i> , 2010, 32, 431-441.	1.0	57
8	Metabolic Levels in the Corpus Callosum and Their Structural and Behavioral Correlates after Moderate to Severe Pediatric TBI. <i>Journal of Neurotrauma</i> , 2010, 27, 473-481.	1.7	52
9	Diverging white matter trajectories in children after traumatic brain injury. <i>Neurology</i> , 2017, 88, 1392-1399.	1.5	33
10	Diffusion-Weighted Imaging Predicts Cognition in Pediatric Brain Injury. <i>Pediatric Neurology</i> , 2009, 41, 406-412.	1.0	32
11	Diffusion MRI in pediatric brain injury. <i>Child's Nervous System</i> , 2017, 33, 1683-1692.	0.6	32
12	Neuroimaging of the Injured Pediatric Brain: Methods and New Lessons. <i>Neuroscientist</i> , 2018, 24, 652-670.	2.6	32
13	The clinical utility of proton magnetic resonance spectroscopy in traumatic brain injury: recommendations from the ENIGMA MRS working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 504-525.	1.1	32
14	The UCLA study of Predictors of Cognitive Functioning Following Moderate/Severe Pediatric Traumatic Brain Injury. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 512-519.	1.2	29
15	Tensor-Based Morphometry Reveals Volumetric Deficits in Moderate/Severe Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 840-852.	1.7	28
16	Diverging volumetric trajectories following pediatric traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017, 15, 125-135.	1.4	28
17	The UCLA Study of Children with Moderate-to-Severe Traumatic Brain Injury: Event-Related Potential Measure of Interhemispheric Transfer Time. <i>Journal of Neurotrauma</i> , 2016, 33, 990-996.	1.7	24
18	Whole Brain Magnetic Resonance Spectroscopic Determinants of Functional Outcomes in Pediatric Moderate/Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1637-1645.	1.7	20

#	ARTICLE	IF	CITATIONS
19	Magnetic resonance spectroscopy of fiber tracts in children with traumatic brain injury: A combined MRS & Diffusion MRI study. <i>Human Brain Mapping</i> , 2018, 39, 3759-3768.	1.9	19
20	Toward a global and reproducible science for brain imaging in neurotrauma: the ENIGMA adult moderate/severe traumatic brain injury working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 526-554.	1.1	16
21	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.5	14
22	The Effect of Aerobic Exercise on Concussion Recovery: A Pilot Clinical Trial. <i>Journal of the International Neuropsychological Society</i> , 2021, 27, 790-804.	1.2	10
23	White matter integrity in traumatic brain injury: Effects of permissible fiber turning angle. , 2015, 2015, 930-933.		9
24	A network approach to examining injury severity in pediatric TBI. , 2017, 2017, 105-108.		9
25	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. <i>Brain Imaging and Behavior</i> , 2021, 15, 555-575.	1.1	8
26	Functional Brain Hyperactivations Are Linked to an Electrophysiological Measure of Slow Interhemispheric Transfer Time after Pediatric Moderate/Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 397-409.	1.7	7
27	Identifying School Challenges Following Concussion: Psychometric Evidence for the Concussion Learning Assessment & School Survey, 3rd Ed. (CLASS-3). <i>Journal of Pediatric Neuropsychology</i> , 2020, 6, 203-217.	0.3	7
28	A Review of Family Environment and Neurobehavioral Outcomes Following Pediatric Traumatic Brain Injury: Implications of Early Adverse Experiences, Family Stress, and Limbic Development. <i>Biological Psychiatry</i> , 2022, 91, 488-497.	0.7	7
29	Health-Related Quality of Life After Concussion. <i>JAMA Pediatrics</i> , 2016, 170, e162985.	3.3	3
30	Variable clustering reveals associations between subcortical brain volume and cognitive changes in pediatric traumatic brain injury. , 2017, , .		2
31	Cardiorespiratory Functioning in Youth with Persistent Post-Concussion Symptoms: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 561.	1.0	2
32	Contextual Considerations for the Increased Risk of Mental Health Problems Following Concussion in Youth. <i>JAMA Network Open</i> , 2022, 5, e221242.	2.8	2
33	Adaptive algorithms to map how brain trauma affects anatomical connectivity in children. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
34	Fiber Tracking in Traumatic Brain Injury: Comparison of 9 Tractography Algorithms. <i>Lecture Notes in Computer Science</i> , 2016, , 33-44.	1.0	0
35	Multi-modal Registration Improves Group Discrimination in Pediatric Traumatic Brain Injury. <i>Lecture Notes in Computer Science</i> , 2016, 10154, 32-42.	1.0	0
36	Tract-based spectroscopy to investigate pediatric brain trauma. , 2017, , .		0