

# Michael L Lipton

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,803  
citations

257450

24  
h-index

189892

50  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soccer Heading Is Associated with White Matter Microstructural and Cognitive Abnormalities. <i>Radiology</i> , 2013, 268, 850-857.	7.3	289
2	Diffusion-Tensor Imaging Implicates Prefrontal Axonal Injury in Executive Function Impairment Following Very Mild Traumatic Brain Injury. <i>Radiology</i> , 2009, 252, 816-824.	7.3	266
3	Compressed sensing MRI: a review of the clinical literature. <i>British Journal of Radiology</i> , 2015, 88, 20150487.	2.2	264
4	Multifocal White Matter Ultrastructural Abnormalities in Mild Traumatic Brain Injury with Cognitive Disability: A Voxel-Wise Analysis of Diffusion Tensor Imaging. <i>Journal of Neurotrauma</i> , 2008, 25, 1335-1342.	3.4	218
5	Laminar Profile and Physiology of the $\beta$ Rhythm in Primary Visual, Auditory, and Somatosensory Regions of Neocortex. <i>Journal of Neuroscience</i> , 2015, 35, 14341-14352.	3.6	164
6	Robust detection of traumatic axonal injury in individual mild traumatic brain injury patients: Intersubject variation, change over time and bidirectional changes in anisotropy. <i>Brain Imaging and Behavior</i> , 2012, 6, 329-342.	2.1	145
7	Differential association of left and right hippocampal volumes with verbal episodic and spatial memory in older adults. <i>Neuropsychologia</i> , 2016, 93, 380-385.	1.6	108
8	Embracing chaos: the scope and importance of clinical and pathological heterogeneity in mTBI. <i>Brain Imaging and Behavior</i> , 2012, 6, 255-282.	2.1	105
9	Diffusion Tensor Imaging Abnormalities in Patients With Mild Traumatic Brain Injury and Neurocognitive Impairment. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 293-297.	0.9	102
10	Ipsilateral Hand Input to Area 3b Revealed by Converging Hemodynamic and Electrophysiological Analyses in Macaque Monkeys. <i>Journal of Neuroscience</i> , 2006, 26, 180-185.	3.6	86
11	Roles of hippocampal subfields in verbal and visual episodic memory. <i>Behavioural Brain Research</i> , 2017, 317, 157-162.	2.2	78
12	Sex Differences in Animal Models of Traumatic Brain Injury. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951984402.	2.3	67
13	Hippocampal volume and cingulum bundle fractional anisotropy are independently associated with verbal memory in older adults. <i>Brain Imaging and Behavior</i> , 2016, 10, 652-659.	2.1	66
14	Estrogen- and progesterone-mediated structural neuroplasticity in women: evidence from neuroimaging. <i>Brain Structure and Function</i> , 2016, 221, 3845-3867.	2.3	62
15	Recent and Long-Term Soccer Heading Exposure Is Differentially Associated With Neuropsychological Function in Amateur Players. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 147-155.	1.8	62
16	Whole Brain Approaches for Identification of Microstructural Abnormalities in Individual Patients: Comparison of Techniques Applied to Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e59382.	2.5	55
17	Symptoms from repeated intentional and unintentional head impact in soccer players. <i>Neurology</i> , 2017, 88, 901-908.	1.1	51
18	Perceived Stress Is Differentially Related to Hippocampal Subfield Volumes among Older Adults. <i>PLoS ONE</i> , 2016, 11, e0154530.	2.5	48

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19	MRI-defined White Matter Microstructural Alteration Associated with Soccer Heading Is More Extensive in Women than Men. <i>Radiology</i> , 2018, 289, 478-486.	7.3	46
20	Heading Frequency Is More Strongly Related to Cognitive Performance Than Unintentional Head Impacts in Amateur Soccer Players. <i>Frontiers in Neurology</i> , 2018, 9, 240.	2.4	38
21	Clinical characteristics of the first and second COVID-19 waves in the Bronx, New York: A retrospective cohort study. <i>The Lancet Regional Health Americas</i> , 2021, 3, 100041.	2.6	36
22	Hippocampal subfields differentially correlate with chronic pain in older adults. <i>Brain Research</i> , 2014, 1573, 54-62.	2.2	35
23	Interactions within the Hand Representation in Primary Somatosensory Cortex of Primates. <i>Journal of Neuroscience</i> , 2010, 30, 15895-15903.	3.6	32
24	Individuals with sickle cell disease and sickle cell trait demonstrate no increase in mortality or critical illness from COVID-19 - a fifteen hospital observational study in the Bronx, New York. <i>Haematologica</i> , 2021, 106, 3014-3016.	3.5	32
25	New onset and persistent neurological and psychiatric sequelae of COVID-19 compared to influenza: A retrospective cohort study in a large New York City healthcare network. <i>International Journal of Methods in Psychiatric Research</i> , 2022, 31, .	2.1	30
26	Animal models of closed-skull, repetitive mild traumatic brain injury. , 2019, 198, 109-122.		27
27	Implantable Electronic Stimulation Devices from Head to Sacrum: Imaging Features and Functions. <i>Radiographics</i> , 2019, 39, 1056-1074.	3.3	23
28	Characterization of Neck Strength in Healthy Young Adults. <i>PM and R</i> , 2017, 9, 884-891.	1.6	22
29	Bidirectional Changes in Anisotropy Are Associated with Outcomes in Mild Traumatic Brain Injury. <i>American Journal of Neuroradiology</i> , 2016, 37, 1983-1991.	2.4	21
30	Diffusion Tensor Imaging of the Evolving Response to Mild Traumatic Brain Injury in Rats. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951985862.	2.3	21
31	Associations of Apolipoprotein E $\epsilon$ 4 Genotype and Ball Heading With Verbal Memory in Amateur Soccer Players. <i>JAMA Neurology</i> , 2020, 77, 419.	9.0	19
32	Subject Based Registration for Individualized Analysis of Diffusion Tensor MRI. <i>PLoS ONE</i> , 2015, 10, e0142288.	2.5	15
33	Outcomes of Hospitalized Patients With COVID-19 With Acute Kidney Injury and Acute Cardiac Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 798897.	2.4	15
34	The relationship between hippocampal volume, chronic pain, and depressive symptoms in older adults. <i>Psychiatry Research - Neuroimaging</i> , 2019, 289, 10-12.	1.8	14
35	Oral contraceptive use is associated with smaller hypothalamic and pituitary gland volumes in healthy women: A structural MRI study. <i>PLoS ONE</i> , 2021, 16, e0249482.	2.5	14
36	Prophylactic versus therapeutic dose anticoagulation effects on survival among critically ill patients with COVID-19. <i>PLoS ONE</i> , 2022, 17, e0262811.	2.5	13

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37	Framing potential for adverse effects of repetitive subconcussive impacts in soccer in the context of athlete and non-athlete controls. <i>Brain Imaging and Behavior</i> , 2021, 15, 882-895.	2.1	12
38	The association of visual memory with hippocampal volume. <i>PLoS ONE</i> , 2017, 12, e0187851.	2.5	12
39	Validation of HeadCount-2w for estimation of two-week heading: Comparison to daily reporting in adult amateur player. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 363-367.	1.3	11
40	Enhancing the Radiology Learning Experience With Electronic Whiteboard Technology. <i>American Journal of Roentgenology</i> , 2010, 194, 1547-1551.	2.2	10
41	Arterial spin labeling compared to dynamic susceptibility contrast MR perfusion imaging for assessment of ischemic penumbra: A systematic review. <i>Journal of Neuroimaging</i> , 2021, 31, 1067-1076.	2.0	9
42	The ENIGMA sports injury working group:“ an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 576-584.	2.1	8
43	Neuroimaging of brain trauma in sports. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 158, 205-216.	1.8	7
44	Heading and unintentional head impacts have opposing associations with Patient Reported Outcomes in amateur soccer players. <i>Research in Sports Medicine</i> , 2018, 26, 390-400.	1.3	7
45	White matter microstructural abnormalities in blast-exposed combat veterans: accounting for potential pre-injury factors using consanguineous controls. <i>Neuroradiology</i> , 2018, 60, 1019-1033.	2.2	7
46	Soccer heading and concussion are not associated with reduced brain volume or cortical thickness. <i>PLoS ONE</i> , 2020, 15, e0235609.	2.5	6
47	The Impact of Sleep on the Relationship between Soccer Heading Exposure and Neuropsychological Function in College-Age Soccer Players. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 633-644.	1.8	6
48	A Gaussian Mixture Model Approach for Estimating and Comparing the Shapes of Distributions of Neuroimaging Data: Diffusion-Measured Aging Effects in Brain White Matter. <i>Frontiers in Public Health</i> , 2014, 2, 32.	2.7	4
49	Two step Gaussian mixture model approach to characterize white matter disease based on distributional changes. <i>Journal of Neuroscience Methods</i> , 2016, 270, 156-164.	2.5	4
50	Clarifying the Robust Foundation for and Appropriate Use of DTI in mTBI Patients. <i>AJOB Neuroscience</i> , 2014, 5, 41-43.	1.1	3
51	Advanced neuroimaging in the clinic: critical appraisal of the evidence base. <i>British Journal of Radiology</i> , 2016, 89, 20150753.	2.2	2
52	Near-Term Decrease in Brain Volume following Mild Traumatic Injury Is Detectable in the Context of Preinjury Volumetric Stability: Neurobiologic Insights from Analysis of Historical Imaging Examinations. <i>American Journal of Neuroradiology</i> , 2018, 39, 1821-1826.	2.4	2
53	MR. Implant: Rapid Evidence-Based Determination of Implant Safety Status. <i>Journal of the American College of Radiology</i> , 2018, 15, 993-997.	1.8	1
54	Registration quality filtering improves robustness of voxel-wise analyses to the choice of brain template. <i>NeuroImage</i> , 2021, 227, 117657.	4.2	1

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55	P3-181: Correlates of memory function in older adults: The importance of white matter hyperintensities and hippocampal volume. , 2015, 11, P699-P700.		0
56	Poster 311 Neck Strength in Healthy Adults: Normal Ranges, Correlations to Anthropometric Measurements, and Reliability of Measurement. PM and R, 2015, 7, S193-S193.	1.6	0
57	P4-149: Stress and white matter hyperintensities in nondemented older adults. , 2015, 11, P836-P836.		0
58	[P3â€“355]: WHITE MATTER HYPERINTENSITIES MODIFY THE RELATIONSHIP BETWEEN HIPPOCAMPAL VOLUME AND VERBAL MEMORY IN OLDER ADULTS WITHOUT DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1091.	0.8	0