

Talia M Nir

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,735
citations

471509

17
h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

4030
citing authors

#	ARTICLE	IF	CITATIONS
1	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
2	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. <i>NeuroImage: Clinical</i> , 2013, 3, 180-195.	2.7	277
3	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. <i>Human Brain Mapping</i> , 2015, 36, 3087-3103.	3.6	125
4	Comparison of nine tractography algorithms for detecting abnormal structural brain networks in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 48.	3.4	115
5	Brain connectivity and novel network measures for Alzheimer's disease classification. <i>Neurobiology of Aging</i> , 2015, 36, S121-S131.	3.1	83
6	Diffusion MRI Indices and Their Relation to Cognitive Impairment in Brain Aging: The Updated Multi-protocol Approach in ADNI3. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 2.	2.5	79
7	Mapping white matter integrity in elderly people with HIV. <i>Human Brain Mapping</i> , 2014, 35, 975-992.	3.6	71
8	Diffusion weighted imaging-based maximum density path analysis and classification of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, S132-S140.	3.1	61
9	White matter hyperintensities correlate to cognition and fiber tract integrity in older adults with HIV. <i>Journal of NeuroVirology</i> , 2017, 23, 422-429.	2.1	55
10	ENIGMA-DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in cross-diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	3.6	52
11	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2020, 25, 2818-2831.	7.9	50
12	Alzheimer's disease disrupts rich club organization in brain connectivity networks. , 2013, , 266-269.		40
13	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014, 102, 548-557.	4.2	35
14	Tractography density and network measures in Alzheimer's disease. , 2013, 2013, 692-695.		32
15	Connectivity network measures predict volumetric atrophy in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, S113-S120.	3.1	31
16	Fractional anisotropy derived from the diffusion tensor distribution function boosts power to detect Alzheimer's disease deficits. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2322-2333.	3.0	31
17	Age and sex effects on advanced white matter microstructure measures in 15,628 older adults: A UK biobank study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2813-2823.	2.1	29
18	Progressive brain atrophy in chronically infected and treated HIV+ individuals. <i>Journal of NeuroVirology</i> , 2019, 25, 342-353.	2.1	26

#	ARTICLE	IF	CITATIONS
19	Feature selection improves the accuracy of classifying Alzheimer disease using diffusion tensor images. , 2015, 2015, 126-130.		25
20	The joint effect of aging and HIV infection on microstructure of white matter bundles. Human Brain Mapping, 2019, 40, 4370-4380.	3.6	20
21	Small world network measures predict white matter degeneration in patients with early-stage mild cognitive impairment. , 2012, , 1405-1408.		18
22	Algebraic Connectivity of Brain Networks Shows Patterns of Segregation Leading to Reduced Network Robustness in Alzheimer's Disease. Mathematics and Visualization, 2014, 2014, 55-64.	0.6	18
23	Spectral graph theory and graph energy metrics show evidence for the alzheimer's disease disconnection syndrome in APOE-4 risk gene carriers. , 2015, 2015, 458-461.		17
24	Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. JAMA Network Open, 2021, 4, e2031190.	5.9	16
25	Structural Neuroimaging and Neuropsychologic Signatures in Children With Vertically Acquired HIV. Pediatric Infectious Disease Journal, 2018, 37, 662-668.	2.0	13
26	The Impact of Alcohol Use on Frontal White Matter in HIV. Alcoholism: Clinical and Experimental Research, 2018, 42, 1640-1649.	2.4	13
27	Mapping abnormal subcortical neurodevelopment in a cohort of Thai children with HIV. NeuroImage: Clinical, 2019, 23, 101810.	2.7	11
28	Systemic Mitochondrial Oxidative Phosphorylation Protein Levels Correlate with Neuroimaging Measures in Chronically HIV-Infected Individuals. AIDS Research and Human Retroviruses, 2020, 36, 83-91.	1.1	8
29	Flow-based network measures of brain connectivity in Alzheimer's disease. , 2013, 2013, 258-261.		5
30	Evaluating NODDI-based biomarkers of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e042297.	0.8	3
31	Associations of alcohol use, HIV infection, and age with brain white matter microstructure. Journal of NeuroVirology, 2021, 27, 936-950.	2.1	3
32	Neuroimaging Advances in Diagnosis and Differentiation of HIV, Comorbidities, and Aging in the cART Era. Current Topics in Behavioral Neurosciences, 2021, 50, 105-143.	1.7	2
33	Diffusion tensor distribution function metrics boost power to detect deficits in Alzheimer's disease. , 2016, , .		1
34	Hippocampal subfield microstructure abnormalities mediate associations between tau burden and memory performance. Alzheimer's and Dementia, 2020, 16, e039622.	0.8	1
35	Diffusion MRI metrics of brain microstructure in Alzheimer's disease: Boosting disease sensitivity with multi-shell imaging and advanced pre-processing. Alzheimer's and Dementia, 2020, 16, e046654.	0.8	1
36	Cortical microstructural associations with CSF amyloid and tau. Alzheimer's and Dementia, 2021, 17, .	0.8	1

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37	Advanced diffusion-weighted MRI methods demonstrate improved sensitivity to white matter aging: Percentile charts for over 15,000 UK Biobank participants. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
38	Effect of APOE4 and APOE2 genotype on white matter microstructure. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
39	Effects of ApoE4 and ApoE2 genotypes on subcortical magnetic susceptibility and microstructure in 27,535 participants from the UK Biobank. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 121-132.	0.7	0
40	Age effects on white matter microstructure in individuals of self-identified Indian ancestry from the UK Biobank. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0