

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	ENIGMAâ€DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in crossâ€diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	3.6	52
2	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
3	Neuroimaging Advances in Diagnosis and Differentiation of HIV, Comorbidities, and Aging in the cART Era. <i>Current Topics in Behavioral Neurosciences</i> , 2021, 50, 105-143.	1.7	2
4	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
5	Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. <i>JAMA Network Open</i> , 2021, 4, e2031190.	5.9	16
6	Associations of alcohol use, HIV infection, and age with brain white matter microstructure. <i>Journal of NeuroVirology</i> , 2021, 27, 936-950.	2.1	3
7	Cortical microstructural associations with CSF amyloid and tau. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
8	Advanced diffusionâ€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
9	Effect of APOE4 and APOE2 genotype on white matter microstructure. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
10	Age effects on white matter microstructure in individuals of selfâ€identified Indian ancestry from the UK Biobank. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
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	Systemic Mitochondrial Oxidative Phosphorylation Protein Levels Correlate with Neuroimaging Measures in Chronically HIV-Infected Individuals. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 83-91.	1.1	8
13	Hippocampal subfield microstructure abnormalities mediate associations between tau burden and memory performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e039622.	0.8	1
14	Evaluating NODDIâ€based biomarkers of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042297.	0.8	3
15	Diffusion MRI metrics of brain microstructure in Alzheimerâ€™s disease: Boosting disease sensitivity with multiâ€shell imaging and advanced preâ€processing. <i>Alzheimer's and Dementia</i> , 2020, 16, e046654.	0.8	1
16	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
17	The joint effect of aging and HIV infection on microstructure of white matter bundles. <i>Human Brain Mapping</i> , 2019, 40, 4370-4380.	3.6	20
18	Mapping abnormal subcortical neurodevelopment in a cohort of Thai children with HIV. <i>NeuroImage: Clinical</i> , 2019, 23, 101810.	2.7	11

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19	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
20	Progressive brain atrophy in chronically infected and treated HIV+ individuals. <i>Journal of NeuroVirology</i> , 2019, 25, 342-353.	2.1	26
21	Structural Neuroimaging and Neuropsychologic Signatures in Children With Vertically Acquired HIV. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 662-668.	2.0	13
22	The Impact of Alcohol Use on Frontal White Matter in HIV. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1640-1649.	2.4	13
23	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
24	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
25	Diffusion tensor distribution function metrics boost power to detect deficits in Alzheimer's disease. , 2016, , .		1
26	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
27	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
28	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
29	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
30	Feature selection improves the accuracy of classifying Alzheimer disease using diffusion tensor images. , 2015, 2015, 126-130.		25
31	Brain connectivity and novel network measures for Alzheimer's disease classification. <i>Neurobiology of Aging</i> , 2015, 36, S121-S131.	3.1	83
32	Connectivity network measures predict volumetric atrophy in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2015, 36, S113-S120.	3.1	31
33	Mapping white matter integrity in elderly people with HIV. <i>Human Brain Mapping</i> , 2014, 35, 975-992.	3.6	71
34	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014, 102, 548-557.	4.2	35
35	Algebraic Connectivity of Brain Networks Shows Patterns of Segregation Leading to Reduced Network Robustness in Alzheimer's Disease. <i>Mathematics and Visualization</i> , 2014, 2014, 55-64.	0.6	18
36	Alzheimer's disease disrupts rich club organization in brain connectivity networks. , 2013, , 266-269.		40

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37	Tractography density and network measures in Alzheimer'S disease. , 2013, 2013, 692-695.		32
38	Flow-based network measures of brain connectivity in Alzheimer'S disease. , 2013, 2013, 258-261.		5
39	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. NeuroImage: Clinical, 2013, 3, 180-195.	2.7	277
40	Small world network measures predict white matter degeneration in patients with early-stage mild cognitive impairment. , 2012, , 1405-1408.		18