

Hanna Cho

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127
papers

2,739
citations

31
h-index

50
g-index

170
ext. papers

3,609
ext. citations

5.7
avg, IF

4.81
L-index

#	Paper	IF	Citations
127	In vivo cortical spreading pattern of tau and amyloid in the Alzheimer disease spectrum. <i>Annals of Neurology</i> , 2016 , 80, 247-58	9.4	266
126	Tau PET in Alzheimer disease and mild cognitive impairment. <i>Neurology</i> , 2016 , 87, 375-83	6.5	175
125	Discriminative Accuracy of [18F]flortaucipir Positron Emission Tomography for Alzheimer Disease vs Other Neurodegenerative Disorders. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1151-1162	27.4	173
124	Pathogenesis of cerebral microbleeds: In vivo imaging of amyloid and subcortical ischemic small vessel disease in 226 individuals with cognitive impairment. <i>Annals of Neurology</i> , 2013 , 73, 584-93	9.4	115
123	Anatomical heterogeneity of Alzheimer disease: based on cortical thickness on MRIs. <i>Neurology</i> , 2014 , 83, 1936-44	6.5	106
122	Subcortical F-AV-1451 binding patterns in progressive supranuclear palsy. <i>Movement Disorders</i> , 2017 , 32, 134-140	7	87
121	Synergistic effects of ischemia and amyloid burden on cognitive decline in patients with subcortical vascular mild cognitive impairment. <i>JAMA Psychiatry</i> , 2014 , 71, 412-22	14.5	69
120	A new classification system for ischemia using a combination of deep and periventricular white matter hyperintensities. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 636-42	2.8	61
119	Assessment of Extent and Role of Tau in Subcortical Vascular Cognitive Impairment Using 18F-AV1451 Positron Emission Tomography Imaging. <i>JAMA Neurology</i> , 2018 , 75, 999-1007	17.2	60
118	Changes in subcortical structures in early- versus late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 1740-7	5.6	59
117	Clinical effect of white matter network disruption related to amyloid and small vessel disease. <i>Neurology</i> , 2015 , 85, 63-70	6.5	58
116	Mapping the Degradable Kinome Provides a Resource for Expedited Degradation Development. <i>Cell</i> , 2020 , 183, 1714-1731.e10	56.2	58
115	Effects of cerebrovascular disease and amyloid beta burden on cognition in subjects with subcortical vascular cognitive impairment. <i>Neurobiology of Aging</i> , 2014 , 35, 254-60	5.6	54
114	Structural brain changes after traditional and robot-assisted multi-domain cognitive training in community-dwelling healthy elderly. <i>PLoS ONE</i> , 2015 , 10, e0123251	3.7	52
113	Off-Target F-AV-1451 Binding in the Basal Ganglia Correlates with Age-Related Iron Accumulation. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 117-120	8.9	52
112	Amyloid burden, cerebrovascular disease, brain atrophy, and cognition in cognitively impaired patients. <i>Alzheimers and Dementia</i> , 2015 , 11, 494-503.e3	1.2	49
111	Shape changes of the basal ganglia and thalamus in Alzheimer's disease: a three-year longitudinal study. <i>Journal of Alzheimers Disease</i> , 2014 , 40, 285-95	4.3	49

110	F-AV-1451 binds to motor-related subcortical gray and white matter in corticobasal syndrome. <i>Neurology</i> , 2017 , 89, 1170-1178	6.5	48
109	Progressive Tau Accumulation in Alzheimer Disease: 2-Year Follow-up Study. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 1611-1621	8.9	46
108	Longitudinal changes of cortical thickness in early- versus late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 1921.e9-1921.e15	5.6	44
107	Amyloid deposition in early onset versus late onset Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 35, 813-21	4.3	44
106	Excessive tau accumulation in the parieto-occipital cortex characterizes early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 53, 103-111	5.6	42
105	Gray and white matter changes linking cerebral small vessel disease to gait disturbances. <i>Neurology</i> , 2016 , 86, 1199-207	6.5	42
104	Distinct patterns of amyloid-dependent tau accumulation in Lewy body diseases. <i>Movement Disorders</i> , 2018 , 33, 262-272	7	41
103	Effects of education on the progression of early- versus late-stage mild cognitive impairment. <i>International Psychogeriatrics</i> , 2013 , 25, 597-606	3.4	38
102	Head to head comparison of [F] AV-1451 and [F] THK5351 for tau imaging in Alzheimer's disease and frontotemporal dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 432-442	8.8	38
101	Assessment of Demographic, Genetic, and Imaging Variables Associated With Brain Resilience and Cognitive Resilience to Pathological Tau in Patients With Alzheimer Disease. <i>JAMA Neurology</i> , 2020 , 77, 632-642	17.2	36
100	Effects of education on aging-related cortical thinning among cognitively normal individuals. <i>Neurology</i> , 2015 , 85, 806-12	6.5	36
99	Cognitive deficits of pure subcortical vascular dementia vs. Alzheimer disease: PiB-PET-based study. <i>Neurology</i> , 2013 , 80, 569-73	6.5	34
98	Variability in metabolic parameters and risk of dementia: a nationwide population-based study. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 110	9	33
97	Distinct tau PET patterns in atrophy-defined subtypes of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, 335-344	1.2	31
96	Cortical thinning in subcortical vascular dementia with negative 11C-PiB PET. <i>Journal of Alzheimer's Disease</i> , 2012 , 31, 315-23	4.3	30
95	Effects of amyloid and vascular markers on cognitive decline in subcortical vascular dementia. <i>Neurology</i> , 2015 , 85, 1687-93	6.5	29
94	Hippocampal volume and shape in pure subcortical vascular dementia. <i>Neurobiology of Aging</i> , 2015 , 36, 485-91	5.6	29
93	Accuracy of Tau Positron Emission Tomography as a Prognostic Marker in Preclinical and Prodromal Alzheimer Disease: A Head-to-Head Comparison Against Amyloid Positron Emission Tomography and Magnetic Resonance Imaging. <i>JAMA Neurology</i> , 2021 , 78, 961-971	17.2	29

92	Hippocampal and cortical atrophy in amyloid-negative mild cognitive impairments: comparison with amyloid-positive mild cognitive impairment. <i>Neurobiology of Aging</i> , 2014 , 35, 291-300	5.6	26
91	White matter hyperintensities are associated with amyloid burden in APOE4 non-carriers. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 877-86	4.3	26
90	Effects of amyloid and small vessel disease on white matter network disruption. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 963-75	4.3	25
89	Predicted sequence of cortical tau and amyloid- β deposition in Alzheimer disease spectrum. <i>Neurobiology of Aging</i> , 2018 , 68, 76-84	5.6	24
88	Seoul criteria for PiB(-) subcortical vascular dementia based on clinical and MRI variables. <i>Neurology</i> , 2014 , 82, 1529-35	6.5	23
87	Machine Learning-based Individual Assessment of Cortical Atrophy Pattern in Alzheimer's Disease Spectrum: Development of the Classifier and Longitudinal Evaluation. <i>Scientific Reports</i> , 2018 , 8, 4161	4.9	22
86	Risk of Incident Dementia According to Metabolic Health and Obesity Status in Late Life: A Population-Based Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2942-2952	5.6	21
85	F-AV-1451 binds to putamen in multiple system atrophy. <i>Movement Disorders</i> , 2017 , 32, 171-173	7	18
84	Feasibility of Computed Tomography-Guided Methods for Spatial Normalization of Dopamine Transporter Positron Emission Tomography Image. <i>PLoS ONE</i> , 2015 , 10, e0132585	3.7	17
83	Incidence and Risk Factors for Dementia in Type 2 Diabetes Mellitus: A Nationwide Population-Based Study in Korea. <i>Diabetes and Metabolism Journal</i> , 2020 , 44, 113-124	5	16
82	Effect of APOE ϵ genotype on amyloid- β and tau accumulation in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 140	9	15
81	Postmorbid learning of saxophone playing in a patient with frontotemporal dementia. <i>Neurocase</i> , 2015 , 21, 767-72	0.8	14
80	Association between body mass index and cortical thickness: among elderly cognitively normal men and women. <i>International Psychogeriatrics</i> , 2015 , 27, 121-30	3.4	14
79	Temporal trajectories of in vivo tau and amyloid- β accumulation in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 2879-2886	8.8	14
78	Higher education affects accelerated cortical thinning in Alzheimer's disease: a 5-year preliminary longitudinal study. <i>International Psychogeriatrics</i> , 2015 , 27, 111-20	3.4	14
77	¹⁸ F-AV-1451 PET Imaging in Three Patients with Probable Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 711-716	4.3	12
76	Predominant subcortical accumulation of F-flortaucipir binding in behavioral variant frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018 , 66, 112-121	5.6	12
75	Higher Physical Activity Is Associated with Increased Attentional Network Connectivity in the Healthy Elderly. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 198	5.3	12

74	Apolipoprotein e4 affects topographical changes in hippocampal and cortical atrophy in Alzheimer's disease dementia: a five-year longitudinal study. <i>Journal of Alzheimers Disease</i> , 2015 , 44, 1075-85	4.3	10
73	Decreased hemoglobin levels, cerebral small-vessel disease, and cortical atrophy: among cognitively normal elderly women and men. <i>International Psychogeriatrics</i> , 2016 , 28, 147-56	3.4	10
72	Human Radiation Dosimetry of [(18)F]AV-1451(T807) to Detect Tau Pathology. <i>Molecular Imaging and Biology</i> , 2016 , 18, 479-82	3.8	10
71	F-flortaucipir uptake patterns in clinical subtypes of primary progressive aphasia. <i>Neurobiology of Aging</i> , 2019 , 75, 187-197	5.6	10
70	The impact of education on cortical thickness in amyloid-negative subcortical vascular dementia: cognitive reserve hypothesis. <i>Alzheimers Research and Therapy</i> , 2018 , 10, 103	9	10
69	Blood viscosity in subcortical vascular mild cognitive impairment with versus without cerebral amyloid burden. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 958-66	2.8	9
68	Association of Body Fat Percentage and Waist-hip Ratio With Brain Cortical Thickness: A Study Among 1777 Cognitively Normal Subjects. <i>Alzheimer Disease and Associated Disorders</i> , 2015 , 29, 279-86	2.5	9
67	The Role of Cerebrovascular Disease in Amyloid Deposition. <i>Journal of Alzheimers Disease</i> , 2016 , 54, 1015-1026	4.3	8
66	Application of an amyloid and tau classification system in subcortical vascular cognitive impairment patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 292-303	8.8	8
65	The impact of demographic, clinical, genetic, and imaging variables on tau PET status. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2245-2258	8.8	8
64	Tau Accumulation in Primary Motor Cortex of Variant Alzheimer's Disease with Spastic Paraparesis. <i>Journal of Alzheimers Disease</i> , 2016 , 51, 671-5	4.3	7
63	Individual subject classification of mixed dementia from pure subcortical vascular dementia based on subcortical shape analysis. <i>PLoS ONE</i> , 2013 , 8, e75602	3.7	6
62	A Dextral Primary Progressive Aphasia Patient with Right Dominant Hypometabolism and Tau Accumulation and Left Dominant Amyloid Accumulation. <i>Case Reports in Neurology</i> , 2016 , 8, 78-86	1	5
61	Sex-Related Reserve Hypothesis in Alzheimer's Disease: Changes in Cortical Thickness with a Five-Year Longitudinal Follow-Up. <i>Journal of Alzheimers Disease</i> , 2018 , 65, 641-649	4.3	5
60	THK5351 and flortaucipir PET with pathological correlation in a Creutzfeldt-Jakob disease patient: a case report. <i>BMC Neurology</i> , 2019 , 19, 211	3.1	5
59	Tau Positron Emission Tomography Imaging in Degenerative Parkinsonisms. <i>Journal of Movement Disorders</i> , 2018 , 11, 1-12	2.9	5
58	Association between physical activity and conversion from mild cognitive impairment to dementia. <i>Alzheimers Research and Therapy</i> , 2020 , 12, 136	9	5
57	Modeling of Frontotemporal Dementia Using iPSC Technology. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5

56	Gamma glutamyltransferase and risk of dementia in prediabetes and diabetes. <i>Scientific Reports</i> , 2020 , 10, 6800	4.9	5
55	Increased Uptake of AV-1451 in a Subacute Infarction Lesion. <i>Yonsei Medical Journal</i> , 2018 , 59, 563-565	3	4
54	Association of Dipeptidyl Peptidase-4 Inhibitor Use and Amyloid Burden in Patients With Diabetes and AD-Related Cognitive Impairment. <i>Neurology</i> , 2021 , 97, e1110-e1122	6.5	4
53	Multimodal imaging analyses in patients with genetic and sporadic forms of small vessel disease. <i>Scientific Reports</i> , 2019 , 9, 787	4.9	3
52	PSEN1 variants in Korean patients with clinically suspicious early-onset familial Alzheimer's disease. <i>Scientific Reports</i> , 2020 , 10, 3480	4.9	3
51	Customized FreeSurfer-based brain atlas for diffeomorphic anatomical registration through exponentiated lie algebra tool. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 280-288	2.5	3
50	Glomerular hyperfiltration is associated with dementia: A nationwide population-based study. <i>PLoS ONE</i> , 2020 , 15, e0228361	3.7	3
49	Effect of A/T/N imaging biomarkers on impaired odor identification in Alzheimer's disease. <i>Scientific Reports</i> , 2020 , 10, 11556	4.9	3
48	Distribution and clinical impact of apolipoprotein E4 in subjective memory impairment and early mild cognitive impairment. <i>Scientific Reports</i> , 2020 , 10, 13365	4.9	3
47	Principal components of tau positron emission tomography and longitudinal tau accumulation in Alzheimer's disease. <i>Alzheimers Research and Therapy</i> , 2020 , 12, 114	9	3
46	Combined Model of Aggregation and Network Diffusion Recapitulates Alzheimer's Regional Tau-Positron Emission Tomography. <i>Brain Connectivity</i> , 2021 , 11, 624-638	2.7	3
45	Identification of Thieno[3,2-]pyrimidine Derivatives as Dual Inhibitors of Focal Adhesion Kinase and FMS-like Tyrosine Kinase 3. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 11934-11957	8.3	3
44	A computed tomography-based spatial normalization for the analysis of [18F] fluorodeoxyglucose positron emission tomography of the brain. <i>Korean Journal of Radiology</i> , 2014 , 15, 862-70	6.9	2
43	The Impact of Amyloid- β Tau on Cognitive Change in the Presence of Severe Cerebrovascular Disease. <i>Journal of Alzheimers Disease</i> , 2020 , 78, 573-585	4.3	2
42	MRI-Visible Perivascular Spaces in the Centrum Semiovale Are Associated with Brain Amyloid Deposition in Patients with Alzheimer Disease-Related Cognitive Impairment. <i>American Journal of Neuroradiology</i> , 2021 , 42, 1231-1238	4.4	2
41	A Compound Heterozygous Pathogenic Variant in Is Associated With Axonal Charcot-Marie-Tooth Disease. <i>Journal of Clinical Neurology (Korea)</i> , 2021 , 17, 534-540	1.7	2
40	[P4012]: HEAD-TO-HEAD COMPARISON OF [18F] AV-1451 AND [18F] THK5351 FOR TAU IMAGING IN ALZHEIMER'S DISEASE AND FRONTOTEMPORAL DEMENTIA 2017 , 13, P1347-P1348		1
39	PHI-101 Is a Potent Third-Generation FLT3 Inhibitor Developed to Overcome Resistance in Acute Myeloid Leukemia. <i>Blood</i> , 2020 , 136, 28-28	2.2	1

38	The preclinical amyloid sensitive composite to determine subtle cognitive differences in preclinical Alzheimer's disease. <i>Scientific Reports</i> , 2020 , 10, 13583	4.9	1
37	P2-232: TAU Burden and Cognition in Early-Onset Versus Late-Onset Alzheimer's Disease Spectrum 2016 , 12, P711-P712		1
36	O4-07-04: In Vivo Cortical Spreading Pattern of TAU and Amyloid Pathology in the Alzheimer's Disease Spectrum 2016 , 12, P349-P349		1
35	Blood Pressure Levels and Risks of Dementia: a Nationwide Study of 4.5 Million People. <i>Hypertension</i> , 2022 , 79, 218-229	8.5	0
34	Risks and Prognoses of Alzheimer's Disease and Vascular Dementia in Patients With Insomnia: A Nationwide Population-Based Study. <i>Frontiers in Neurology</i> , 2021 , 12, 611446	4.1	0
33	Effect of A/T/N imaging biomarkers on impaired odor identification in Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2020 , 16, e041700	1.2	
32	Effect of apolipoprotein-E 4 genotype on amyloid-β and tau accumulation in Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2020 , 16, e042284	1.2	
31	Directed graph-based longitudinal model for spatiotemporal dynamics of amyloid, tau, and neurodegeneration in the Alzheimer's disease spectrum. <i>Alzheimers and Dementia</i> , 2020 , 16, e044367	1.2	
30	Longitudinal changes in A/T/N imaging biomarkers in early-onset and late-onset Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2020 , 16, e046718	1.2	
29	P3-231: ASSOCIATION OF BODY FAT PERCENTAGE AND WAIST-HIP RATIO WITH BRAIN CORTICAL THICKNESS IN 1,777 COGNITIVELY NORMAL SUBJECTS 2014 , 10, P715-P716		
28	P4-145: BRAINSTEM MICROBLEEDS AFFECT MOTOR DEFICITS IN SUBCORTICAL VASCULAR COGNITIVE IMPAIRMENT 2014 , 10, P842-P842		
27	P2-200: MICROSTRUCTURAL CHANGES OF WHITE MATTER IN PURE ALZHEIMER'S DISEASE AND PURE SUBCORTICAL VASCULAR DISEASE 2014 , 10, P545-P545		
26	O5-01-01: EFFECTS OF AMYLOID AND CEREBROVASCULAR DISEASE ON ALTERED WHITE MATTER NETWORK IN COGNITIVELY IMPAIRED PATIENTS 2014 , 10, P286-P287		
25	P2-140: Neural network of gait disturbances in patients with subcortical vascular cognitive impairment 2015 , 11, P539-P539		
24	P2-147: The effect of education on cognition and cortical thickness in pure vascular mild cognitive impairment and dementia of the subcortical type 2015 , 11, P542-P542		
23	Parkinsonian Patients with Striatal Cribiform State Present Rapidly Progressive Axial Parkinsonism. <i>European Neurology</i> , 2017 , 78, 119-124	2.1	
22	[S20104]: IN VIVO CORTICAL SPREADING OF TAU AND AMYLOID 2017 , 13, P541-P541		
21	[P1024]: 18F-AV1451 PET IMAGING IN SUBCORTICAL VASCULAR COGNITIVE IMPAIRMENT 2017 , 13, P329-P330		

20 [P2B46]: EXCESSIVE NEOCORTICAL TAU ACCUMULATION IN DOWN SYNDROME **2017**, 13, P754-P755

19 [IC-P-179]: PRINCIPAL COMPONENT ANALYSIS OF TAU PET IN ALZHEIMER'S DISEASE AND HEALTHY ELDERLY **2017**, 13, P133-P134

18 [P1B65]: PREDOMINANT SUBCORTICAL 18F-AV-1451 BINDING IN BEHAVIORAL VARIANT FRONTOTEMPORAL DEMENTIA **2017**, 13, P399-P399

17 [P1B86]: DISTINCT TAU ACCUMULATION PATTERN IN DEMENTIA WITH LEWY BODY **2017**, 13, P414-P414

16 [P1B23]: THE DEVELOPMENT OF AN ALZHEIMER'S DISEASE RISK SCORE BASED ON THE CORTICAL THICKNESS ANALYSES **2017**, 13, P440-P441

15 [P2B42]: 18F-AV-1451 BINDS TO THE MOTOR-RELATED SUBCORTICAL GRAY AND WHITE MATTER IN CORTICOBASAL SYNDROME **2017**, 13, P753-P753

14 [O40403]: SYNERGISTIC EFFECT OF TAU, AMYLOID, AND VASCULAR BURDEN ON COGNITIVE DECLINE IN PATIENTS WITH SUBCORTICAL VASCULAR COGNITIVE IMPAIRMENTS **2017**, 13, P1235-P1236

13 P3-100: The distribution and clinical impact of apolipoprotein e4 among patients with subjective memory impairment and early mild cognitive impairment **2015**, 11, P658-P658

12 Anti-LGI1 Antibody Limbic Encephalitis Presented with Amnesic Mild Cognitive Impairment. *Journal of the Korean Neurological Association*, **2016**, 34, 71-73 0.1

11 P3-263: TAU PET in Alzheimer's Disease and Mild Cognitive Impairment **2016**, 12, P933-P933

10 IC-P-200: [18F] T807 PET Imaging in Subcortical Vascular Cognitive Impairment **2016**, 12, P144-P144

9 IC-P-202: TAU Distribution in Probable CAA **2016**, 12, P145-P145

8 IC-P-164: MEDIAL TEMPORAL TAU CAN BE A PREDICTOR OF AMYLOID-POSITIVITY IN MILD COGNITIVE IMPAIRMENT **2019**, 15, P130-P130

7 IC-P-163: TEMPORAL TRAJECTORIES OF IN VIVO TAU AND AMYLOID-ACCUMULATION IN ALZHEIMER'S DISEASE **2019**, 15, P130-P130

6 P1-382: COMPARISON OF AD PATHOLOGIES IN HYPERTENSIVE SUBCORTICAL VASCULAR COGNITIVE IMPAIRMENT AND CEREBRAL AMYLOID ANGIOPATHY **2018**, 14, P445-P446

5 IC-P-078: CLINICAL SIGNIFICANCE OF A/T/N SYSTEM IN SUBCORTICAL VASCULAR COGNITIVE IMPAIRMENT PATIENTS **2018**, 14, P69-P69

4 IC-P-050: AMYLOID DEPOSITION IN THE SUBCORTICAL REGION PREDICTS COGNITIVE DECLINE **2018**, 14, P49-P49

3 P1-383: 18F-FLORTAUCIPIR BINDING PATTERNS IN CLINICAL SUBTYPES OF PRIMARY PROGRESSIVE APHASIA **2018**, 14, P446-P446

2 P2-582: HORMONE REPLACEMENT THERAPY AND RISK OF DEMENTIA IN POSTMENOPAUSAL WOMEN: A NATIONWIDE COHORT STUDY **2018**, 14, P958-P959

1 Clinical Characteristic in Primary Progressive Aphasia in Relation to Alzheimer's Disease Biomarkers. *Journal of Alzheimers Disease*, **2021**, 84, 633-645

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