

# Maya Koronyo-Hamaoui

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,847

citations

24

h-index

53

g-index

83

ext. papers

3,644

ext. citations

5.7

avg, IF

4.99

L-index

#	Paper	IF	Citations
63	Identification of amyloid plaques in retinas from Alzheimer's patients and noninvasive in vivo optical imaging of retinal plaques in a mouse model. <i>NeuroImage</i> , <b>2011</b> , 54 Suppl 1, S204-17	7.9	405
62	Glatiramer acetate fights against Alzheimer's disease by inducing dendritic-like microglia expressing insulin-like growth factor 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 11784-9	11.5	305
61	Retinal amyloid pathology and proof-of-concept imaging trial in Alzheimer's disease. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	231
60	Melanopsin retinal ganglion cell loss in Alzheimer disease. <i>Annals of Neurology</i> , <b>2016</b> , 79, 90-109	9.4	215
59	Alzheimer's disease in the retina: imaging retinal amyloid plaques for early diagnosis and therapy assessment. <i>Neurodegenerative Diseases</i> , <b>2012</b> , 10, 285-93	2.3	148
58	Ocular indicators of Alzheimer's: exploring disease in the retina. <i>Acta Neuropathologica</i> , <b>2016</b> , 132, 767-787	7.3	133
57	Clearance of cerebral A $\beta$ in Alzheimer's disease: reassessing the role of microglia and monocytes. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 2167-2201	10.3	130
56	Selective ablation of bone marrow-derived dendritic cells increases amyloid plaques in a mouse Alzheimer's disease model. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 413-6	3.5	124
55	Therapeutic effects of glatiramer acetate and grafted CD115+ monocytes in a mouse model of Alzheimer's disease. <i>Brain</i> , <b>2015</b> , 138, 2399-422	11.2	87
54	Plasma amyloid $\beta$ 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 764-775	1.2	86
53	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, S47-S105	4.3	84
52	Attenuation of AD-like neuropathology by harnessing peripheral immune cells: local elevation of IL-10 and MMP-9. <i>Journal of Neurochemistry</i> , <b>2009</b> , 111, 1409-24	6	80
51	Optical Coherence Tomography in Alzheimer's Disease and Other Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 701	4.1	71
50	Angiotensin-converting enzyme overexpression in myelomonocytes prevents Alzheimer's-like cognitive decline. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 1000-12	15.9	63
49	Abnormal changes in NKT cells, the IGF-1 axis, and liver pathology in an animal model of ALS. <i>PLoS ONE</i> , <b>2011</b> , 6, e22374	3.7	58
48	A novel role for osteopontin in macrophage-mediated amyloid- $\beta$ clearance in Alzheimer's models. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 67, 163-180	16.6	50
47	Identification of early pericyte loss and vascular amyloidosis in Alzheimer's disease retina. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 813-836	14.3	49

46	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1204-1215	1.2	40
45	Differential default mode network trajectories in asymptomatic individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 940-950	1.2	31
44	Association of cerebrospinal fluid $\beta$ -synuclein with total and phospho-tau protein concentrations and brain amyloid load in cognitively normal subjective memory complainers stratified by Alzheimer's disease biomarkers. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1623-1631	1.2	30
43	Egr1 expression is induced following glatiramer acetate immunotherapy in rodent models of glaucoma and Alzheimer's disease <b>2011</b> , 52, 9033-46		28
42	Thymic involution, a co-morbidity factor in amyotrophic lateral sclerosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 2470-82	5.6	26
41	Peripherally derived angiotensin converting enzyme-enhanced macrophages alleviate Alzheimer-related disease. <i>Brain</i> , <b>2020</b> , 143, 336-358	11.2	25
40	Alzheimer's Retinopathy: Seeing Disease in the Eyes. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 921	5.1	24
39	Retinal imaging in Alzheimer's and neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 103-111	1.2	23
38	Clearance of interstitial fluid (ISF) and CSF (CLIC) group-part of Vascular Professional Interest Area (PIA): Cerebrovascular disease and the failure of elimination of Amyloid- $\beta$ from the brain and retina with age and Alzheimer's disease-Opportunities for Therapy. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12053	5.2	22
37	The path to biomarker-based diagnostic criteria for the spectrum of neurodegenerative diseases. <i>Expert Review of Molecular Diagnostics</i> , <b>2020</b> , 20, 421-441	3.8	19
36	T-Lymphocyte Deficiency Exacerbates Behavioral Deficits in the 6-OHDA Unilateral Lesion Rat Model for Parkinson's Disease. <i>Journal of Neurology &amp; Neurophysiology</i> , <b>2014</b> , 5,	0.5	19
35	Activated Bone Marrow-Derived Macrophages Eradicate Alzheimer's-Related A $\beta$ Oligomers and Protect Synapses. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 49	8.4	17
34	Dual contribution of NR2B subunit of NMDA receptor and SK3 Ca(2+)-activated K <sup>+</sup> channel to genetic predisposition to anorexia nervosa. <i>Journal of Psychiatric Research</i> , <b>2007</b> , 41, 160-7	5.2	17
33	O3-13-01: RETINAL AMYLOID FLUORESCENCE IMAGING PREDICTS CEREBRAL AMYLOID BURDEN AND ALZHEIMER'S DISEASE <b>2014</b> , 10, P234-P235		16
32	CAG repeat polymorphism within the KCNN3 gene is a significant contributor to susceptibility to anorexia nervosa: a case-control study of female patients and several ethnic groups in the Israeli Jewish population. <i>American Journal of Medical Genetics Part A</i> , <b>2004</b> , 131B, 76-80		16
31	Parallels between retinal and brain pathology and response to immunotherapy in old, late-stage Alzheimer's disease mouse models. <i>Aging Cell</i> , <b>2020</b> , 19, e13246	9.9	16
30	Angiotensin-converting enzyme overexpression in myelocytes enhances the immune response. <i>Biological Chemistry</i> , <b>2014</b> , 395, 1173-8	4.5	15
29	Sectoral segmentation of retinal amyloid imaging in subjects with cognitive decline. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12109	5.2	15

28	Acute neuropathological consequences of short-term mechanical ventilation in wild-type and Alzheimer's disease mice. <i>Critical Care</i> , <b>2019</b> , 23, 63	10.8	13
27	Plasma tau correlates with basal forebrain atrophy rates in people at risk for Alzheimer disease. <i>Neurology</i> , <b>2020</b> , 94, e30-e41	6.5	13
26	Retinal capillary degeneration and blood-retinal barrier disruption in murine models of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 202	7.3	12
25	Future avenues for Alzheimer's disease detection and therapy: liquid biopsy, intracellular signaling modulation, systems pharmacology drug discovery. <i>Neuropharmacology</i> , <b>2021</b> , 185, 108081	5.5	12
24	Brain A $\beta$ load association and sexual dimorphism of plasma BACE1 concentrations in cognitively normal individuals at risk for AD. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 1274-1285	1.2	9
23	ACE overexpression in myelomonocytic cells: effect on a mouse model of Alzheimer's disease. <i>Current Hypertension Reports</i> , <b>2014</b> , 16, 444	4.7	9
22	Retinal vessel changes in cerebrovascular disease. <i>Current Opinion in Neurology</i> , <b>2020</b> , 33, 87-92	7.1	8
21	Effects of IL-34 on Macrophage Immunological Profile in Response to Alzheimer's-Related A $\beta$ Assemblies. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1449	8.4	7
20	Color and contrast vision in mouse models of aging and Alzheimer's disease using a novel visual-stimuli four-arm maze. <i>Scientific Reports</i> , <b>2021</b> , 11, 1255	4.9	6
19	Overexpression of ACE in Myeloid Cells Increases Immune Effectiveness and Leads to a New Way of Considering Inflammation in Acute and Chronic Diseases. <i>Current Hypertension Reports</i> , <b>2020</b> , 22, 4	4.7	5
18	Association study of CAG repeats in the KCNN3 gene in Israeli patients with major psychosis. <i>Psychiatric Genetics</i> , <b>2003</b> , 13, 143-50	2.9	5
17	Retinal Vasculopathy in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 731614	5.1	5
16	Detection of retinal and blood A $\beta$ oligomers with nanobodies. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2021</b> , 13, e12193	5.2	5
15	Association of plasma YKL-40 with brain amyloid- $\beta$ levels, memory performance, and sex in subjective memory complainers. <i>Neurobiology of Aging</i> , <b>2020</b> , 96, 22-32	5.6	4
14	Functional recreation of age-related CD8 T cells in young mice identifies drivers of aging- and human-specific tissue pathology. <i>Mechanisms of Ageing and Development</i> , <b>2020</b> , 191, 111351	5.6	3
13	Retinal Venular Tortuosity Jointly with Retinal Amyloid Burden Correlates with Verbal Memory Loss: A Pilot Study. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
12	BACE1 biological markers for Alzheimer's disease: state-of-art of validation and qualification. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 130	9	2
11	P3-107: RETINAL IMAGING OF AB DEPOSITS IN AD PATIENTS: FROM HISTOLOGICAL EXAMINATION TO CLINICAL TRIALS <b>2014</b> , 10, P667-P667		1

10	Advances in Imaging: Brain Tumors to Alzheimer's Disease <b>2015</b> , 10, 83-97	1
9	Advances in Retinal Imaging: Retinal Amyloid Imaging <b>2020</b> , 83-122	1
8	O4-11-04: Immunomodulatory Factor Induced by Ga Mediates Macrophage Clearance of Pathogenic Ab forms and Enhances Synaptic Preservation <b>2016</b> , 12, P361-P361	1
7	Visual-stimuli Four-arm Maze test to Assess Cognition and Vision in Mice.. <i>Bio-protocol</i> , <b>2021</b> , 11, e4234	0.9 0
6	Age-related resident memory CD8 T cells link amyloid to NFTs and neurodegeneration in mice and are modulated in AD and MCI blood. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e040612	1.2
5	P3-417: TARGETING ACEAN ENZYME THAT CONTROLS BLOOD PRESSURE IN MYELOMONOCYTES PREVENTS ALZHEIMER'S-LIKE PATHOLOGY AND COGNITIVE DECLINE <b>2014</b> , 10, P783-P783	
4	Targeted angiotensin converting enzyme over-expression in myelomonocytes prevents cognitive decline in Alzheimer's-like disease (153.3). <i>FASEB Journal</i> , <b>2014</b> , 28, 153.3	0.9
3	Proteomics profiling reveals Spp1 deficiency to downregulate UCHL1 in macrophages and to associate with lysosome-mitochondria mediated apoptotic pathways.. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17 Suppl 3, e055297	1.2
2	Retina mirrors brain pathology and response to GA immunotherapy in advanced stage AD-model mice.. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17 Suppl 3, e055329	1.2
1	Retinal vascular abnormalities and blood-retinal barrier breakdown in Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17 Suppl 3, e056603	1.2