

# Tsuneya Ikezu

## List of Publications by Citations

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134  
papers

13,352  
citations

45  
h-index

115  
g-index

153  
ext. papers

17,070  
ext. citations

7  
avg, IF

6.05  
L-index

#	Paper	IF	Citations
134	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
133	The spectrum of disease in chronic traumatic encephalopathy. <i>Brain</i> , <b>2013</b> , 136, 43-64	11.2	1313
132	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. <i>Immunity</i> , <b>2017</b> , 47, 566-581.e9	32.3	988
131	Depletion of microglia and inhibition of exosome synthesis halt tau propagation. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1584-93	25.5	782
130	Identification of peptide and protein ligands for the caveolin-scaffolding domain. Implications for the interaction of caveolin with caveolae-associated proteins. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 6525-33	5.4	688
129	Chronic traumatic encephalopathy in blast-exposed military veterans and a blast neurotrauma mouse model. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 134ra60	17.5	559
128	Caveolin-mediated regulation of signaling along the p42/44 MAP kinase cascade in vivo. A role for the caveolin-scaffolding domain. <i>FEBS Letters</i> , <b>1998</b> , 428, 205-11	3.8	321
127	Interferon-gamma and tumor necrosis factor-alpha regulate amyloid-beta plaque deposition and beta-secretase expression in Swedish mutant APP transgenic mice. <i>American Journal of Pathology</i> , <b>2007</b> , 170, 680-92	5.8	283
126	The classification of microglial activation phenotypes on neurodegeneration and regeneration in Alzheimer's disease brain. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2012</b> , 60, 251-66	4	257
125	Phosphorylation of claudin-5 and occludin by rho kinase in brain endothelial cells. <i>American Journal of Pathology</i> , <b>2008</b> , 172, 521-33	5.8	177
124	Rho-mediated regulation of tight junctions during monocyte migration across the blood-brain barrier in HIV-1 encephalitis (HIVE). <i>Blood</i> , <b>2006</b> , 107, 4770-80	2.2	171
123	Expression of caveolin-1 is required for the transport of caveolin-2 to the plasma membrane. Retention of caveolin-2 at the level of the golgi complex. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 25718-25	5.4	167
122	Affinity-purification and characterization of caveolins from the brain: differential expression of caveolin-1, -2, and -3 in brain endothelial and astroglial cell types. <i>Brain Research</i> , <b>1998</b> , 804, 177-92	3.7	161
121	CNS expression of anti-inflammatory cytokine interleukin-4 attenuates Alzheimer's disease-like pathogenesis in APP+PS1 bigenic mice. <i>FASEB Journal</i> , <b>2010</b> , 24, 3093-102	0.9	154
120	Contrasting pathology of the stress granule proteins TIA-1 and G3BP in tauopathies. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 8270-83	6.6	149
119	AAV serotype 2/1-mediated gene delivery of anti-inflammatory interleukin-10 enhances neurogenesis and cognitive function in APP+PS1 mice. <i>Gene Therapy</i> , <b>2012</b> , 19, 724-33	4	141
118	Fibroblast growth factor-2 signaling in neurogenesis and neurodegeneration. <i>Journal of NeuroImmune Pharmacology</i> , <b>2014</b> , 9, 92-101	6.9	135

117	Caveolae, plasma membrane microdomains for alpha-secretase-mediated processing of the amyloid precursor protein. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 10485-95	5.4	125
116	Reducing the RNA binding protein TIA1 protects against tau-mediated neurodegeneration in vivo. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 72-80	25.5	118
115	Overexpression of monocyte chemotactic protein-1/CCL2 in beta-amyloid precursor protein transgenic mice show accelerated diffuse beta-amyloid deposition. <i>American Journal of Pathology</i> , <b>2005</b> , 166, 1475-85	5.8	112
114	Integrated expression profiles of mRNA and miRNA in polarized primary murine microglia. <i>PLoS ONE</i> , <b>2013</b> , 8, e79416	3.7	111
113	Preliminary Study of Plasma Exosomal Tau as a Potential Biomarker for Chronic Traumatic Encephalopathy. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 1099-109	4.3	105
112	Tau-tubulin kinase 1 (TTBK1), a neuron-specific tau kinase candidate, is involved in tau phosphorylation and aggregation. <i>Journal of Neurochemistry</i> , <b>2006</b> , 98, 1573-84	6	97
111	FGF2 gene transfer restores hippocampal functions in mouse models of Alzheimer's disease and has therapeutic implications for neurocognitive disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1339-48	11.5	86
110	The comorbidity of HIV-associated neurocognitive disorders and Alzheimer's disease: a foreseeable medical challenge in post-HAART era. <i>Journal of NeuroImmune Pharmacology</i> , <b>2009</b> , 4, 200-12	6.9	85
109	Pyroglutamate-3 amyloid- $\beta$ deposition in the brains of humans, non-human primates, canines, and Alzheimer disease-like transgenic mouse models. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 369-81	5.8	84
108	Alzheimer's Disease: The Role of Microglia in Brain Homeostasis and Proteopathy. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 680	5.1	80
107	CCL2 accelerates microglia-mediated Abeta oligomer formation and progression of neurocognitive dysfunction. <i>PLoS ONE</i> , <b>2009</b> , 4, e6197	3.7	78
106	G protein betagamma complex-mediated apoptosis by familial Alzheimer's disease mutant of APP. <i>EMBO Journal</i> , <b>1997</b> , 16, 4897-907	13	78
105	Analysis of thermal injury-induced insulin resistance in rodents. Implication of postreceptor mechanisms. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 25289-95	5.4	76
104	Neuroimmune Crosstalk through Extracellular Vesicles in Health and Disease. <i>Trends in Neurosciences</i> , <b>2019</b> , 42, 361-372	13.3	72
103	Cytokine-mediated inhibition of fibrillar amyloid-beta peptide degradation by human mononuclear phagocytes. <i>Journal of Immunology</i> , <b>2008</b> , 181, 3877-86	5.3	72
102	Caveolin-3 upregulation activates beta-secretase-mediated cleavage of the amyloid precursor protein in Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 6538-48	6.6	71
101	miR-155 Is Essential for Inflammation-Induced Hippocampal Neurogenic Dysfunction. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 9764-81	6.6	69
100	Spatial learning impairment, enhanced CDK5/p35 activity, and downregulation of NMDA receptor expression in transgenic mice expressing tau-tubulin kinase 1. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 14511-21	6.6	69

99	Impairment of PARK14-dependent Ca(2+) signalling is a novel determinant of Parkinson's disease. <i>Nature Communications</i> , <b>2016</b> , 7, 10332	17.4	62
98	Amino acids 356-372 constitute a Gi-activator sequence of the alpha 2-adrenergic receptor and have a Phe substitute in the G protein-activator sequence motif. <i>FEBS Letters</i> , <b>1992</b> , 311, 29-32	3.8	60
97	In vivo coupling of insulin-like growth factor II/mannose 6-phosphate receptor to heteromeric G proteins. Distinct roles of cytoplasmic domains and signal sequestration by the receptor. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 29224-8	5.4	58
96	Polyfluorinated bis-styrylbenzene beta-amyloid plaque binding ligands. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4986-92	8.3	57
95	Emerging roles of extracellular vesicles in neurodegenerative disorders. <i>Neurobiology of Disease</i> , <b>2019</b> , 130, 104512	7.5	52
94	AAV1/2-mediated CNS gene delivery of dominant-negative CCL2 mutant suppresses gliosis, beta-amyloidosis, and learning impairment of APP/PS1 mice. <i>Molecular Therapy</i> , <b>2009</b> , 17, 803-9	11.7	52
93	Opposing effects of progranulin deficiency on amyloid and tau pathologies via microglial TYROBP network. <i>Acta Neuropathologica</i> , <b>2017</b> , 133, 785-807	14.3	50
92	Activated human astrocyte-derived extracellular vesicles modulate neuronal uptake, differentiation and firing. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1706801	16.4	49
91	PLXNA4 is associated with Alzheimer disease and modulates tau phosphorylation. <i>Annals of Neurology</i> , <b>2014</b> , 76, 379-92	9.4	48
90	Extracellular Vesicle Biology in Alzheimer's Disease and Related Tauopathy. <i>Journal of NeuroImmune Pharmacology</i> , <b>2018</b> , 13, 292-308	6.9	45
89	The anti-inflammatory glycoprotein, CD200, restores neurogenesis and enhances amyloid phagocytosis in a mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2995-3007	5.6	44
88	Proteomic and biological profiling of extracellular vesicles from Alzheimer's disease human brain tissues. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 896-907	1.2	44
87	Real-time imaging and quantification of amyloid-beta peptide aggregates by novel quantum-dot nanopores. <i>PLoS ONE</i> , <b>2009</b> , 4, e8492	3.7	43
86	GluN2D N-Methyl-d-Aspartate Receptor Subunit Contribution to the Stimulation of Brain Activity and Gamma Oscillations by Ketamine: Implications for Schizophrenia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 702-11	4.7	42
85	Measurement of GTP gamma S binding to specific G proteins in membranes using G-protein antibodies. <i>FEBS Letters</i> , <b>1992</b> , 305, 125-8	3.8	41
84	Tau-tubulin kinase. <i>Frontiers in Molecular Neuroscience</i> , <b>2014</b> , 7, 33	6.1	40
83	TIA1 regulates the generation and response to toxic tau oligomers. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 259-277	14.3	39
82	C1q-calreticulin induced oxidative neurotoxicity: relevance for the neuropathogenesis of Alzheimer's disease. <i>Journal of Neuroimmunology</i> , <b>2003</b> , 135, 62-71	3.5	37

81	Transcriptional and Epigenetic Regulation of Microglia in Health and Disease. <i>Trends in Molecular Medicine</i> , <b>2019</b> , 25, 96-111	11.5	36
80	Amyloid precursor protein-processing products affect mononuclear phagocyte activation: pathways for sAPP- and Abeta-mediated neurotoxicity. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 925-34	6	35
79	Copolymer-1 induces adaptive immune anti-inflammatory glial and neuroprotective responses in a murine model of HIV-1 encephalitis. <i>Journal of Immunology</i> , <b>2007</b> , 179, 4345-56	5.3	34
78	TRAIL-mediated apoptosis in HIV-1-infected macrophages is dependent on the inhibition of Akt-1 phosphorylation. <i>Journal of Immunology</i> , <b>2006</b> , 177, 2304-13	5.3	33
77	Alzheimer's disease brain-derived extracellular vesicles spread tau pathology in interneurons. <i>Brain</i> , <b>2021</b> , 144, 288-309	11.2	33
76	Pharmacological doses of melatonin impede cognitive decline in tau-related Alzheimer models, once tauopathy is initiated, by restoring the autophagic flux. <i>Journal of Pineal Research</i> , <b>2019</b> , 67, e12578	10.4	32
75	Phenolic bis-styrylbenzenes as amyloid binding ligands and free radical scavengers. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 7992-9	8.3	31
74	Molecular characterization of a putative antiretroviral transcriptional factor, OTK18. <i>Journal of Immunology</i> , <b>2004</b> , 172, 381-91	5.3	31
73	Accelerated neurodegeneration and neuroinflammation in transgenic mice expressing P301L tau mutant and tau-tubulin kinase 1. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 808-18	5.8	30
72	Tau-tubulin kinase 1 enhances prefibrillar tau aggregation and motor neuron degeneration in P301L FTDP-17 tau-mutant mice. <i>FASEB Journal</i> , <b>2010</b> , 24, 2904-15	0.9	27
71	Proteomic Profiling of Extracellular Vesicles Isolated From Cerebrospinal Fluid of Former National Football League Players at Risk for Chronic Traumatic Encephalopathy. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1059	5.1	26
70	Conversion of G-protein specificity of insulin-like growth factor II/mannose 6-phosphate receptor by exchanging of a short region with beta-adrenergic receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 11772-6	11.5	24
69	P2RX7 inhibitor suppresses exosome secretion and disease phenotype in P301S tau transgenic mice. <i>Molecular Neurodegeneration</i> , <b>2020</b> , 15, 47	19	24
68	Proteomic Profiling of Extracellular Vesicles Derived from Cerebrospinal Fluid of Alzheimer's Disease Patients: A Pilot Study. <i>Cells</i> , <b>2020</b> , 9,	7.9	23
67	Occurrence of Crohn's disease with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2017</b> , 37, 116-117	3.6	22
66	Characterization of insulin degrading enzyme and other amyloid-degrading proteases in human serum: a role in Alzheimer's disease?. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 29, 329-40	4.3	21
65	Plaque associated microglia hyper-secrete extracellular vesicles and accelerate tau propagation in a humanized APP mouse model. <i>Molecular Neurodegeneration</i> , <b>2021</b> , 16, 18	19	21
64	OTK18, a zinc-finger protein, regulates human immunodeficiency virus type 1 long terminal repeat through two distinct regulatory regions. <i>Journal of General Virology</i> , <b>2007</b> , 88, 236-241	4.9	20

63	Inhibition of colony stimulating factor 1 receptor corrects maternal inflammation-induced microglial and synaptic dysfunction and behavioral abnormalities. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1808-1831	15.1	19
62	HIV-1 reduces Abeta-degrading enzymatic activities in primary human mononuclear phagocytes. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6925-32	5.3	19
61	Activation of NR1a/NR2B receptors by soluble factors from APP-stimulated monocyte-derived macrophages: implications for the pathogenesis of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 905-11	5.6	19
60	Assessment of separation methods for extracellular vesicles from human and mouse brain tissues and human cerebrospinal fluids. <i>Methods</i> , <b>2020</b> , 177, 35-49	4.6	18
59	The effect of HIV protease inhibitors on amyloid- $\beta$ peptide degradation and synthesis in human cells and Alzheimer's disease animal model. <i>Journal of NeuroImmune Pharmacology</i> , <b>2012</b> , 7, 412-23	6.9	18
58	OTK18 expression in brain mononuclear phagocytes parallels the severity of HIV-1 encephalitis. <i>Journal of Neuroimmunology</i> , <b>2004</b> , 150, 186-98	3.5	18
57	Dysregulation of Exosome Cargo by Mutant Tau Expressed in Human-induced Pluripotent Stem Cell (iPSC) Neurons Revealed by Proteomics Analyses. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 1017-1034	7.6	16
56	A split-luciferase complementation, real-time reporting assay enables monitoring of the disease-associated transmembrane protein TREM2 in live cells. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 10651-10663	5.4	13
55	Tau Phosphorylation is Impacted by Rare AKAP9 Mutations Associated with Alzheimer Disease in African Americans. <i>Journal of NeuroImmune Pharmacology</i> , <b>2018</b> , 13, 254-264	6.9	13
54	Kinetic analysis of aggregated amyloid-beta peptide clearance in adult bone-marrow-derived macrophages from APP and CCL2 transgenic mice. <i>Journal of NeuroImmune Pharmacology</i> , <b>2007</b> , 2, 213-219	6.9	13
53	Actin interaction and regulation of cyclin-dependent kinase 5/p35 complex activity. <i>Journal of Neurochemistry</i> , <b>2011</b> , 116, 192-204	6	12
52	Distinct neuronal localization of microtubule-associated protein 4 in the mammalian brain. <i>Neuroscience Letters</i> , <b>2010</b> , 484, 143-7	3.3	11
51	The aging of human-immunodeficiency-virus-associated neurocognitive disorders. <i>Journal of NeuroImmune Pharmacology</i> , <b>2009</b> , 4, 161-2	6.9	10
50	Transduction of bovine adrenal chromaffin cells using a recombinant adenovirus expressing GFP. <i>Journal of Neuroscience Methods</i> , <b>2002</b> , 122, 91-6	3	10
49	Potential CRE suppression by familial Alzheimer's mutants of APP independent of adenylyl cyclase regulation. <i>FEBS Letters</i> , <b>1997</b> , 412, 97-101	3.8	9
48	The neuropathogenesis of HIV-1 infection. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2007</b> , 85, 45-67	3	8
47	Enrichment of Neurodegenerative Microglia Signature in Brain-Derived Extracellular Vesicles Isolated from Alzheimer's Disease Mouse Models. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 1733-1743	5.6	8
46	Crohn's and Parkinson's Disease-Associated LRRK2 Mutations Alter Type II Interferon Responses in Human CD14 Blood Monocytes Ex Vivo. <i>Journal of NeuroImmune Pharmacology</i> , <b>2020</b> , 15, 794-800	6.9	7



45	Tau-tubulin kinase 1 and amyloid- $\beta$ peptide induce phosphorylation of collapsin response mediator protein-2 and enhance neurite degeneration in Alzheimer disease mouse models. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 12	7.3	6
44	YY1 and FoxD3 regulate antiretroviral zinc finger protein OTK18 promoter activation induced by HIV-1 infection. <i>Journal of NeuroImmune Pharmacology</i> , <b>2009</b> , 4, 103-15	6.9	6
43	Tau Secretion. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1184, 123-134	3.6	6
42	Human neural cell type-specific extracellular vesicle proteome defines disease-related molecules associated with activated astrocytes in Alzheimer's disease brain.. <i>Journal of Extracellular Vesicles</i> , <b>2022</b> , 11, e12183	16.4	5
41	Cre-inducible Adeno Associated Virus-mediated Expression of P301L Mutant Tau Causes Motor Deficits and Neuronal Degeneration in the Substantia Nigra. <i>Neuroscience</i> , <b>2019</b> , 422, 65-74	3.9	5
40	Neuroimmune pharmacology as a sub-discipline of medical neuroscience in the medical school curriculum. <i>Journal of NeuroImmune Pharmacology</i> , <b>2011</b> , 6, 41-56	6.9	4
39	Calpain and proteasomal regulation of antiretroviral zinc finger protein OTK18 in human macrophages: visualization in live cells by intramolecular FRET. <i>Journal of NeuroImmune Pharmacology</i> , <b>2009</b> , 4, 116-28	6.9	4
38	OTK18 levels in plasma and cerebrospinal fluid correlate with viral load and CD8 T-cells in normal and AIDS patients. <i>Journal of NeuroImmune Pharmacology</i> , <b>2008</b> , 3, 230-5	6.9	4
37	A unique mechanism of desensitization to lipolysis mediated by beta(3)-adrenoceptor in rats with thermal injury. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E316-24	6	4
36	Betagamma subunits mediate the NPY enhancement of ATP-stimulated inositol phosphate formation. <i>Peptides</i> , <b>2004</b> , 25, 267-74	3.8	3
35	Wolframin-1-expressing neurons in the entorhinal cortex propagate tau to CA1 neurons and impair hippocampal memory in mice. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabe8455	17.5	3
34	The Use of Viral Vectors to Enhance Cognition <b>2015</b> , 111-137		1
33	CSF1R inhibitor abrogates tau propagation exacerbated in APPNL-G-F knock-in mice but enhances fibrillar beta-amyloidosis and dystrophic neurite formation in the brain. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e040958	1.2	1
32	Imaging of Amyloid- $\beta$ Aggregation Using a Novel Quantum dot Nanoprobe and its Advanced Applications <b>2014</b> , 121-131		1
31	Proteomic and Biological Profiling of Extracellular Vesicles from Alzheimer's Disease Human Brain Tissues		1
30	Gene Delivery and Gene Therapy for Alzheimer's Disease. <i>NeuroMethods</i> , <b>2015</b> , 85-120	0.4	1
29	Amyloid plaque deposition accelerates tau propagation via activation of microglia in a humanized APP mouse model		1
28	Extracellular Hsp90 $\beta$ Detoxifies $\beta$ Amyloid Fibrils Through an NRF2 and Autophagy Dependent Pathway		1

27	O4-04-01: Microglial Exosomes Propagate Tau Protein from the Entorhinal Cortex to the Hippocampus: An Early Pathophysiology of Alzheimer's Disease <b>2016</b> , 12, P339-P340		1
26	Proteomic Profiling of Extracellular Vesicles Separated from Plasma of Former National Football League Players at Risk for Chronic Traumatic Encephalopathy <b>2021</b> , 12, 1363-1375		1
25	Enrichment of Phosphorylated Tau (Thr181) and Functionally Interacting Molecules in Chronic Traumatic Encephalopathy Brain-derived Extracellular Vesicles <b>2021</b> , 12, 1376-1388		1
24	P1-025: EXOSOMES CONTAINING SPECIFIC TAU OLIGOMER FORMATIONS ACCELERATE PATHOLOGICAL TAU PHOSPHORYLATION IN C57BL/6 MICE <b>2018</b> , 14, P275-P275		1
23	O2-01-02: CHARACTERIZATION OF HUMAN ALZHEIMER'S DISEASE BRAIN-DERIVED EXOSOMES <b>2018</b> , 14, P608-P608		1
22	Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE ε protective effect in Alzheimer disease. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	1
21	Elucidating the pathogenic mechanisms of AD brain-derived, tau-containing extracellular vesicles: Highly transmissible and preferential propagation to GABAergic neurons. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e037316	1.2	0
20	Mutant Presenilin 1 Dysregulates Exosomal Proteome Cargo Produced by Human-Induced Pluripotent Stem Cell Neurons. <i>ACS Omega</i> , <b>2021</b> , 6, 13033-13056	3.9	0
19	Functional genome-wide short hairpin RNA library screening identifies key molecules for extracellular vesicle secretion from microglia.. <i>Cell Reports</i> , <b>2022</b> , 39, 110791	10.6	0
18	Alzheimer's disease associated AKAP9 I2558M mutation alters posttranslational modification and interactome of tau and cellular functions in CRISPR-edited human neuronal cells.. <i>Aging Cell</i> , <b>2022</b> , e136177	9.9	0
17	Proteomic, transcriptomic and functional characterization of human astrocyte-derived extracellular vesicles upon inflammatory activation. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e039585	1.2	
16	Assessment of a novel tau propagation pathway from layer II medial entorhinal cortical neurons to CA1 pyramidal neurons as an early BRAAK stage mouse model. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e042179	1.2	
15	Evaluation of extracellular vesicles isolated from the cerebrospinal fluid and plasma from former National Football League players at risk for chronic traumatic encephalopathy. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e042233	1.2	
14	Differential effects of apolipoprotein E on the molecular and cellular phenotypes associated with Alzheimer's disease in isogenic human iPSC-derived neurons. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e044579 <sup>2</sup>		
13	[P3092]: TAU PHOSPHORYLATION IS IMPACTED BY RARE AD-ASSOCIATED AKAP9 MUTATIONS SPECIFIC TO AFRICAN AMERICANS <b>2017</b> , 13, P969-P969		
12	[O20303]: TAU-INDUCED NEURODEGENERATION IS MEDIATED BY RNA BINDING PROTEINS <b>2017</b> , 13, P555-P556		
11	[O30404]: COMPREHENSIVE CHARACTERIZATION OF HUMAN ALZHEIMER'S DISEASE BRAIN-DERIVED EXOSOMES <b>2017</b> , 13, P907		
10	Syk and Yea Shall Find. <i>EBioMedicine</i> , <b>2015</b> , 2, 1590-1	8.8	



- 9 1P-263 Imaging of amyloid-beta peptide aggregation in vitro and in vivo by a quantum dot-based nanoprobe(Bioimaging, The 47th Annual Meeting of the Biophysical Society of Japan). *Seibutsu Butsurei*, **2009**, 49, S103 0
- 8 Introducing Neuroimmune Pharmacology **2008**, 1-3
- 7 CCR1 Chemokine Receptor **2007**, 1-10
- 6 CCR2 Chemokine Receptor **2007**, 1-7
- 5 Bioinformatic analysis of microglia-neural stem cell interactions: a role for wnt5a?. *FASEB Journal*, **2013**, 27, 1181.5 0.9
- 4 AAV2/1-mediated gene delivery of CD200 into the hippocampus enhances neurogenesis and amyloid clearance in the APP mouse. *FASEB Journal*, **2013**, 27, 1177.2 0.9
- 3 A Systems Biology Investigation of Murine Microglial Activation States: Integration of mRNA and miRNA Expression Changes. *FASEB Journal*, **2013**, 27, 663.12 0.9
- 2 PL-03-01: INGE Grundke-Iqbal Lecture for Alzheimer's Research: Exosomes and Microglia in Tau Propagation **2016**, 12, P278-P278
- 1 P3-086: PROTEOMIC ANALYSIS OF EXOSOMES DERIVED FROM PLASMA SAMPLES OF FORMER NATIONAL FOOTBALL LEAGUE PLAYERS **2018**, 14, P1098-P1098