

# Tracey A Newman

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,775  
citations

172207

29  
h-index

133063

59  
g-index

65  
all docs

65  
docs citations

65  
times ranked

5256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solutes, but not cells, drain from the brain parenchyma along basement membranes of capillaries and arteries: significance for cerebral amyloid angiopathy and neuroimmunology. <i>Neuropathology and Applied Neurobiology</i> , 2008, 34, 131-144.	1.8	525
2	Cerebral Amyloid Angiopathy. <i>American Journal of Pathology</i> , 1998, 153, 725-733.	1.9	472
3	The impact of systemic infection on the progression of neurodegenerative disease. <i>Nature Reviews Neuroscience</i> , 2003, 4, 103-112.	4.9	383
4	GSK-3 $\beta$ inhibition reverses axonal transport defects and behavioural phenotypes in <i>Drosophila</i> . <i>Molecular Psychiatry</i> , 2004, 9, 522-530.	4.1	243
5	Mannose receptor expression specifically reveals perivascular macrophages in normal, injured, and diseased mouse brain. <i>Glia</i> , 2005, 49, 375-384.	2.5	160
6	T-cell- and macrophage-mediated axon damage in the absence of a CNS-specific immune response: involvement of metalloproteinases. <i>Brain</i> , 2001, 124, 2203-2214.	3.7	133
7	The effect of non-steroidal anti-inflammatory agents on behavioural changes and cytokine production following systemic inflammation: Implications for a role of COX-1. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 409-419.	2.0	128
8	Systemic inflammation induces axon injury during brain inflammation. <i>Annals of Neurology</i> , 2011, 70, 932-942.	2.8	103
9	Over-expression of tau results in defective synaptic transmission in <i>Drosophila</i> neuromuscular junctions. <i>Neurobiology of Disease</i> , 2005, 20, 918-928.	2.1	98
10	Diesel exhaust rapidly degrades floral odours used by honeybees. <i>Scientific Reports</i> , 2013, 3, 2779.	1.6	93
11	Cell-specific targeting in the mouse inner ear using nanoparticles conjugated with a neurotrophin-derived peptide ligand: Potential tool for drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 390, 214-224.	2.6	88
12	Potent and multiple regulatory actions of microglial glucocorticoid receptors during CNS inflammation. <i>Cell Death and Differentiation</i> , 2013, 20, 1546-1557.	5.0	88
13	A $\beta$ exacerbates the neuronal dysfunction caused by human tau expression in a <i>Drosophila</i> model of Alzheimer's disease. <i>Experimental Neurology</i> , 2010, 223, 401-409.	2.0	81
14	A Retrospective Analysis of the Contribution of Reported Factors in Cochlear Implantation on Hearing Preservation Outcomes. <i>Otology and Neurotology</i> , 2015, 36, 1137-1145.	0.7	68
15	The Effects of Diesel Exhaust Pollution on Floral Volatiles and the Consequences for Honey Bee Olfaction. <i>Journal of Chemical Ecology</i> , 2015, 41, 904-912.	0.9	68
16	Minimally invasive drug delivery to the cochlea through application of nanoparticles to the round window membrane. <i>Nanomedicine</i> , 2012, 7, 1339-1354.	1.7	65
17	Inflammation is associated with a worsening of presbycusis: Evidence from the MRC national study of hearing. <i>International Journal of Audiology</i> , 2014, 53, 469-475.	0.9	65
18	Targeted delivery of Tet1 peptide functionalized polymersomes to the rat cochlear nerve. <i>International Journal of Nanomedicine</i> , 2012, 7, 1015.	3.3	55

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19	Cytokine-induced enhancement of autoimmune inflammation in the brain and spinal cord: implications for multiple sclerosis. <i>Neuropathology and Applied Neurobiology</i> , 2004, 30, 374-384.	1.8	51
20	Hyperspectral darkfield microscopy of single hollow gold nanoparticles for biomedical applications. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4163-4168.	1.3	50
21	Blood-derived dendritic cells in an acute brain injury. <i>Journal of Neuroimmunology</i> , 2005, 166, 167-172.	1.1	47
22	Prestin binding peptides as ligands for targeted polymersome mediated drug delivery to outer hair cells in the inner ear. <i>International Journal of Pharmaceutics</i> , 2012, 424, 121-127.	2.6	43
23	Strategies for drug delivery to the human inner ear by multifunctional nanoparticles. <i>Nanomedicine</i> , 2012, 7, 55-63.	1.7	41
24	Role of Chemokines, Neuronal Projections, and the Blood-Brain Barrier in the Enhancement of Cerebral EAE Following Focal Brain Damage. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 1031-1043.	0.9	38
25	A comparison of the neuronal dysfunction caused by <i>Drosophila</i> tau and human tau in a <i>Drosophila</i> model of tauopathies. <i>Invertebrate Neuroscience</i> , 2007, 7, 165-171.	1.8	38
26	Macrophages in the cochlea; an immunological link between risk factors and progressive hearing loss. <i>Glia</i> , 2022, 70, 219-238.	2.5	38
27	Quantification of intracellular payload release from polymersome nanoparticles. <i>Scientific Reports</i> , 2016, 6, 29460.	1.6	37
28	Trends in Cochlear Implant Complications. <i>Otology and Neurotology</i> , 2013, 34, 259-265.	0.7	32
29	Acute exposure to diesel exhaust induces central nervous system stress and altered learning and memory in honey bees. <i>Scientific Reports</i> , 2019, 9, 5793.	1.6	32
30	Expression of neuronal markers in the endometrium of women with and those without endometriosis. <i>Human Reproduction</i> , 2013, 28, 2502-2510.	0.4	29
31	Soluble Axoplasm Enriched from Injured CNS Axons Reveals the Early Modulation of the Actin Cytoskeleton. <i>PLoS ONE</i> , 2012, 7, e47552.	1.1	26
32	Characterisation of temporal microglia and astrocyte immune responses in bile duct-ligated rat models of cirrhosis. <i>Liver International</i> , 2014, 34, 1184-1191.	1.9	25
33	Far-field unlabeled super-resolution imaging with superoscillatory illumination. <i>APL Photonics</i> , 2020, 5, .	3.0	25
34	Polymersomes, smaller than you think: ferrocene as a TEM probe to determine core structure. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1997-2001.	0.8	24
35	Immune-to-brain signalling: The role of cerebral CD163-positive macrophages. <i>Neuroscience Letters</i> , 2008, 448, 41-46.	1.0	22
36	Ex-vivo models of the Retinal Pigment Epithelium (RPE) in long-term culture faithfully recapitulate key structural and physiological features of native RPE. <i>Tissue and Cell</i> , 2017, 49, 447-460.	1.0	22

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37	Improving the visualization of fluorescently tagged nanoparticles and fluorophore-labeled molecular probes by treatment with CuSO <sub>4</sub> to quench autofluorescence in the rat inner ear. <i>Hearing Research</i> , 2010, 269, 1-11.	0.9	21
38	Comparison of the distribution pattern of PEG-b-PCL polymersomes delivered into the rat inner ear via different methods. <i>Acta Oto-Laryngologica</i> , 2011, 131, 1249-1256.	0.3	21
39	Genetics of age-related hearing loss. <i>Journal of Neuroscience Research</i> , 2020, 98, 1698-1704.	1.3	21
40	Activation of TrkB receptors by NGF <sup>2</sup> mimetic peptide conjugated polymersome nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 271-274.	1.7	20
41	PEGylated liposomes associate with Wnt3A protein and expand putative stem cells in human bone marrow populations. <i>Nanomedicine</i> , 2017, 12, 845-863.	1.7	19
42	Exploiting Routine Clinical Measures to Inform Strategies for Better Hearing Performance in Cochlear Implant Users. <i>Frontiers in Neuroscience</i> , 2018, 12, 1048.	1.4	16
43	Transient Canonical Wnt Stimulation Enriches Human Bone Marrow Mononuclear Cell Isolates for Osteoprogenitors. <i>Stem Cells</i> , 2016, 34, 418-430.	1.4	15
44	Polymersome nanoparticles for delivery of Wnt-activating small molecules. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1267-1277.	1.7	15
45	Using <i>Drosophila</i> models of neurodegenerative diseases for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 129-140.	2.5	14
46	A convenient protocol for establishing a human cell culture model of the outer retina.. <i>F1000Research</i> , 2018, 7, 1107.	0.8	13
47	Antibiotic-Loaded Polymersomes for Clearance of Intracellular <i>Burkholderia thailandensis</i> . <i>ACS Nano</i> , 2021, 15, 19284-19297.	7.3	10
48	Auditory temporal acuity improves with age in the male mouse auditory thalamus: A role for perineuronal nets?. <i>Journal of Neuroscience Research</i> , 2020, 98, 1780-1799.	1.3	9
49	Oligomeric A $\beta$ <sup>21-42</sup> Induces an AMD-Like Phenotype and Accumulates in Lysosomes to Impair RPE Function. <i>Cells</i> , 2021, 10, 413.	1.8	8
50	High-Throughput Urinary Neopterin-to-Creatinine Ratio Monitoring of Systemic Inflammation. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 101-113.	0.6	7
51	Integration of a macro/micro architected compartmentalised neuronal culture device using a rapid prototyping moulding process. <i>Lab on A Chip</i> , 2011, 11, 3001.	3.1	6
52	The role of the immune system in hearing preservation after cochlear implantation. <i>Cochlear Implants International</i> , 2015, 16, S40-S42.	0.5	6
53	Super-Oscillatory Imaging of Nanoparticle Interactions with Neurons. <i>Biophysical Journal</i> , 2015, 108, 479a.	0.2	5
54	Stress and exacerbations in multiple sclerosis: Whether stress triggers relapses remains a conundrum. <i>BMJ: British Medical Journal</i> , 2004, 328, 287-287.	2.4	5

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55	Inflammation at the Tissue-Electrode Interface in a Case of Rapid Deterioration in Hearing Performance Leading to Explant After Cochlear Implantation. <i>Otology and Neurotology</i> , 2021, 42, e445-e450.	0.7	2
56	Piloting the recording of electrode voltages (REVS) using surface electrodes as a test to identify cochlear implant electrode migration, extra-cochlear electrodes and basal electrodes causing discomfort. <i>Cochlear Implants International</i> , 2021, 22, 157-169.	0.5	2
57	Repeated short-term exposure to diesel exhaust reduces honey bee colony fitness. <i>Environmental Pollution</i> , 2022, 300, 118934.	3.7	2
58	A role for inflammation in the progression of age-related hearing loss. <i>Journal of Neuroimmunology</i> , 2014, 275, 133.	1.1	1
59	Bridging Two Cultures: Minimalistic Networks Prepared by Microfluidic Arraying, and Open Access Compartments for Electrophysiology. <i>Neuromethods</i> , 2015, , 39-56.	0.2	0