

# Roman Sankowski

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

4,863  
citations

304743

22  
h-index

302126

39  
g-index

54  
all docs

54  
docs citations

54  
times ranked

6482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal heterogeneity of mouse and human microglia at single-cell resolution. <i>Nature</i> , 2019, 566, 388-392.	27.8	853
2	Single-cell profiling identifies myeloid cell subsets with distinct fates during neuroinflammation. <i>Science</i> , 2019, 363, .	12.6	583
3	Microglia Heterogeneity in the Single-Cell Era. <i>Cell Reports</i> , 2020, 30, 1271-1281.	6.4	421
4	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 6129.	12.8	371
5	Resveratrol mitigates lipopolysaccharide- and $\text{A}\beta$ -mediated microglial inflammation by inhibiting the TLR4/NF- $\kappa$ B/STAT signaling cascade. <i>Journal of Neurochemistry</i> , 2012, 120, 461-472.	3.9	363
6	Mapping microglia states in the human brain through the integration of high-dimensional techniques. <i>Nature Neuroscience</i> , 2019, 22, 2098-2110.	14.8	296
7	Systemic Inflammation and the Brain: Novel Roles of Genetic, Molecular, and Environmental Cues as Drivers of Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 28.	3.7	248
8	Tumor-associated reactive astrocytes aid the evolution of immunosuppressive environment in glioblastoma. <i>Nature Communications</i> , 2019, 10, 2541.	12.8	218
9	Rodent models of neuroinflammation for Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2015, 12, 74.	7.2	191
10	Novel Hexb-based tools for studying microglia in the CNS. <i>Nature Immunology</i> , 2020, 21, 802-815.	14.5	186
11	Spatially resolved multi-omics deciphers bidirectional tumor-host interdependence in glioblastoma. <i>Cancer Cell</i> , 2022, 40, 639-655.e13.	16.8	166
12	Microglia facilitate repair of demyelinated lesions via post-squalene sterol synthesis. <i>Nature Neuroscience</i> , 2021, 24, 47-60.	14.8	134
13	Tryptophan metabolism drives dynamic immunosuppressive myeloid states in IDH-mutant gliomas. <i>Nature Cancer</i> , 2021, 2, 723-740.	13.2	110
14	Specification of CNS macrophage subsets occurs postnatally in defined niches. <i>Nature</i> , 2022, 604, 740-748.	27.8	107
15	T-cell dysfunction in the glioblastoma microenvironment is mediated by myeloid cells releasing interleukin-10. <i>Nature Communications</i> , 2022, 13, 925.	12.8	104
16	IL-17 controls central nervous system autoimmunity through the intestinal microbiome. <i>Science Immunology</i> , 2021, 6, .	11.9	67
17	Mapping the origin and fate of myeloid cells in distinct compartments of the eye by single-cell profiling. <i>EMBO Journal</i> , 2021, 40, e105123.	7.8	60
18	Key role of MIF-related neuroinflammation in neurodegeneration and cognitive impairment in Alzheimer's disease. <i>Molecular Medicine</i> , 2020, 26, 34.	4.4	46

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19	Endogenous retroviruses are associated with hippocampus-based memory impairment. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25982-25990.	7.1	39
20	Human organotypic brain slice culture: a novel framework for environmental research in neuro-oncology. Life Science Alliance, 2019, 2, e201900305.	2.8	38
21	Astrogliosis Releases Pro-Oncogenic Chitinase 3-Like 1 Causing MAPK Signaling in Glioblastoma. Cancers, 2019, 11, 1437.	3.7	28
22	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. Cancer Cell, 2019, 36, 250-267.e9.	16.8	25
23	Dysfunctional dendritic cells limit antigen-specific T cell response in glioma. Neuro-Oncology, 2023, 25, 263-276.	1.2	23
24	GPCRomics of Homeostatic and Disease-Associated Human Microglia. Frontiers in Immunology, 2021, 12, 674189.	4.8	19
25	Chitinase 3-like 1 and neurofilament light chain in CSF and CNS atrophy in MS. Neurology: Neuroimmunology and Neuroinflammation, 2021, 8, e906.	6.0	17
26	Health-Related Quality of Life and its Determinants in the Urban Russian Population with Major Depressive Disorder: A Cross-Sectional Study. International Journal of Psychiatry in Medicine, 2012, 43, 35-49.	1.8	14
27	Genetic Determinants of Obesity and Related Vascular Diseases. Vitamins and Hormones, 2013, 91, 29-48.	1.7	14
28	Persistent inflammatory states and their implications in brain disease. Current Opinion in Neurology, 2020, 33, 341-346.	3.6	12
29	Commensal microbiota divergently affect myeloid subsets in the mammalian central nervous system during homeostasis and disease. EMBO Journal, 2021, 40, e108605.	7.8	12
30	CNI-1493 Attenuates Neuroinflammation and Dopaminergic Neurodegeneration in the Acute MPTP Mouse Model of Parkinson's Disease. Neurodegenerative Diseases, 2013, 12, 103-110.	1.4	11
31	Resection of recurrent glioblastoma multiforme in elderly patients: a pseudo-randomized analysis revealed clinical benefit. Journal of Neuro-Oncology, 2020, 146, 381-387.	2.9	11
32	Evaluating microglial phenotypes using single-cell technologies. Trends in Neurosciences, 2022, 45, 133-144.	8.6	11
33	Neurocognitive and psychiatric post-coronavirus disease 2019 conditions. Current Opinion in Neurology, 2022, Publish Ahead of Print, .	3.6	10
34	Freiburg Neuropathology Case Conference. Clinical Neuroradiology, 2019, 29, 581-586.	1.9	5
35	Large-Scale Validation of the Paddling Pool Task in the Clockmaze for Studying Hippocampus-Based Spatial Cognition in Mice. Frontiers in Behavioral Neuroscience, 2019, 13, 121.	2.0	5
36	The Multi-target Effects of CNI-1493: Convergence of Anti-amyloidogenic and Anti-inflammatory Properties in Animal Models of Alzheimer's Disease. Molecular Medicine, 2016, 22, 776-788.	4.4	3

#	ARTICLE	IF	CITATIONS
37	Characterization of longitudinal transformation of T2-hyperintensity in oligodendroglioma. BMC Cancer, 2020, 20, 818.	2.6	2
38	Giant Osteolytic Schwannoma from the Sixth Thoracic Nerve Root – An Interesting Case. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 1123-1124.	1.3	1
39	Freiburg Neuropathology Case Conference. Clinical Neuroradiology, 2021, 31, 1215-1221.	1.9	1
40	Freiburg Neuropathology Case Conference. Clinical Neuroradiology, 2017, 27, 525-529.	1.9	0
41	CNS myeloid cell heterogeneity at the single-cell level. Neuroforum, 2019, 25, 195-204.	0.3	0
42	Spatially Resolved Multi-Omics Deciphers Bidirectional Tumor-Host Interdependence in Glioblastoma. SSRN Electronic Journal, 0, , .	0.4	0
43	IMMU-04. UNVEILING THE TUMOR-METABOLOME-IMMUNITY AXIS OF GLIOMA. Neuro-Oncology, 2021, 23, vi92-vi92.	1.2	0