

# Omar Mossad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9254548/publications.pdf>

Version: 2024-02-01

12  
papers

621  
citations

1163117

8  
h-index

1199594

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12  
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12  
docs citations

12  
times ranked

627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-cytometry-based protocol to analyze respiratory chain function in mouse microglia. STAR Protocols, 2022, 3, 101186.	1.2	2
2	Gut microbiota drives age-related oxidative stress and mitochondrial damage in microglia via the metabolite N6-carboxymethyllysine. Nature Neuroscience, 2022, 25, 295-305.	14.8	84
3	Reporter cell assay for human CD33 validated by specific antibodies and human iPSC-derived microglia. Scientific Reports, 2021, 11, 13462.	3.3	8
4	Getting on in Old Age: How the Gut Microbiota Interferes With Brain Innate Immunity. Frontiers in Cellular Neuroscience, 2021, 15, 698126.	3.7	12
5	Microbiota-derived acetate enables the metabolic fitness of the brain innate immune system during health and disease. Cell Metabolism, 2021, 33, 2260-2276.e7.	16.2	173
6	Microbiota-dependent increase in Î-valerobetaine alters neuronal function and is responsible for age-related cognitive decline. Nature Aging, 2021, 1, 1127-1136.	11.6	20
7	The microbiotaâ€“microglia axis in central nervous system disorders. Brain Pathology, 2020, 30, 1159-1177.	4.1	52
8	Different effects of constitutive and induced microbiota modulation on microglia in a mouse model of Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2020, 8, 119.	5.2	75
9	Neural metabolic imbalance induced by MOF dysfunction triggers pericyte activation and breakdown of vasculature. Nature Cell Biology, 2020, 22, 828-841.	10.3	27
10	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. Nature Neuroscience, 2020, 23, 676-689.	14.8	148
11	Loss of USP18 in microglia induces white matter pathology. Acta Neuropathologica Communications, 2019, 7, 106.	5.2	15
12	The gut-brain axis: microglia in the spotlight. Neuroforum, 2019, 25, 205-212.	0.3	5