

# Oliver Harschnitz

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,194  
citations

567281

15  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5003  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                               | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | A Human Pluripotent Stem Cell-based Platform to Study SARS-CoV-2 Tropism and Model Virus Infection in Human Cells and Organoids. <i>Cell Stem Cell</i> , 2020, 27, 125-136.e7.                                                                        | 11.1 | 543       |
| 2  | Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. <i>Nature Genetics</i> , 2016, 48, 1043-1048.                                                                              | 21.4 | 494       |
| 3  | Microglia innately develop within cerebral organoids. <i>Nature Communications</i> , 2018, 9, 4167.                                                                                                                                                   | 12.8 | 405       |
| 4  | Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimer's disease. <i>Nature Neuroscience</i> , 2021, 24, 343-354.                                                                        | 14.8 | 118       |
| 5  | The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. <i>Trends in Neurosciences</i> , 2022, 45, 358-368.                                                                                                                            | 8.6  | 118       |
| 6  | Human SNORA31 variations impair cortical neuron-intrinsic immunity to HSV-1 and underlie herpes simplex encephalitis. <i>Nature Medicine</i> , 2019, 25, 1873-1884.                                                                                   | 30.7 | 76        |
| 7  | TLR3 controls constitutive IFN- $\beta$ antiviral immunity in human fibroblasts and cortical neurons. <i>Journal of Clinical Investigation</i> , 2021, 131, .                                                                                         | 8.2  | 64        |
| 8  | Human iPSC-derived trigeminal neurons lack constitutive TLR3-dependent immunity that protects cortical neurons from HSV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8775-E8782. | 7.1  | 58        |
| 9  | Autoantibody pathogenicity in a multifocal motor neuropathy induced pluripotent stem cell-derived model. <i>Annals of Neurology</i> , 2016, 80, 71-88.                                                                                                | 5.3  | 53        |
| 10 | Whole blood transcriptome analysis in amyotrophic lateral sclerosis: A biomarker study. <i>PLoS ONE</i> , 2018, 13, e0198874.                                                                                                                         | 2.5  | 37        |
| 11 | Human stem cell models to study host-virus interactions in the central nervous system. <i>Nature Reviews Immunology</i> , 2021, 21, 441-453.                                                                                                          | 22.7 | 35        |
| 12 | Taking a risk: a therapeutic focus on ataxin-2 in amyotrophic lateral sclerosis?. <i>Trends in Molecular Medicine</i> , 2014, 20, 25-35.                                                                                                              | 6.7  | 33        |
| 13 | A Comparative Study of SMN Protein and mRNA in Blood and Fibroblasts in Patients with Spinal Muscular Atrophy and Healthy Controls. <i>PLoS ONE</i> , 2016, 11, e0167087.                                                                             | 2.5  | 32        |
| 14 | MMN: From Immunological Cross-Talk to Conduction Block. <i>Journal of Clinical Immunology</i> , 2014, 34, 112-119.                                                                                                                                    | 3.8  | 31        |
| 15 | Complement activity is associated with disease severity in multifocal motor neuropathy. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2015, 2, e119.                                                                                      | 6.0  | 25        |
| 16 | Facial Onset Sensory and Motor Neuronopathy. <i>Neurology: Clinical Practice</i> , 2021, 11, 147-157.                                                                                                                                                 | 1.6  | 16        |
| 17 | Neuron-intrinsic immunity to viruses in mice and humans. <i>Current Opinion in Immunology</i> , 2021, 72, 309-317.                                                                                                                                    | 5.5  | 14        |
| 18 | Intracranial application of free fasciocutaneous flaps in a novel sandwich technique for skull base reconstruction. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2011, 40, 931-937.                                               | 1.5  | 9         |

| #  | ARTICLE                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Spinal Muscular Atrophy Patient iPSC-Derived Motor Neurons Display Altered Proteomes at Early Stages of Differentiation. ACS Omega, 2021, 6, 35375-35388.                                                         | 3.5 | 9         |
| 20 | VEGF Over-Expression by Engineered BMSC Accelerates Functional Perfusion, Improving Tissue Density and In-Growth in Clinical-Size Osteogenic Grafts. Frontiers in Bioengineering and Biotechnology, 2020, 8, 755. | 4.1 | 4         |
| 21 | Human Stem Cell-Derived Models: Lessons for Autoimmune Diseases of the Nervous System. Neuroscientist, 2019, 25, 199-207.                                                                                         | 3.5 | 3         |