

# Michael Segel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9712067/publications.pdf>

Version: 2024-02-01

11  
papers

4,805  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

7996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Functional Human Pancreatic $\beta$ Cells In Vitro. <i>Cell</i> , 2014, 159, 428-439.	28.9	1,643
2	Single-Cell RNA Sequencing of Microglia throughout the Mouse Lifespan and in the Injured Brain Reveals Complex Cell-State Changes. <i>Immunity</i> , 2019, 50, 253-271.e6.	14.3	1,351
3	Detection of SARS-CoV-2 with SHERLOCK One-Pot Testing. <i>New England Journal of Medicine</i> , 2020, 383, 1492-1494.	27.0	506
4	Niche stiffness underlies the ageing of central nervous system progenitor cells. <i>Nature</i> , 2019, 573, 130-134.	27.8	311
5	Diverse enzymatic activities mediate antiviral immunity in prokaryotes. <i>Science</i> , 2020, 369, 1077-1084.	12.6	302
6	Metformin Restores CNS Remyelination Capacity by Rejuvenating Aged Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 473-485.e8.	11.1	245
7	Mammalian retrovirus-like protein PEG10 packages its own mRNA and can be pseudotyped for mRNA delivery. <i>Science</i> , 2021, 373, 882-889.	12.6	214
8	A map of transcriptional heterogeneity and regulatory variation in human microglia. <i>Nature Genetics</i> , 2021, 53, 861-868.	21.4	115
9	Remyelination and ageing: Reversing the ravages of time. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1835-1841.	3.0	63
10	Transforming growth factor $\beta$ renders ageing microglia inhibitory to oligodendrocyte generation by CNS progenitors. <i>Glia</i> , 2019, 67, 1374-1384.	4.9	32
11	Myc determines the functional age state of oligodendrocyte progenitor cells. <i>Nature Aging</i> , 2021, 1, 826-837.	11.6	12