

# Onur Basak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5680884/publications.pdf>

Version: 2024-02-01

32  
papers

5,810  
citations

236925

25  
h-index

414414

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

10328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell messenger RNA sequencing reveals rare intestinal cell types. <i>Nature</i> , 2015, 525, 251-255.	27.8	1,091
2	Quiescent and Active Hippocampal Neural Stem Cells with Distinct Morphologies Respond Selectively to Physiological and Pathological Stimuli and Aging. <i>Cell Stem Cell</i> , 2010, 6, 445-456.	11.1	620
3	Long-Term Expansion of Functional Mouse and Human Hepatocytes as 3D Organoids. <i>Cell</i> , 2018, 175, 1591-1606.e19.	28.9	505
4	Replacement of Lost Lgr5-Positive Stem Cells through Plasticity of Their Enterocyte-Lineage Daughters. <i>Cell Stem Cell</i> , 2016, 18, 203-213.	11.1	451
5	Differentiated Troy+ Chief Cells Act as Reserve Stem Cells to Generate All Lineages of the Stomach Epithelium. <i>Cell</i> , 2013, 155, 357-368.	28.9	445
6	Visualization of a short-range Wnt gradient in the intestinal stem-cell niche. <i>Nature</i> , 2016, 530, 340-343.	27.8	425
7	Programs for the persistence, vigilance and control of human CD8+ lung-resident memory T cells. <i>Nature Immunology</i> , 2016, 17, 1467-1478.	14.5	373
8	Induced Quiescence of Lgr5+ Stem Cells in Intestinal Organoids Enables Differentiation of Hormone-Producing Enteroendocrine Cells. <i>Cell Stem Cell</i> , 2017, 20, 177-190.e4.	11.1	255
9	Profiling proliferative cells and their progeny in damaged murine hearts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12245-E12254.	7.1	154
10	Identification of self-replicating multipotent progenitors in the embryonic nervous system by high Notch activity and Hes5 expression. <i>European Journal of Neuroscience</i> , 2007, 25, 1006-1022.	2.6	145
11	Neurogenic Subventricular Zone Stem/Progenitor Cells Are Notch1-Dependent in Their Active But Not Quiescent State. <i>Journal of Neuroscience</i> , 2012, 32, 5654-5666.	3.6	142
12	Troy+ brain stem cells cycle through quiescence and regulate their number by sensing niche occupancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E610-E619.	7.1	138
13	Mapping early fate determination in <i>Lgr5</i> crypt stem cells using a novel <i>Klf4</i> allele. <i>EMBO Journal</i> , 2014, 33, 2057-2068.	7.8	133
14	Molecular Diversity Subdivides the Adult Forebrain Neural Stem Cell Population. <i>Stem Cells</i> , 2014, 32, 70-84.	3.2	108
15	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 342-356.e7.	11.1	97
16	Robust, Long-Term Culture of Endoderm-Derived Hepatic Organoids for Disease Modeling. <i>Stem Cell Reports</i> , 2019, 13, 627-641.	4.8	94
17	Reelin and Notch1 Cooperate in the Development of the Dentate Gyrus. <i>Journal of Neuroscience</i> , 2009, 29, 8578-8585.	3.6	79
18	Large-Scale Identification of Coregulated Enhancer Networks in the Adult Human Brain. <i>Cell Reports</i> , 2014, 9, 767-779.	6.4	78

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19	Hematopoietic stem cells can differentiate into restricted myeloid progenitors before cell division in mice. <i>Nature Communications</i> , 2018, 9, 1898.	12.8	61
20	Hes5 Expression in the Postnatal and Adult Mouse Inner Ear and the Drug-Damaged Cochlea. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2009, 10, 321-340.	1.8	59
21	FOXP1 Promotes Embryonic Neural Stem Cell Differentiation by Repressing Jagged1 Expression. <i>Stem Cell Reports</i> , 2017, 9, 1530-1545.	4.8	56
22	Long-term expansion and differentiation of adult murine epidermal stem cells in 3D organoid cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14630-14638.	7.1	56
23	Stem cells of the adult mammalian brain and their niche. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 1057-1072.	5.4	48
24	SCA-1 Expression Level Identifies Quiescent Hematopoietic Stem and Progenitor Cells. <i>Stem Cell Reports</i> , 2017, 8, 1472-1478.	4.8	44
25	Isolation and Manipulation of Mammalian Neural Stem Cells In Vitro. <i>Methods in Molecular Biology</i> , 2009, 482, 143-158.	0.9	34
26	Transcriptome and proteome profiling of neural stem cells from the human subventricular zone in Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2019, 7, 84.	5.2	28
27	Establishment and characterization of a canine keratinocyte organoid culture system. <i>Veterinary Dermatology</i> , 2018, 29, 375.	1.2	25
28	Single-cell profiling of human subventricular zone progenitors identifies SFRP1 as a target to re-activate progenitors. <i>Nature Communications</i> , 2022, 13, 1036.	12.8	19
29	Neural Progenitors of the Postnatal and Adult Mouse Forebrain Retain the Ability to Self-Replicate, Form Neurospheres, and Undergo Multipotent Differentiation In Vivo. <i>Stem Cells</i> , 2009, 27, 714-723.	3.2	18
30	Identification of a discrete subpopulation of spinal cord ependymal cells with neural stem cell properties. <i>Cell Reports</i> , 2022, 38, 110440.	6.4	18
31	Neural stem cells for diabetes cell-based therapy. <i>EMBO Molecular Medicine</i> , 2011, 3, 698-700.	6.9	2
32	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1