

# Olaf Bergmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7691218/publications.pdf>

Version: 2024-02-01

42  
papers

11,696  
citations

377584

21  
h-index

340414

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

18042  
citing authors

#	ARTICLE	IF	CITATIONS
1	MSK-Mediated Phosphorylation of Histone H3 Ser28 Couples MAPK Signalling with Early Gene Induction and Cardiac Hypertrophy. <i>Cells</i> , 2022, 11, 604.	1.8	8
2	Evidence for postnatal neurogenesis in the human amygdala. <i>Communications Biology</i> , 2022, 5, 366.	2.0	18
3	FUCCI-Based Live Imaging Platform Reveals Cell Cycle Dynamics and Identifies Pro-proliferative Compounds in Human iPSC-Derived Cardiomyocytes. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840147.	1.1	6
4	Diploid hepatocytes drive physiological liver renewal in adult humans. <i>Cell Systems</i> , 2022, 13, 499-507.e12.	2.9	22
5	Cardiomyocytes in congenital heart disease: Overcoming cytokinesis failure in tetralogy of Fallot. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1587-1590.	0.4	8
6	Cycling Cardiomyocytes. <i>Circulation Research</i> , 2021, 128, 169-171.	2.0	5
7	Identification and characterization of distinct cell cycle stages in cardiomyocytes using the FUCCI transgenic system. <i>Experimental Cell Research</i> , 2021, 408, 112880.	1.2	7
8	BRAP: a novel regulator of the cardiomyocyte cell cycle controlling both proliferation and survival?. <i>Cardiovascular Research</i> , 2020, 116, 467-469.	1.8	2
9	Inhibition of aquaporin-1 prevents myocardial remodeling by blocking the transmembrane transport of hydrogen peroxide. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	39
10	Cardiomyocyte renewal in the failing heart: lessons from the neonate?. <i>Biophysical Reviews</i> , 2020, 12, 785-787.	1.5	3
11	Printed elastic membranes for multimodal pacing and recording of human stem-cell-derived cardiomyocytes. <i>Npj Flexible Electronics</i> , 2020, 4, .	5.1	8
12	Genes encoding ACE2, TMPRSS2 and related proteins mediating SARS-CoV-2 viral entry are upregulated with age in human cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 147, 88-91.	0.9	21
13	Diploid hepatocytes drive physiological liver renewal in adult humans. <i>Journal of Hepatology</i> , 2020, 73, S247.	1.8	1
14	Polyploidy in Cardiomyocytes. <i>Circulation Research</i> , 2020, 126, 552-565.	2.0	120
15	Clearing up the mist: cardiomyocyte renewal in human hearts. <i>European Heart Journal</i> , 2019, 40, 1037-1038.	1.0	8
16	A Spatiotemporal Organ-Wide Gene Expression and Cell Atlas of the Developing Human Heart. <i>Cell</i> , 2019, 179, 1647-1660.e19.	13.5	470
17	Meningioma growth dynamics assessed by radiocarbon retrospective birth dating. <i>EBioMedicine</i> , 2018, 27, 176-181.	2.7	22
18	Dating the Heart: Exploring Cardiomyocyte Renewal in Humans. <i>Physiology</i> , 2017, 32, 33-41.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Cardiomyocyte renewal in the human heart: insights from the fall-out. <i>European Heart Journal</i> , 2017, 38, 2333-2342.	1.0	109
20	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. <i>Science</i> , 2016, 353, 78-82.	6.0	1,983
21	Caught Red-Handed. <i>Circulation Research</i> , 2016, 118, 3-5.	2.0	10
22	The H3K9 dimethyltransferases EHMT1/2 protect against pathological cardiac hypertrophy. <i>Journal of Clinical Investigation</i> , 2016, 127, 335-348.	3.9	99
23	Adult Neurogenesis in Humans. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018994.	2.3	203
24	Dynamics of Cell Generation and Turnover in the Human Heart. <i>Cell</i> , 2015, 161, 1566-1575.	13.5	923
25	No Evidence for Cardiomyocyte Number Expansion in Preadolescent Mice. <i>Cell</i> , 2015, 163, 1026-1036.	13.5	204
26	Cardiac regeneration in vivo: Mending the heart from within?. <i>Stem Cell Research</i> , 2014, 13, 523-531.	0.3	33
27	The age and genomic integrity of neurons after cortical stroke in humans. <i>Nature Neuroscience</i> , 2014, 17, 801-803.	7.1	108
28	Dynamics of Oligodendrocyte Generation and Myelination in the Human Brain. <i>Cell</i> , 2014, 159, 766-774.	13.5	374
29	Dynamics of Hippocampal Neurogenesis in Adult Humans. <i>Cell</i> , 2013, 153, 1219-1227.	13.5	1,523
30	Why Adults Need New Brain Cells. <i>Science</i> , 2013, 340, 695-696.	6.0	20
31	Granulocyte-Macrophage Progenitors (GMPs) Express Low Adhesive Potential and High CXCR-4 Levels. <i>Blood</i> , 2013, 122, 3698-3698.	0.6	0
32	Cardiomyocyte Renewal in Humans. <i>Circulation Research</i> , 2012, 110, e17-8; author reply e19-21.	2.0	45
33	Isolation of Cardiomyocyte Nuclei from Post-mortem Tissue. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	46
34	The Age of Olfactory Bulb Neurons in Humans. <i>Neuron</i> , 2012, 74, 634-639.	3.8	333
35	Identification of cardiomyocyte nuclei and assessment of ploidy for the analysis of cell turnover. <i>Experimental Cell Research</i> , 2011, 317, 188-194.	1.2	144
36	Abstract P036: Regional Characterization of Myocardial Renewal in Humans. <i>Circulation Research</i> , 2011, 109, .	2.0	0

#	ARTICLE	IF	CITATIONS
37	Notch induces cyclin-D1-dependent proliferation during a specific temporal window of neural differentiation in ES cells. <i>Developmental Biology</i> , 2010, 348, 153-166.	0.9	57
38	Evidence for Cardiomyocyte Renewal in Humans. <i>Science</i> , 2009, 324, 98-102.	6.0	2,679
39	Dynamics of fat cell turnover in humans. <i>Nature</i> , 2008, 453, 783-787.	13.7	1,914
40	Genetic manipulation of adult mouse neurogenic niches by in vivo electroporation. <i>Nature Methods</i> , 2008, 5, 189-196.	9.0	70
41	Dynamics of Fat Cell Turnover in Humans. <i>Obstetrical and Gynecological Survey</i> , 2008, 63, 577-578.	0.2	3
42	Subthalamic high frequency stimulation induced rotations are differentially mediated by D1 and D2 receptors. <i>Neuropharmacology</i> , 2004, 46, 974-983.	2.0	20