

# Sophie Brachat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4023099/publications.pdf>

Version: 2024-02-01

16  
papers

6,187  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

9072  
citing authors

#	ARTICLE	IF	CITATIONS
1	STING regulates peripheral nerve regeneration and colony stimulating factor 1 receptor (CSF1R) processing in microglia. <i>IScience</i> , 2021, 24, 103434.	4.1	5
2	Ten simple rules to power drug discovery with data science. <i>PLoS Computational Biology</i> , 2020, 16, e1008126.	3.2	14
3	Modulation of Microglia by Voluntary Exercise or CSF1R Inhibition Prevents Age-Related Loss of Functional Motor Units. <i>Cell Reports</i> , 2019, 29, 1539-1554.e7.	6.4	36
4	Continuous Digital Monitoring of Walking Speed in Frail Elderly Patients: Noninterventional Validation Study and Longitudinal Clinical Trial. <i>JMIR MHealth and UHealth</i> , 2019, 7, e15191.	3.7	39
5	GDF11 Increases with Age and Inhibits Skeletal Muscle Regeneration. <i>Cell Metabolism</i> , 2015, 22, 164-174.	16.2	439
6	Expansion of Human Mesenchymal Stromal Cells from Fresh Bone Marrow in a 3D Scaffold-Based System under Direct Perfusion. <i>PLoS ONE</i> , 2014, 9, e102359.	2.5	81
7	An Antibody Blocking Activin Type II Receptors Induces Strong Skeletal Muscle Hypertrophy and Protects from Atrophy. <i>Molecular and Cellular Biology</i> , 2014, 34, 606-618.	2.3	239
8	High-resolution chemical dissection of a model eukaryote reveals targets, pathways and gene functions. <i>Microbiological Research</i> , 2014, 169, 107-120.	5.3	142
9	Genomic and Proteomic Profiling Reveals Reduced Mitochondrial Function and Disruption of the Neuromuscular Junction Driving Rat Sarcopenia. <i>Molecular and Cellular Biology</i> , 2013, 33, 194-212.	2.3	228
10	Genetic circuitry of <i>Survival motor neuron</i> , the gene underlying spinal muscular atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2371-80.	7.1	37
11	Genomic Profiling Reveals That Transient Adipogenic Activation Is a Hallmark of Mouse Models of Skeletal Muscle Regeneration. <i>PLoS ONE</i> , 2013, 8, e71084.	2.5	63
12	Blockade of the Activin Receptor IIB Activates Functional Brown Adipogenesis and Thermogenesis by Inducing Mitochondrial Oxidative Metabolism. <i>Molecular and Cellular Biology</i> , 2012, 32, 2871-2879.	2.3	93
13	Contribution of Horizontal Gene Transfer to the Evolution of <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2005, 4, 1102-1115.	3.4	224
14	Phosphatidylinositol-dependent phospholipases C Plc2 and Plc3 of <i>Candida albicans</i> are dispensable for morphogenesis and host-pathogen interaction. <i>Research in Microbiology</i> , 2005, 156, 822-829.	2.1	10
15	The <i>Ashbya gossypii</i> Genome as a Tool for Mapping the Ancient <i>Saccharomyces cerevisiae</i> Genome. <i>Science</i> , 2004, 304, 304-307.	12.6	599
16	Functional profiling of the <i>Saccharomyces cerevisiae</i> genome. <i>Nature</i> , 2002, 418, 387-391.	27.8	3,988