

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 | Functional profiling of the <i>Saccharomyces cerevisiae</i> genome. <i>Nature</i> , 2002, 418, 387-391. | 27.8 | 3,938 |
| 2 | 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 |
| 3 | GDF11 Increases with Age and Inhibits Skeletal Muscle Regeneration. <i>Cell Metabolism</i> , 2015, 22, 164-174. | 16.2 | 439 |
| 4 | 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 |
| 5 | 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 |
| 6 | Contribution of Horizontal Gene Transfer to the Evolution of <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2005, 4, 1102-1115. | 3.4 | 224 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Ten simple rules to power drug discovery with data science. <i>PLoS Computational Biology</i> , 2020, 16, e1008126. | 3.2 | 14 |
| 15 | 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 |
| 16 | STING regulates peripheral nerve regeneration and colony stimulating factor 1 receptor (CSF1R) processing in microglia. <i>IScience</i> , 2021, 24, 103434. | 4.1 | 5 |