

Bo O Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,082
citations

430874

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434195

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36
all docs

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docs citations

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times ranked

5109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Leptin-Receptor-Expressing Mesenchymal Stromal Cells Represent the Main Source of Bone Formed by Adult Bone Marrow. <i>Cell Stem Cell</i> , 2014, 15, 154-168. | 11.1 | 1,034 |
| 2 | Bone marrow adipocytes promote the regeneration of stem cells and haematopoiesis by secreting SCF. <i>Nature Cell Biology</i> , 2017, 19, 891-903. | 10.3 | 359 |
| 3 | Leptin Receptor Promotes Adipogenesis and Reduces Osteogenesis by Regulating Mesenchymal Stromal Cells in Adult Bone Marrow. <i>Cell Stem Cell</i> , 2016, 18, 782-796. | 11.1 | 346 |
| 4 | Tissue clearing of both hard and soft tissue organs with the PEGASOS method. <i>Cell Research</i> , 2018, 28, 803-818. | 12.0 | 256 |
| 5 | A perisinusoidal niche for extramedullary haematopoiesis in the spleen. <i>Nature</i> , 2015, 527, 466-471. | 27.8 | 207 |
| 6 | Hematopoietic stem and progenitor cells regulate the regeneration of their niche by secreting Angiopoietin-1. <i>ELife</i> , 2015, 4, e05521. | 6.0 | 140 |
| 7 | VCAM-1+ macrophages guide the homing of HSPCs to a vascular niche. <i>Nature</i> , 2018, 564, 119-124. | 27.8 | 102 |
| 8 | Mettl3/Mettl14 methyltransferase complex regulates the quiescence of adult hematopoietic stem cells. <i>Cell Research</i> , 2018, 28, 952-954. | 12.0 | 97 |
| 9 | Tracing the skeletal progenitor transition during postnatal bone formation. <i>Cell Stem Cell</i> , 2021, 28, 2122-2136.e3. | 11.1 | 71 |
| 10 | Metabolic Imaging Reveals a Unique Preference of Symmetric Cell Division and Homing of Leukemia-Initiating Cells in an Endosteal Niche. <i>Cell Metabolism</i> , 2019, 29, 950-965.e6. | 16.2 | 49 |
| 11 | ERCC6L2 promotes DNA orientation-specific recombination in mammalian cells. <i>Cell Research</i> , 2020, 30, 732-744. | 12.0 | 41 |
| 12 | Histone H4 Lysine 12 Acetylation Regulates Telomeric Heterochromatin Plasticity in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2011, 7, e1001272. | 3.5 | 40 |
| 13 | A Versatile Tiling Light Sheet Microscope for Imaging of Cleared Tissues. <i>Cell Reports</i> , 2020, 33, 108349. | 6.4 | 37 |
| 14 | LepR-Expressing Stem Cells Are Essential for Alveolar Bone Regeneration. <i>Journal of Dental Research</i> , 2020, 99, 1279-1286. | 5.2 | 37 |
| 15 | Structural Analysis of Rtt106p Reveals a DNA Binding Role Required for Heterochromatin Silencing. <i>Journal of Biological Chemistry</i> , 2010, 285, 4251-4262. | 3.4 | 32 |
| 16 | Recent Transcription-induced Histone H3 Lysine 4 (H3K4) Methylation Inhibits Gene Reactivation. <i>Journal of Biological Chemistry</i> , 2011, 286, 34770-34776. | 3.4 | 28 |
| 17 | ANGPTL2-containing small extracellular vesicles from vascular endothelial cells accelerate leukemia progression. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 28 |
| 18 | Perivenous Stellate Cells Are the Main Source of Myofibroblasts and Cancer-Associated Fibroblasts Formed After Chronic Liver Injuries. <i>Hepatology</i> , 2021, 74, 1578-1594. | 7.3 | 26 |

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|----|---|------|-----------|
| 19 | Micropeptide PACMP inhibition elicits synthetic lethal effects by decreasing CtIP and poly(ADP-ribosyl)ation. <i>Molecular Cell</i> , 2022, 82, 1297-1312.e8. | 9.7 | 24 |
| 20 | RNA-splicing factor SART3 regulates translesion DNA synthesis. <i>Nucleic Acids Research</i> , 2018, 46, 4560-4574. | 14.5 | 23 |
| 21 | Microbiota-derived lactate promotes hematopoiesis and erythropoiesis by inducing stem cell factor production from leptin receptor+ niche cells. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1319-1331. | 7.7 | 21 |
| 22 | Leptin receptor-expressing cells represent a distinct subpopulation of notochord-derived cells and are essential for disc homeostasis. <i>Journal of Orthopaedic Translation</i> , 2020, 21, 91-99. | 3.9 | 18 |
| 23 | Luteinizing hormone signaling restricts hematopoietic stem cell expansion during puberty. <i>EMBO Journal</i> , 2018, 37, . | 7.8 | 16 |
| 24 | The modulation of apoptosis by cyclic AMP involves Akt and epidermal growth factor receptor. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1483-1495. | 2.8 | 10 |
| 25 | Swc4 positively regulates telomere length independently of its roles in NuA4 and SWR1 complexes. <i>Nucleic Acids Research</i> , 2020, 48, 12792-12803. | 14.5 | 8 |
| 26 | Suicidality in patients with primary diagnosis of panic disorder: A single-rate meta-analysis and systematic review. <i>Journal of Affective Disorders</i> , 2022, 300, 27-33. | 4.1 | 7 |
| 27 | C-KIT Expression Distinguishes Fetal from Postnatal Skeletal Progenitors. <i>Stem Cell Reports</i> , 2020, 14, 614-630. | 4.8 | 6 |
| 28 | Gray Matter Abnormalities in Patients with Chronic Primary Pain: A Coordinate-Based Meta-Analysis.. <i>Pain Physician</i> , 2022, 25, 1-13. | 0.4 | 4 |
| 29 | DNA polymerase δ promotes nonhomologous end joining upon etoposide exposure dependent on the scaffolding protein Kap1. <i>Journal of Biological Chemistry</i> , 2022, 298, 101861. | 3.4 | 2 |
| 30 | Associations of DNA methylation of HPA axis-related genes and neuroendocrine abnormalities in panic disorder. <i>Psychoneuroendocrinology</i> , 2022, 142, 105777. | 2.7 | 2 |
| 31 | The Sichuan Mental Health Survey: Methodology. <i>Frontiers in Psychiatry</i> , 2021, 12, 645355. | 2.6 | 0 |
| 32 | ANGPTL2-Containing Exosomes from Vascular Endothelial Cells Promote Leukemia Development. <i>Blood</i> , 2020, 136, 18-18. | 1.4 | 0 |