

Judith Staerk

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

6,123
citations

304743

22
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

7408
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Rapid genome editing by CRISPR-Cas9-POLD3 fusion. <i>ELife</i> , 2021, 10, . | 6.0 | 11 |
| 2 | DNMT3B deficiency alters mitochondrial biogenesis and $\hat{\pm}$ -ketoglutarate levels in human embryonic stem cells. <i>Stem Cells</i> , 2020, 38, 1409-1422. | 3.2 | 9 |
| 3 | Optic Atrophy 1 Controls Human Neuronal Development by Preventing Aberrant Nuclear DNA Methylation. <i>IScience</i> , 2020, 23, 101154. | 4.1 | 20 |
| 4 | Targeted Metabolic Profiling of Methionine Cycle Metabolites and Redox Thiol Pools in Mammalian Plasma, Cells and Urine. <i>Metabolites</i> , 2019, 9, 235. | 2.9 | 26 |
| 5 | The kinase PERK and the transcription factor ATF4 play distinct and essential roles in autophagy resulting from tunicamycin-induced ER stress. <i>Journal of Biological Chemistry</i> , 2019, 294, 8197-8217. | 3.4 | 113 |
| 6 | Modern Ways of Obtaining Stem Cells. , 2019, , 17-36. | | 3 |
| 7 | Transdifferentiationâ€”Changing Cell Identity. , 2019, , 37-56. | | 1 |
| 8 | Cytokinesis arrest and multiple centrosomes in B cell chronic lymphocytic leukaemia. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2846-2855. | 3.6 | 3 |
| 9 | Changes of 5-hydroxymethylcytosine distribution during myeloid and lymphoid differentiation of CD34+ cells. <i>Epigenetics and Chromatin</i> , 2016, 9, 21. | 3.9 | 19 |
| 10 | His499 Regulates Dimerization and Prevents Oncogenic Activation by Asparagine Mutations of the Human Thrombopoietin Receptor. <i>Journal of Biological Chemistry</i> , 2016, 291, 2974-2987. | 3.4 | 29 |
| 11 | Metastable Pluripotent States in NOD-Mouse-Derived ESCs. <i>Cell Stem Cell</i> , 2015, 16, 566-568. | 11.1 | 0 |
| 12 | The JAK-STAT pathway and hematopoietic stem cells from the JAK2 V617F perspective. <i>Jak-stat</i> , 2012, 1, 184-190. | 2.2 | 39 |
| 13 | Thrombopoietin receptor down-modulation by JAK2 V617F: restoration of receptor levels by inhibitors of pathologic JAK2 signaling and of proteasomes. <i>Blood</i> , 2012, 119, 4625-4635. | 1.4 | 49 |
| 14 | Panâ€”Src Family Kinase Inhibitors Replace Sox2 during the Direct Reprogramming of Somatic Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5734-5736. | 13.8 | 48 |
| 15 | Orientation-specific signalling by thrombopoietin receptor dimers. <i>EMBO Journal</i> , 2011, 30, 4398-4413. | 7.8 | 83 |
| 16 | Reprogramming of Human Peripheral Blood Cells to Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2010, 7, 20-24. | 11.1 | 377 |
| 17 | Induction of myeloproliferative disorder and myelofibrosis by thrombopoietin receptor W515 mutants is mediated by cytosolic tyrosine 112 of the receptor. <i>Blood</i> , 2010, 115, 1037-1048. | 1.4 | 68 |
| 18 | Acute Lymphoblastic Leukemia-associated JAK1 Mutants Activate the Janus Kinase/STAT Pathway via Interleukin-9 Receptor $\hat{\pm}$ Homodimers. <i>Journal of Biological Chemistry</i> , 2009, 284, 6773-6781. | 3.4 | 63 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Reprogramming of murine fibroblasts to induced pluripotent stem cells with chemical complementation of Klf4. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8912-8917. | 7.1 | 363 |
| 20 | Metastable Pluripotent States in NOD-Mouse-Derived ESCs. Cell Stem Cell, 2009, 4, 513-524. | 11.1 | 318 |
| 21 | Metastable Pluripotent States in NOD-Mouse-Derived ESCs. Cell Stem Cell, 2009, 5, 124. | 11.1 | 2 |
| 22 | A drug-inducible transgenic system for direct reprogramming of multiple somatic cell types. Nature Biotechnology, 2008, 26, 916-924. | 17.5 | 395 |
| 23 | Substitution of Pseudokinase Domain Residue Val-617 by Large Non-polar Amino Acids Causes Activation of JAK2. Journal of Biological Chemistry, 2008, 283, 12941-12948. | 3.4 | 59 |
| 24 | The ubiquitin-mediated degradation of Jak1 modulates osteoclastogenesis by limiting interferon- γ -induced inhibitory signaling. Blood, 2008, 111, 885-893. | 1.4 | 39 |
| 25 | The myeloproliferative disorder-associated JAK2 V617F mutant escapes negative regulation by suppressor of cytokine signaling 3. Blood, 2007, 109, 4924-4929. | 1.4 | 112 |
| 26 | JAK2, the JAK2 V617F mutant and cytokine receptors. Pathologie Et Biologie, 2007, 55, 88-91. | 2.2 | 23 |
| 27 | An amphipathic motif at the transmembrane-cytoplasmic junction prevents autonomous activation of the thrombopoietin receptor. Blood, 2006, 107, 1864-1871. | 1.4 | 137 |
| 28 | A unique clonal JAK2 mutation leading to constitutive signalling causes polycythaemia vera. Nature, 2005, 434, 1144-1148. | 27.8 | 3,221 |
| 29 | Janus Kinases Affect Thrombopoietin Receptor Cell Surface Localization and Stability. Journal of Biological Chemistry, 2005, 280, 27251-27261. | 3.4 | 147 |
| 30 | JAK1 and Tyk2 Activation by the Homologous Polycythemia Vera JAK2 V617F Mutation. Journal of Biological Chemistry, 2005, 280, 41893-41899. | 3.4 | 151 |
| 31 | Active and Inactive Orientations of the Transmembrane and Cytosolic Domains of the Erythropoietin Receptor Dimer. Molecular Cell, 2003, 12, 1239-1250. | 9.7 | 193 |
| 32 | Optic Atrophy 1 Controls Human Neuronal Development by Preventing Aberrant Nuclear DNA Methylation. SSRN Electronic Journal, 0, , . | 0.4 | 0 |