# Selami Demirci

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5350650/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 61 papers | 1,417 citations | 361045 20 h-index | 377514 34 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 2150 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Preventive Effects of Boron-Based Gel on Radiation Dermatitis in Patients Being Treated for Breast Cancer: A Phase III Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Oncology Research and Treatment, 2022, 45, 197-204. | 0.8 | 3 |
| 2 | Protective role of Cytoglobin and Neuroglobin against the Lipopolysaccharide (LPS)-induced inflammation in Leydig cells ex vivo. Reproductive Biology, 2022, 22, 100595. | 0.9 | 5 |
| 3 | A macaque clonal hematopoiesis model demonstrates expansion of TET2-disrupted clones and utility forÂtesting interventions. Blood, 2022, 140, 1774-1789. | 0.6 | 13 |
| 4 | Urinary cellâ€free extrachromosomal circular DNAs: A possible biomarker for chronic kidney disease. Clinical and Translational Medicine, 2022, 12, . | 1.7 | 1 |
| 5 | Sustained fetal hemoglobin induction in vivo is achieved by BCL11A interference and coexpressed truncated erythropoietin receptor. Science Translational Medicine, 2021, 13, . | 5.8 | 6 |
| 6 | Preclinical evaluation for engraftment of CD34+ cells gene-edited at the sickle cell disease locus in xenograft mouse and non-human primate models. Cell Reports Medicine, 2021, 2, 100247. | 3.3 | 15 |
| 7 | Cas9 protein delivery non-integrating lentiviral vectors for gene correction in sickle cell disease. Molecular Therapy - Methods and Clinical Development, 2021, 21, 121-132. | 1.8 | 25 |
| 8 | CRISPR-Cas9 to induce fetal hemoglobin for the treatment of sickle cell disease. Molecular Therapy - Methods and Clinical Development, 2021, 23, 276-285. | 1.8 | 13 |
| 9 | Regenerative Effect of Resorbable Scaffold Embedded Boron-Nitride/Hydroxyapatite Nanoparticles in Rat Parietal Bone. Journal of Nanoscience and Nanotechnology, 2020, 20, 680-691. | 0.9 | 8 |
| 10 | Definitive hematopoietic stem/progenitor cells from human embryonic stem cells through serum/feeder-free organoid-induced differentiation. Stem Cell Research and Therapy, 2020, 11, 493. | 2.4 | 13 |
| 11 | Hematopoietic stem cells from pluripotent stem cells: Clinical potential, challenges, and future perspectives. Stem Cells Translational Medicine, 2020, 9, 1549-1557. | 1.6 | 43 |
| 12 | Genome editing strategies for fetal hemoglobin induction in beta-hemoglobinopathies. Human Molecular Genetics, 2020, 29, R100-R106. | 1.4 | 15 |
| 13 | Î²T87Q-Globin Gene Therapy Reduces Sickle Hemoglobin Production, Allowing for ExÂVivo Anti-sickling Activity in Human Erythroid Cells. Molecular Therapy - Methods and Clinical Development, 2020, 17, 912-921. | 1.8 | 13 |
| 14 | Biallelic correction of sickle cell diseaseâ€derived induced pluripotent stem cells (iPSCs) confirmed at the protein level through serumâ€free iPSâ€sac/erythroid differentiation. Stem Cells Translational Medicine, 2020, 9, 590-602. | 1.6 | 17 |
| 15 | BCL11A enhancerâ€“edited hematopoietic stem cells persist in rhesus monkeys without toxicity. Journal of Clinical Investigation, 2020, 130, 6677-6687. | 3.9 | 54 |
| 16 | Boron containing compounds promote the survival and the maintenance of pancreatic Î²-cells. Molecular Biology Reports, 2019, 46, 5465-5478. | 1.0 | 11 |
| 17 | Development of a forward-oriented therapeutic lentiviral vector for hemoglobin disorders. Nature Communications, 2019, 10, 4479. | 5.8 | 21 |
| 18 | CRISPR/Cas9 for Sickle Cell Disease: Applications, Future Possibilities, and Challenges. Advances in Experimental Medicine and Biology, 2019, 1144, 37-52. | 0.8 | 37 |

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|---|---|---|---|
| 19 | Fetal hemoglobin and F-cell variance in mobilized CD34+ cell-transplanted rhesus monkeys. Experimental Hematology, 2019, 75, 21-25.e1. | 0.2 | 3 |
| 20 | Design and synthesis of phenylpiperazine derivatives as potent anticancer agents for prostate cancer. Chemical Biology and Drug Design, 2019, 94, 1584-1595. | 1.5 | 12 |
| 21 | Aberrant Clonal Hematopoiesis following Lentiviral Vector Transduction of HSPCs in a Rhesus Macaque. Molecular Therapy, 2019, 27, 1074-1086. | 3.7 | 34 |
| 22 | High-Efficiency Lentiviral Transduction of Human CD34+ Cells in High-Density Culture with Poloxamer and Prostaglandin E2. Molecular Therapy - Methods and Clinical Development, 2019, 13, 187-196. | 1.8 | 31 |
| 23 | Bone marrow characterization in sickle cell disease: inflammation and stress erythropoiesis lead to suboptimal CD34 recovery. British Journal of Haematology, 2019, 186, 286-299. | 1.2 | 49 |
| 24 | Low-Dose Busulfan Reduces Human CD34+ Cell Doses Required for Engraftment in c-kit Mutant Immunodeficient Mice. Molecular Therapy - Methods and Clinical Development, 2019, 15, 430-437. | 1.8 | 21 |
| 25 | The effects of bisphosphonates on osteonecrosis of jaw bone: a stem cell perspective. Molecular Biology Reports, 2019, 46, 763-776. | 1.0 | 9 |
| 26 | Preclinical Evaluation for Engraftment of Gene-Edited CD34+ Cells with a Sickle Cell Disease Mutation in a Rhesus Transplantation Model. Blood, 2019, 134, 609-609. | 0.6 | 2 |
| 27 | Durable and Robust Fetal Globin Induction without Anemia in Rhesus Monkeys Following Autologous Hematopoietic Stem Cell Transplant with BCL11A Erythroid Enhancer Editing. Blood, 2019, 134, 4632-4632. | 0.6 | 6 |
| 28 | Mesenchymal Stem Cell Isolation from Pulp Tissue and Co-Culture with Cancer Cells to Study Their Interactions. Journal of Visualized Experiments, 2019, , . | 0.2 | 6 |
| 29 | Effects of boric acid-linked ampicillin on the rat intra-abdominal sepsis model. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 477-481. | 0.2 | 1 |
| 30 | High-level embryonic globin production with efficient erythroid differentiation from a K562 erythroleukemia cell line. Experimental Hematology, 2018, 62, 7-16.e1. | 0.2 | 10 |
| 31 | Anticancer activity of Schiff baseâ€“Poloxamer P85 combination against kidney cancer. International Urology and Nephrology, 2018, 50, 247-255. | 0.6 | 3 |
| 32 | Cytoglobin inhibits migration through PI3K/AKT/mTOR pathway in fibroblast cells. Molecular and Cellular Biochemistry, 2018, 437, 133-142. | 1.4 | 19 |
| 33 | Robust erythroid differentiation system for rhesus hematopoietic progenitor cells allowing preclinical screening of genetic treatment strategies for the hemoglobinopathies. Cytotherapy, 2018, 20, 1278-1287. | 0.3 | 6 |
| 34 | Serum-free Erythroid Differentiation for Efficient Genetic Modification and High-Level Adult Hemoglobin Production. Molecular Therapy - Methods and Clinical Development, 2018, 9, 247-256. | 1.8 | 12 |
| 35 | Gene therapy for sickle cell disease: An update. Cytotherapy, 2018, 20, 899-910. | 0.3 | 84 |
| 36 | Definitive Erythropoiesis from Pluripotent Stem Cells: Recent Advances and Perspectives. Advances in Experimental Medicine and Biology, 2018, 1107, 1-13. | 0.8 | 5 |

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|---|---|---|---|
| 37 | A new hope for obesity management: Boron inhibits adipogenesis in progenitor cells through the Wnt/Î²-catenin pathway. Metabolism: Clinical and Experimental, 2017, 69, 130-142. | 1.5 | 39 |
| 38 | Poloxamer P85 increases anticancer activity of Schiff base against prostate cancer in vitro and in vivo. Anti-Cancer Drugs, 2017, 28, 869-879. | 0.7 | 6 |
| 39 | Schiff base-Poloxamer P85 combination demonstrates chemotherapeutic effect on prostate cancer cells in vitro. Biomedicine and Pharmacotherapy, 2017, 86, 492-501. | 2.5 | 15 |
| 40 | Cytoglobin: a potential marker for adipogenic differentiation in preadipocytes in vitro. Cytotechnology, 2017, 69, 157-165. | 0.7 | 7 |
| 41 | Anticandidal activity of hetero-dinuclear copper(II) Mn(II) Schiff base and its potential action of the mechanism. World Journal of Microbiology and Biotechnology, 2017, 33, 202. | 1.7 | 2 |
| 42 | Dental pulp stem cells (DPSCs) increase prostate cancer cell proliferation and migration under in vitro conditions. Tissue and Cell, 2017, 49, 711-718. | 1.0 | 24 |
| 43 | Dental Stem Cells vs. Other Mesenchymal Stem Cells: Their Pluripotency and Role in Regenerative Medicine. Pancreatic Islet Biology, 2016, , 109-124. | 0.1 | 5 |
| 44 | Boron promotes streptozotocin-induced diabetic wound healing: roles in cell proliferation and migration, growth factor expression, and inflammation. Molecular and Cellular Biochemistry, 2016, 417, 119-133. | 1.4 | 68 |
| 45 | Schiff Base-Poloxamer P85 Combination Prevents Prostate Cancer Progression in C57/Bl6 Mice. Prostate, 2016, 76, 1454-1463. | 1.2 | 6 |
| 46 | Myogenic and neurogenic differentiation of human tooth germ stem cells (hTGSCs) are regulated by pluronic block copolymers. Cytotechnology, 2016, 68, 319-329. | 0.7 | 13 |
| 47 | Relationship Not Found Between Blood and Urine Concentrations and Body Mass Index in Humans With Apparently Adequate Boron Status. Biological Trace Element Research, 2016, 171, 246-250. | 1.9 | 9 |
| 48 | Antibacterial and cytotoxic properties of boron-containing dental composite. Turkish Journal of Biology, 2015, 39, 417-426. | 2.1 | 16 |
| 49 | Dose-dependent Effect of Boric Acid on Myogenic Differentiation of Human Adipose-derived Stem Cells (hADSCs). Biological Trace Element Research, 2015, 165, 123-130. | 1.9 | 22 |
| 50 | In vitro differentiation of human tooth germ stem cells into endothelialâ€•and epithelialâ€like cells. Cell Biology International, 2015, 39, 94-103. | 1.4 | 29 |
| 51 | Boron and Poloxamer (F68 and F127) Containing Hydrogel Formulation for Burn Wound Healing. Biological Trace Element Research, 2015, 168, 169-180. | 1.9 | 80 |
| 52 | A Schiff base derivative for effective treatment of diethylnitrosamine-induced liver cancer in vivo. Anti-Cancer Drugs, 2015, 26, 555-564. | 0.7 | 20 |
| 53 | HMG-CoA reductase inhibitor rosuvastatin improves abnormal brain electrical activity via mechanisms involving eNOS. Neuroscience, 2015, 284, 349-359. | 1.1 | 32 |
| 54 | Sodium Pentaborate Pentahydrate and Pluronic Containing Hydrogel Increases Cutaneous Wound Healing In Vitro and In Vivo. Biological Trace Element Research, 2014, 162, 72-79. | 1.9 | 33 |

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|---|---|---|---|
| 55 | Development of durable antimicrobial surfaces containing silver- and zinc-ionâ€“exchanged zeolites. Turkish Journal of Biology, 2014, 38, 420-427. | 2.1 | 10 |
| 56 | Determination of antimicrobial properties of Picaridin and DEET against a broad range of microorganisms. World Journal of Microbiology and Biotechnology, 2014, 30, 407-411. | 1.7 | 19 |
| 57 | Antimicrobial Properties of Zeolite-X and Zeolite-A Ion-Exchanged with Silver, Copper, and Zinc Against a Broad Range of Microorganisms. Applied Biochemistry and Biotechnology, 2014, 172, 1652-1662. | 1.4 | 130 |
| 58 | Boron containing poly-(lactide-co-glycolide) (PLGA) scaffolds for bone tissue engineering. Materials Science and Engineering C, 2014, 44, 246-253. | 3.8 | 63 |
| 59 | Improvements of Tolerance to Stress Conditions by Genetic Engineering in Saccharomyces Cerevisiae during Ethanol Production. Applied Biochemistry and Biotechnology, 2014, 174, 28-42. | 1.4 | 47 |
| 60 | Boron increases the cell viability of mesenchymal stem cells after long-term cryopreservation. Cryobiology, 2014, 68, 139-146. | 0.3 | 34 |
| 61 | Boron Enhances Odontogenic and Osteogenic Differentiation of Human Tooth Germ Stem Cells (hTGSCs) In Vitro. Biological Trace Element Research, 2013, 153, 419-427. | 1.9 | 61 |