

Michael Alexander

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9613123/publications.pdf>

Version: 2024-02-01

28
papers

509
citations

840776

11
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

706
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Physiologic Insulin Resensitization as a Treatment Modality for Insulin Resistance Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1884. | 4.1 | 5 |
| 2 | Comparison of islet isolation result and clinical applicability according to GMP-grade collagenase enzyme blend in adult porcine islet isolation and culture. <i>Xenotransplantation</i> , 2021, 28, e12703. | 2.8 | 5 |
| 3 | An overview of current advancements in pancreatic islet transplantation into the omentum. <i>Islets</i> , 2021, 13, 115-120. | 1.8 | 12 |
| 4 | Necrostatin-1 Supplementation to Islet Tissue Culture Enhances the In-Vitro Development and Graft Function of Young Porcine Islets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8367. | 4.1 | 5 |
| 5 | Exploring Insulin Production Following Alveolar Islet Transplantation (AIT). <i>International Journal of Molecular Sciences</i> , 2021, 22, 10185. | 4.1 | 1 |
| 6 | Cryopreservation: An Overview of Principles and Cell-Specific Considerations. <i>Cell Transplantation</i> , 2021, 30, 096368972199961. | 2.5 | 97 |
| 7 | Necrostatin-1 supplementation enhances young porcine islet maturation and in vitro function. <i>Xenotransplantation</i> , 2020, 27, e12555. | 2.8 | 18 |
| 8 | Characterization of chelator-mediated recovery of pancreatic islets from barium-stabilized alginate microcapsules. <i>Xenotransplantation</i> , 2020, 27, e12554. | 2.8 | 5 |
| 9 | Islet Transplantation in the Lung via Endoscopic Aerosolization: Investigation of Feasibility, Islet Cluster Cell Vitality, and Structural Integrity. <i>Cell Transplantation</i> , 2020, 29, 096368972094924. | 2.5 | 1 |
| 10 | Comparison of Islet Characterization from Use of Standard Crude Collagenase to GMP-Grade Collagenase Enzyme Blends in Prewaned Porcine Islet Isolations. <i>Cell Transplantation</i> , 2020, 29, 096368972097783. | 2.5 | 2 |
| 11 | Optimal Time to Ship Human Islets Post Tissue Culture to Maximize Islet. <i>Cell Transplantation</i> , 2020, 29, 096368972097458. | 2.5 | 4 |
| 12 | Controlled Release of Stem Cell Secretome Attenuates Inflammatory Response against Implanted Biomaterials. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901874. | 7.6 | 10 |
| 13 | The Effect of a Fast-Releasing Hydrogen Sulfide Donor on Vascularization of Subcutaneous Scaffolds in Immunocompetent and Immunocompromised Mice. <i>Biomolecules</i> , 2020, 10, 722. | 4.0 | 4 |
| 14 | In Quest of Pathognomonic/Endophenotypic Markers of Attention Deficit Hyperactivity Disorder (ADHD): Potential of EEG-Based Frequency Analysis and ERPs to Better Detect, Prevent and Manage ADHD. <i>Medical Devices: Evidence and Research</i> , 2020, Volume 13, 115-137. | 0.8 | 9 |
| 15 | Functionalization of Alginate with Extracellular Matrix Peptides Enhances Viability and Function of Encapsulated Porcine Islets. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000102. | 7.6 | 15 |
| 16 | Dose-dependent effects of necrostatin-1 supplementation to tissue culture media of young porcine islets. <i>PLoS ONE</i> , 2020, 15, e0243506. | 2.5 | 7 |
| 17 | Evaluation of Cycloferin Supplement on Health Parameters in Experimentally Induced Diabetic Rats with and Without Exogenous Insulin. <i>Journal of Dietary Supplements</i> , 2019, 16, 454-462. | 2.6 | 2 |
| 18 | Cost and Scalability Analysis of Porcine Islet Isolation for Islet Transplantation: Comparison of Juvenile, Neonatal and Adult Pigs. <i>Cell Transplantation</i> , 2019, 28, 967-972. | 2.5 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effects of Periodic Intensive Insulin Therapy: An Updated Review. <i>Current Therapeutic Research</i> , 2019, 90, 61-67. | 1.2 | 13 |
| 20 | Improved cryopreservation yield of pancreatic islets using combination of lower dose permeable cryoprotective agents. <i>Cryobiology</i> , 2019, 88, 23-28. | 0.7 | 14 |
| 21 | Cryopreserved Alginate-Encapsulated Islets Can Restore Euglycemia in a Diabetic Animal Model Better than Cryopreserved Non-encapsulated Islets. <i>Cell Medicine</i> , 2019, 11, 215517901987664. | 5.0 | 7 |
| 22 | Characterisation of impaired wound healing in a preclinical model of induced diabetes using wide-field imaging and conventional immunohistochemistry assays. <i>International Wound Journal</i> , 2019, 16, 144-152. | 2.9 | 16 |
| 23 | Systematic review of islet cryopreservation. <i>Islets</i> , 2018, 10, 40-49. | 1.8 | 32 |
| 24 | In vitro characterization of neonatal, juvenile, and adult porcine islet oxygen demand, cell function, and transcriptomes. <i>Xenotransplantation</i> , 2018, 25, e12432. | 2.8 | 20 |
| 25 | Approaches in Immunotherapy, Regenerative Medicine, and Bioengineering for Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2018, 9, 1354. | 4.8 | 19 |
| 26 | Impact of donor age and weaning status on pancreatic exocrine and endocrine tissue maturation in pigs. <i>Xenotransplantation</i> , 2015, 22, 356-367. | 2.8 | 10 |
| 27 | Islet and Stem Cell Encapsulation for Clinical Transplantation. <i>Review of Diabetic Studies</i> , 2014, 11, 84-101. | 1.3 | 97 |
| 28 | Encapsulated Islet Transplantation: Strategies and Clinical Trials. <i>Immune Network</i> , 2013, 13, 235. | 3.6 | 57 |