

Efstathios Michalopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

603
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759233

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932
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologous Transplantation of Adipose-Derived Stem Cells Enhances Skin Graft Survival and Wound Healing in Diabetic Rats. <i>Annals of Plastic Surgery</i> , 2013, 71, 225-232.	0.9	97
2	Optimizing isolation culture and freezing methods to preserve Wharton's jelly's mesenchymal stem cell (MSC) properties: an MSC banking protocol validation for the Hellenic Cord Blood Bank. <i>Transfusion</i> , 2014, 54, 3108-3120.	1.6	68
3	Future Perspectives in Small-Diameter Vascular Graft Engineering. <i>Bioengineering</i> , 2020, 7, 160.	3.5	59
4	Development of Methods for Studying the Differentiation of Human Mesenchymal Stem Cells Under Cyclic Compressive Strain. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 252-262.	2.1	49
5	Administration of Adipose Derived Mesenchymal Stem Cells and Platelet Lysate in Erectile Dysfunction: A Single Center Pilot Study. <i>Bioengineering</i> , 2019, 6, 21.	3.5	34
6	Evaluation of Decellularization in Umbilical Cord Artery. <i>Transplantation Proceedings</i> , 2014, 46, 3232-3239.	0.6	30
7	Good mid-term outcomes after adipose-derived culture-expanded mesenchymal stem cells implantation in knee focal cartilage defects. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 502-508.	4.2	25
8	Mesenchymal stromal cells as potential immunomodulatory players in severe acute respiratory distress syndrome induced by SARS-CoV-2 infection. <i>World Journal of Stem Cells</i> , 2020, 12, 731-751.	2.8	21
9	Vitrified Human Umbilical Arteries as Potential Grafts for Vascular Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 285-299.	3.7	20
10	Optimization of Decellularization Procedure in Rat Esophagus for Possible Development of a Tissue Engineered Construct. <i>Bioengineering</i> , 2019, 6, 3.	3.5	17
11	Evaluation of a Decellularization Protocol for the Development of a Decellularized Tracheal Scaffold. <i>Anticancer Research</i> , 2019, 39, 145-150.	1.1	14
12	Evaluation of HLA-G Expression in Multipotent Mesenchymal Stromal Cells Derived from Vitrified Wharton's Jelly Tissue. <i>Bioengineering</i> , 2018, 5, 95.	3.5	13
13	Biocompatibility and Immunogenicity of Decellularized Allogeneic Aorta in the Orthotopic Rat Model. <i>Tissue Engineering - Part A</i> , 2019, 25, 399-415.	3.1	13
14	Insights into Biomechanical and Proteomic Characteristics of Small Diameter Vascular Grafts Utilizing the Human Umbilical Artery. <i>Biomedicines</i> , 2020, 8, 280.	3.2	13
15	Histological and biomechanical characterization of decellularized porcine pericardium as a potential scaffold for tissue engineering applications. <i>Bio-Medical Materials and Engineering</i> , 2017, 28, 477-488.	0.6	12
16	Short Term Results of Fibrin Gel Obtained from Cord Blood Units: A Preliminary in Vitro Study. <i>Bioengineering</i> , 2019, 6, 66.	3.5	12
17	The Combined Use of Stem Cells and Platelet Lysate Plasma for the Treatment of Erectile Dysfunction: A Pilot Study's 6 Months Results. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 14.	1.4	12
18	Evaluation of Peripheral Blood and Cord Blood Platelet Lysates in Isolation and Expansion of Multipotent Mesenchymal Stromal Cells. <i>Bioengineering</i> , 2018, 5, 19.	3.5	11

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19	Development of HLA-matched vascular grafts utilizing decellularized human umbilical artery. <i>Human Immunology</i> , 2018, 79, 855-860.	2.4	9
20	Recellularization potential of small diameter vascular grafts derived from human umbilical artery. <i>Bio-Medical Materials and Engineering</i> , 2019, 30, 61-71.	0.6	9
21	Successful short-term cryopreservation of volume-reduced cord blood units in a cryogenic mechanical freezer: effects on cell recovery, viability, and clonogenic potential. <i>Transfusion</i> , 2014, 54, 211-223.	1.6	8
22	Decellularized Human Umbilical Artery Used as Nerve Conduit. <i>Bioengineering</i> , 2018, 5, 100.	3.5	8
23	Efficient differentiation of vascular smooth muscle cells from Wharton's Jelly mesenchymal stromal cells using human platelet lysate: A potential cell source for small blood vessel engineering. <i>World Journal of Stem Cells</i> , 2020, 12, 203-221.	2.8	8
24	Effect of Cord Blood Platelet Gel on wound healing capacity of human Mesenchymal Stromal Cells. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102734.	1.0	7
25	Vitrified Wharton's jelly tissue as a biomaterial for multiple tissue engineering applications. <i>Gynecological Endocrinology</i> , 2020, 36, 139-142.	1.7	6
26	Mesenchymal stromal cell delivery as a potential therapeutic strategy against COVID-19: Promising evidence from <i>in vitro</i> results. <i>World Journal of Biological Chemistry</i> , 2022, 13, 47-65.	4.3	6
27	Interplay between mesenchymal stromal cells and immune system: clinical applications in immune-related diseases. <i>Exploration of Immunology</i> , 0, , .	0.3	5
28	Non-Inherited Maternal Antigens Identify Acceptable HLA Mismatches: A New Policy for the Hellenic Cord Blood Bank. <i>Bioengineering</i> , 2018, 5, 77.	3.5	3
29	Selection Criteria of Cord Blood Units for Platelet Gel Production: Proposed Directions from Hellenic Cord Blood Bank. Comment on Mallis et al. Short Term Results of Fibrin Gel Obtained from Cord Blood Units: A Preliminary <i>In Vitro</i> Study. <i>Bioengineering</i> 2019, 6, 66. <i>Bioengineering</i> , 2021, 8, 53.	3.5	3
30	Investigating the production of platelet lysate obtained from low volume Cord Blood Units: Focus on growth factor content and regenerative potential. <i>Transfusion and Apheresis Science</i> , 2022, 61, 103465.	1.0	3
31	Introduction to the Special Issue on Stem Cell and Biologic Scaffold Engineering. <i>Bioengineering</i> , 2019, 6, 72.	3.5	2
32	Optimizing Decellularization Strategies for the Efficient Production of Whole Rat Kidney Scaffolds. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 623-640.	3.7	2
33	Modern Approaches in Cardiovascular Disease Therapeutics: From Molecular Genetics to Tissue Engineering. <i>Bioengineering</i> , 2021, 8, 174.	3.5	2
34	The Future of Cord Blood Banks. , 2015, , 291-307.		1
35	Improved Repopulation Efficacy of Decellularized Small Diameter Vascular Grafts Utilizing the Cord Blood Platelet Lysate. <i>Bioengineering</i> , 2021, 8, 118.	3.5	1