

Branka Vulesevic

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

953
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1993
citing authors

#	ARTICLE	IF	CITATIONS
1	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. <i>Nature Medicine</i> , 2021, 27, 659-667.	30.7	188
2	A Collagen-Chitosan Hydrogel for Endothelial Differentiation and Angiogenesis. <i>Tissue Engineering - Part A</i> , 2010, 16, 3099-3109.	3.1	139
3	Methylglyoxal-Induced Endothelial Cell Loss and Inflammation Contribute to the Development of Diabetic Cardiomyopathy. <i>Diabetes</i> , 2016, 65, 1699-1713.	0.6	98
4	Safety and efficacy of composite collagen-silver nanoparticle hydrogels as tissue engineering scaffolds. <i>Nanoscale</i> , 2015, 7, 18789-18798.	5.6	83
5	Evaluation of a Collagen-Chitosan Hydrogel for Potential Use as a Pro-Angiogenic Site for Islet Transplantation. <i>PLoS ONE</i> , 2013, 8, e77538.	2.5	51
6	Trichostatin A Enhances Vascular Repair by Injected Human Endothelial Progenitors through Increasing the Expression of TAL1-Dependent Genes. <i>Cell Stem Cell</i> , 2014, 14, 644-657.	11.1	48
7	Injectable Small Intestine Submucosal Extracellular Matrix in an Acute Myocardial Infarction Model. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1686-1694.	1.3	40
8	Ex vivo generation of a highly potent population of circulating angiogenic cells using a collagen matrix. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 187-197.	1.9	37
9	Glyoxalase-1 overexpression in bone marrow cells reverses defective neovascularization in STZ-induced diabetic mice. <i>Cardiovascular Research</i> , 2014, 101, 306-316.	3.8	37
10	Urea transporter and glutamine synthetase regulation and localization in gulf toadfish gill. <i>Journal of Experimental Biology</i> , 2009, 212, 704-712.	1.7	35
11	Acid-base regulation in the plainfin midshipman (<i>Porichthys notatus</i>): an aglomerular marine teleost. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 1213-1225.	1.5	34
12	The role of integrin $\alpha 2$ in cell and matrix therapy that improves perfusion, viability and function of infarcted myocardium. <i>Biomaterials</i> , 2014, 35, 4749-4758.	11.4	34
13	Synthesis of Human Neutrophil Extracellular Traps Contributes to Angiopoietin-Mediated In Vitro Proinflammatory and Proangiogenic Activities. <i>Journal of Immunology</i> , 2018, 200, 3801-3813.	0.8	30
14	CRP Induces NETosis in Heart Failure Patients with or without Diabetes. <i>ImmunoHorizons</i> , 2019, 3, 378-388.	1.8	28
15	Subclinical Inflammation in Heart Failure: A Neutrophil Perspective. <i>Canadian Journal of Cardiology</i> , 2018, 34, 717-725.	1.7	16
16	Collagen-chitosan-laminin hydrogels for the delivery of insulin-producing tissue. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E397-E408.	2.7	12
17	Collagen matrix-induced expression of integrin $\alpha 2 \beta 3$ in circulating angiogenic cells can be targeted by matricellular protein CCN1 to enhance their function. <i>FASEB Journal</i> , 2015, 29, 1198-1207.	0.5	9
18	Neutrophils pro-inflammatory and anti-inflammatory cytokine release in patients with heart failure and reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 3855-3864.	3.1	9

#	ARTICLE	IF	CITATIONS
19	A Collagen-Chitosan Injectable Hydrogel Improves Cardiac Remodeling in a Mouse Model of Myocardial Infarction. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 886-894.	0.1	9
20	Reducing methylglyoxal as a therapeutic target for diabetic heart disease. <i>Biochemical Society Transactions</i> , 2014, 42, 523-527.	3.4	8
21	Tunable Collagen Hydrogels are Modified by the Therapeutic Agents They are Designed to Deliver. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1467-1483.	3.5	5
22	Clinical implications of left atrial size adjustment: Impact of obesity. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 561-569.	1.6	3
23	An injectable CCN1-collagen matrix for cardiac cell support and treatment of myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 84-85.	1.9	0