

# Sveva Bollini

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,967  
citations

218677

26  
h-index

243625

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g-index

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all docs

53  
docs citations

53  
times ranked

4235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Extracellular Vesicles from Human Amniotic Fluid Samples as Promising Theranostics. International Journal of Molecular Sciences, 2022, 23, 590.	4.1	11
2	Old, but gold? Not the case for the immune system when promoting systemic ageing. Cardiovascular Research, 2022, 118, e14-e16.	3.8	1
3	To serve and protect: a new heart patrolling and recycling role for macrophages. Cardiovascular Research, 2021, 117, e17-e20.	3.8	3
4	Scientists on the Spot: Repairing and restoring the heart. Cardiovascular Research, 2021, 117, e55-e56.	3.8	0
5	Comprehensive Profiling of Secretome Formulations from Fetal- and Perinatal Human Amniotic Fluid Stem Cells. International Journal of Molecular Sciences, 2021, 22, 3713.	4.1	14
6	Progress in cardiac research: from rebooting cardiac regeneration to a complete cell atlas of the heart. Cardiovascular Research, 2021, 117, 2161-2174.	3.8	23
7	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. Pharmacological Research, 2021, 168, 105581.	7.1	26
8	The Human Fetal and Adult Stem Cell Secretome Can Exert Cardioprotective Paracrine Effects against Cardiotoxicity and Oxidative Stress from Cancer Treatment. Cancers, 2021, 13, 3729.	3.7	10
9	The human amniotic fluid stem cell secretome triggers intracellular Ca <sup>2+</sup> oscillations, NF- $\kappa$ B nuclear translocation and tube formation in human endothelial colony-forming cells. Journal of Cellular and Molecular Medicine, 2021, 25, 8074-8086.	3.6	18
10	Scientists on the Spot: Cardiovascular ageing and stroke. Cardiovascular Research, 2021, 117, e169-e170.	3.8	0
11	“Veni, Vidi, Vici”™: how to arm your troops in the battlefield of cardiac repair. Cardiovascular Research, 2020, 116, e1-e4.	3.8	0
12	Scientists on the Spot: Rejuvenating the heart with RNA. Cardiovascular Research, 2020, 116, e182-e183.	3.8	0
13	ESC Congress 2020, the digital experience: a report from the ESC Scientists of Tomorrow. Cardiovascular Research, 2020, 116, e190-e192.	3.8	1
14	Young at Heart: Combining Strategies to Rejuvenate Endogenous Mechanisms of Cardiac Repair. Frontiers in Bioengineering and Biotechnology, 2020, 8, 447.	4.1	17
15	Message in a Bottle: Upgrading Cardiac Repair into Rejuvenation. Cells, 2020, 9, 724.	4.1	18
16	Supporting data on in vitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. Data in Brief, 2019, 25, 104324.	1.0	14
17	One step closer to finding the Fountain of Youth in our muscles: can we grow old while staying young at heart?. Cardiovascular Research, 2019, 115, e85-e87.	3.8	0
18	Reactivating endogenous mechanisms of cardiac regeneration via paracrine boosting using the human amniotic fluid stem cell secretome. International Journal of Cardiology, 2019, 287, 87-95.	1.7	57

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19	Beyond cardiomyocyte loss: Role of Notch in cardiac aging. <i>Journal of Cellular Physiology</i> , 2018, 233, 5670-5683.	4.1	11
20	Triggering Endogenous Cardiac Repair and Regeneration via Extracellular Vesicle-Mediated Communication. <i>Frontiers in Physiology</i> , 2018, 9, 1497.	2.8	33
21	The Amniotic Fluid Stem Cell Secretome. , 2018, , 21-37.		0
22	Cardiac Restoration Stemming From the Placenta Tree: Insights From Fetal and Perinatal Cell Biology. <i>Frontiers in Physiology</i> , 2018, 9, 385.	2.8	15
23	Human-Induced Pluripotent Stem Cell Technology and Cardiomyocyte Generation: Progress and Clinical Applications. <i>Cells</i> , 2018, 7, 48.	4.1	49
24	First Characterization of Human Amniotic Fluid Stem Cell Extracellular Vesicles as a Powerful Paracrine Tool Endowed with Regenerative Potential. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1340-1355.	3.3	104
25	Fetal and perinatal stem cells in cardiac regeneration: Moving forward to the paracrine era. <i>Placenta</i> , 2017, 59, 96-106.	1.5	32
26	BRG1-SWI/SNF-dependent regulation of the Wt1 transcriptional landscape mediates epicardial activity during heart development and disease. <i>Nature Communications</i> , 2017, 8, 16034.	12.8	69
27	Learning from Mother Nature: Innovative Tools to Boost Endogenous Repair of Critical or Difficult-to-Heal Large Tissue Defects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 28.	4.1	22
28	The human amniotic fluid stem cell secretome effectively counteracts doxorubicin-induced cardiotoxicity. <i>Scientific Reports</i> , 2016, 6, 29994.	3.3	52
29	Testosterone Antagonizes Doxorubicin-Induced Senescence of Cardiomyocytes. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	62
30	Cardiac lymphatics are heterogeneous in origin and respond to injury. <i>Nature</i> , 2015, 522, 62-67.	27.8	387
31	Thymosin $\beta$ 4: multiple functions in protection, repair and regeneration of the mammalian heart. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 163-174.	3.1	27
32	Amniotic fluid stem cells improve survival and enhance repair of damaged intestine in necrotising enterocolitis via a COX-2 dependent mechanism. <i>Gut</i> , 2014, 63, 300-309.	12.1	155
33	Dynamic haematopoietic cell contribution to the developing and adult epicardium. <i>Nature Communications</i> , 2014, 5, 4054.	12.8	35
34	Re-Activated Adult Epicardial Progenitor Cells Are a Heterogeneous Population Molecularly Distinct from Their Embryonic Counterparts. <i>Stem Cells and Development</i> , 2014, 23, 1719-1730.	2.1	86
35	Amniotic Fluid Stem Cells for Cardiac Regeneration. , 2014, , 3-15.		0
36	Thymosin $\beta$ 4-sulfoxide attenuates inflammatory cell infiltration and promotes cardiac wound healing. <i>Nature Communications</i> , 2013, 4, 2081.	12.8	66

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37	The Regenerative Role of the Fetal and Adult Stem Cell Secretome. <i>Journal of Clinical Medicine</i> , 2013, 2, 302-327.	2.4	59
38	Thymosin $\beta$ 4 Protein Therapy for Cardiac Repair. <i>Current Pharmaceutical Design</i> , 2012, 18, 799-806.	1.9	16
39	Myocardial regeneration: expanding the repertoire of thymosin $\beta$ 4 in the ischemic heart. <i>Annals of the New York Academy of Sciences</i> , 2012, 1269, 92-101.	3.8	35
40	De novo cardiomyocytes from within the activated adult heart after injury. <i>Nature</i> , 2011, 474, 640-644.	27.8	602
41	Resident cardiac progenitor cells: At the heart of regeneration. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 296-303.	1.9	149
42	Autologous Transplantation of Amniotic Fluid-Derived Mesenchymal Stem Cells into Sheep Fetuses. <i>Cell Transplantation</i> , 2011, 20, 1015-1031.	2.5	69
43	In Vitro and In Vivo Cardiomyogenic Differentiation of Amniotic Fluid Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 364-380.	5.6	82
44	Amniotic Fluid Stem Cells Are Cardioprotective Following Acute Myocardial Infarction. <i>Stem Cells and Development</i> , 2011, 20, 1985-1994.	2.1	104
45	Human Bone Marrow-Derived CD133 <sup>+</sup> Cells Delivered to a Collagen Patch on Cryoinjured Rat Heart Promote Angiogenesis and Arteriogenesis. <i>Cell Transplantation</i> , 2010, 19, 1247-1260.	2.5	34
46	Mesenchymal Stromal Cells Can Be Derived From Bone Marrow CD133 <sup>+</sup> Cells: Implications for Therapy. <i>Stem Cells and Development</i> , 2009, 18, 497-510.	2.1	33
47	Production of arrays of cardiac and skeletal muscle myofibers by micropatterning techniques on a soft substrate. <i>Biomedical Microdevices</i> , 2009, 11, 389-400.	2.8	78
48	Different Cardiovascular Potential of Adult- and Fetal-Type Mesenchymal Stem Cells in a Rat Model of Heart Cryoinjury. <i>Cell Transplantation</i> , 2008, 17, 679-694.	2.5	63
49	Human amniotic fluid-derived stem cells are rejected after transplantation in the myocardium of normal, ischemic, immuno-suppressed or immuno-deficient rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 746-759.	1.9	144
50	Neovascularization induced by porous collagen scaffold implanted on intact and cryoinjured rat hearts. <i>Biomaterials</i> , 2007, 28, 5449-5461.	11.4	74
51	Investigating the Paracrine Role of Perinatal Derivatives: Human Amniotic Fluid Stem Cell-Extracellular Vesicles Show Promising Transient Potential for Cardiomyocyte Renewal. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	1