Philippe MenaschÃ©

List of Publications by Year
in descending order

84 papers	8,521 citations	37 h-index (94433)	76 g-index (71685)
87 all docs	87 docs citations	87 times ranked	7683 citing authors

#	Article	IF	Citations
1	Autologous skeletal myoblast transplantation for severe postinfarction left ventricular dysfunction. Journal of the American College of Cardiology, 2003, 41, 1078-1083.	2.8	1,072
2	Myoblast transplantation for heart failure. Lancet, The, 2001, 357, 279-280.	13.7	1,044
3	The Myoblast Autologous Grafting in Ischemic Cardiomyopathy (MAGIC) Trial. Circulation, 2008, 117, 1189-1200.	1.6	878
4	Myoblasts transplanted into rat infarcted myocardium are functionally isolated from their host. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7808-7811.	7.1	466
5	Human embryonic stem cell-derived cardiac progenitors for severe heart failure treatment: first clinical case report: Figure 1. European Heart Journal, 2015, 36, 2011-2017.	2.2	383
6	Transplantation of Human Embryonic StemÂCellâ€"Derived Cardiovascular Progenitors for SevereÂIschemic LeftÂVentricular Dysfunction. Journal of the American College of Cardiology, 2018, 71, 429-438.	2.8	336
7	A purified population of multipotent cardiovascular progenitors derived from primate pluripotent stem cells engrafts in postmyocardial infarcted nonhuman primates. Journal of Clinical Investigation, 2010, 120, 1125-1139.	8.2	287
8	Viability and differentiation of autologous skeletal myoblast grafts in ischaemic cardiomyopathy. Lancet, The, 2003, 361, 491-492.	13.7	265
9	Fibers for hearts: A critical review on electrospinning for cardiac tissue engineering. Acta Biomaterialia, 2017, 48, 20-40.	8.3	230
10	Cell therapy trials for heart regeneration â€" lessons learned and future directions. Nature Reviews Cardiology, 2018, 15, 659-671.	13.7	200
11	Intra-Cardiac Release of Extracellular Vesicles Shapes Inflammation Following Myocardial Infarction. Circulation Research, 2018, 123, 100-106.	4.5	181
12	Cardiovascular progenitorâ€"derived extracellular vesicles recapitulate the beneficial effects of their parent cells in the treatment of chronic heart failure. Journal of Heart and Lung Transplantation, 2016, 35, 795-807.	0.6	161
13	Cardiac cell therapy: Lessons from clinical trials. Journal of Molecular and Cellular Cardiology, 2011, 50, 258-265.	1.9	153
14	Long-term efficacy of myoblast transplantation on regional structure and function after myocardial infarction. Circulation, 2002, 106, I131-6.	1.6	144
15	Effect of Levosimendan on Low Cardiac Output Syndrome in Patients With Low Ejection Fraction Undergoing Coronary Artery Bypass Grafting With Cardiopulmonary Bypass. JAMA - Journal of the American Medical Association, 2017, 318, 548.	7.4	143
16	Towards a clinical use of human embryonic stem cell-derived cardiac progenitors: a translational experience. European Heart Journal, 2015, 36, 743-750.	2.2	137
17	Acellular therapeutic approach for heart failure: inÂvitro production of extracellular vesicles from human cardiovascular progenitors. European Heart Journal, 2018, 39, 1835-1847.	2.2	137
18	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	2.2	133

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19	Skeletal Myoblasts as a Therapeutic Agent. Progress in Cardiovascular Diseases, 2007, 50, 7-17.	3.1	129
20	A 3D magnetic tissue stretcher for remote mechanical control of embryonic stem cell differentiation. Nature Communications, 2017, 8, 400.	12.8	123
21	Stem Cell Therapy for Heart Failure. Circulation, 2009, 119, 2735-2740.	1.6	122
22	Characterization of the paracrine effects of human skeletal myoblasts transplanted in infarcted myocardium. European Journal of Heart Failure, 2008, 10, 1065-1072.	7.1	119
23	Cell Delivery: Intramyocardial Injections or Epicardial Deposition? A Head-to-Head Comparison. Annals of Thoracic Surgery, 2009, 87, 1196-1203.	1.3	112
24	Exosomes secreted by hiPSC-derived cardiac cells improve recovery from myocardial infarction in swine. Science Translational Medicine, 2020, 12, .	12.4	112
25	Mast cells regulate myofilament calcium sensitization and heart function after myocardial infarction. Journal of Experimental Medicine, 2016, 213, 1353-1374.	8.5	97
26	ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure. Cardiovascular Research, 2019, 115, 488-500.	3.8	90
27	Long-term functional benefits of human embryonic stem cell-derived cardiac progenitors embedded into a fibrin scaffold. Journal of Heart and Lung Transplantation, 2015, 34, 1198-1207.	0.6	80
28	Recommendations for Successful Training on Methods of Delivery of Biologics for Cardiac Regeneration. JACC: Cardiovascular Interventions, 2010, 3, 265-275.	2.9	71
29	Nanofibrous clinical-grade collagen scaffolds seeded with human cardiomyocytes induces cardiac remodeling in dilated cardiomyopathy. Biomaterials, 2016, 80, 157-168.	11.4	65
30	Cell-based Therapy for Heart Disease: A Clinically Oriented Perspective. Molecular Therapy, 2009, 17, 758-766.	8.2	63
31	Thermoresponsive Gel Embedded with Adipose Stem-Cell-Derived Extracellular Vesicles Promotes Esophageal Fistula Healing in a Thermo-Actuated Delivery Strategy. ACS Nano, 2018, 12, 9800-9814.	14.6	60
32	Skeletal Myoblasts Preserve Remote Matrix Architecture and Global Function When Implanted Early or Late After Coronary Ligation Into Infarcted or Remote Myocardium. Circulation, 2008, 118, S130-S137.	1.6	57
33	Extracellular vesicles from human cardiovascular progenitors trigger a reparative immune response in infarcted hearts. Cardiovascular Research, 2021, 117, 292-307.	3.8	57
34	Clinical Translation of Pluripotent Stem Cell Therapies: Challenges and Considerations. Cell Stem Cell, 2019, 25, 594-606.	11.1	53
35	A polydioxanone electrospun valved patch to replace the right ventricular outflow tract in a growing lamb model. Biomaterials, 2010, 31, 4056-4063.	11.4	50
36	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. Cardiovascular Research, 2023, 119, 45-63.	3.8	44

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37	Current Status and Future Prospects for Cell Transplantation to Prevent Congestive Heart Failure. Seminars in Thoracic and Cardiovascular Surgery, 2008, 20, 131-137.	0.6	43
38	Development of extracellular vesicle-based medicinal products: A position paper of the group â€œExtracellular Vesicle translatiOn to clinicaL perspectiVEs â€“ EVOLVE Franceâ€. Advanced Drug Delivery Reviews, 2021, 179, 114001.	13.7	42
39	Basic and Translational Research in Cardiac Repair and Regeneration. Journal of the American College of Cardiology, 2021, 78, 2092-2105.	2.8	42
40	Can Magnetic Targeting of Magnetically Labeled Circulating Cells Optimize Intramyocardial Cell Retention?. Cell Transplantation, 2012, 21, 679-691.	2.5	41
41	CHIR99021 and fibroblast growth factor 1 enhance the regenerative potency of human cardiac muscle patch after myocardial infarction in mice. Journal of Molecular and Cellular Cardiology, 2020, 141, 1-10.	1.9	40
42	Cell transplantation for the treatment of heart failure. Seminars in Thoracic and Cardiovascular Surgery, 2002, 14, 157-166.	0.6	38
43	Fabrication of cardiac patch by using electrospun collagen fibers. Microelectronic Engineering, 2015, 144, 46-50.	2.4	37
44	Extracellular Vesicles and Biomaterial Design: New Therapies for Cardiac Repair. Trends in Molecular Medicine, 2021, 27, 231-247.	6.7	31
45	HEMO₂life as a protective additive to Celsior solution for static storage of donor hearts prior to transplantation. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 717-722.	2.8	27
46	The Evolution of the Stem Cell Theory for Heart Failure. EBioMedicine, 2015, 2, 1871-1879.	6.1	24
47	Polymer-Based Reconstruction of the Inferior Vena Cava in Rat: Stem Cells or RGD Peptide?. Tissue Engineering - Part A, 2015, 21, 1552-1564.	3.1	21
48	Insights into therapeutic products, preclinical research models, and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead. Current opinion paper of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine. Cardiovascular Research, 2021, 117, 1428-1433.	3.8	20
49	Stem cell therapy for chronic heart failure. Lessons from a 15-year experience. Comptes Rendus - Biologies, 2011, 334, 489-496.	0.2	19
50	Attrition of the cardiothoracic surgeon-scientist: Definition of the problem and remedial strategies. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 504-508.	0.8	18
51	In vitro controlled release of extracellular vesicles for cardiac repair from poly(glycerol sebacate) acrylate-based polymers. Acta Biomaterialia, 2020, 115, 92-103.	8.3	18
52	Cardiac cell therapy: Current status, challenges and perspectives. Archives of Cardiovascular Diseases, 2020, 113, 285-292.	1.6	18
53	Rationale and design of the multicenter randomized trial investigating the effects of levosimendan pretreatment in patients with low ejection fraction (â‰40 %) undergoing CABG with cardiopulmonary bypass (LICORN study). Journal of Cardiothoracic Surgery, 2016, 11, 127.	1.1	12
54	Inhibition of factor IXa by the pegnivacogin system during cardiopulmonary bypass: a potential substitute for heparin. A study in baboons. European Journal of Cardio-thoracic Surgery, 2016, 49, 682-689.	1.4	11

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55	Cardiac Cell Therapy Trials: Chronic Myocardial Infarction and Congestive Heart Failure. Journal of Cardiovascular Translational Research, 2008, 1, 201-206.	2.4	10
56	Extracellular vesicles fail to trigger the generation of new cardiomyocytes in chronically infarcted hearts. Theranostics, 2021, 11, 10114-10124.	10.0	10
57	Cell therapy for peripheral arterial disease. Current Opinion in Molecular Therapeutics, 2010, 12, 538-45.	2.8	10
58	Comparative Analysis of Methods to Induce Myocardial Infarction in a Closed-Chest Rabbit Model. BioMed Research International, 2015, 2015, 1-9.	1.9	9
59	Stem cells in the management of advanced heart failure. Current Opinion in Cardiology, 2015, 30, 179-185.	1.8	9
60	Long-Term Engraftment (16 Years) of Myoblasts in a Human Infarcted Heart. Stem Cells Translational Medicine, 2018, 7, 705-708.	3.3	9
61	Cell Therapy With Human ESC-Derived Cardiac Cells: Clinical Perspectives. Frontiers in Bioengineering and Biotechnology, 2020, 8, 601560.	4.1	9
62	The future of stem cells: Should we keep the â€œstemâ€•and skip the â€œcellsâ€?. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 345-349.	0.8	8
63	Multiple reoperations on the aortic valve: outcomes and implications for future potential valve-in-valve strategyâ€. European Journal of Cardio-thoracic Surgery, 2018, 53, 1251-1257.	1.4	8
64	Effect of severe acidosis on vasoactive effects of epinephrine and norepinephrine in human distal mammary artery. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1698-1705.	0.8	7
65	Stem cellâ€"derived exosomes and the failing heart: Small cause, big effect. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1089-1092.	0.8	7
66	Extracellular vesicles can be processed by electrospinning without loss of structure or function. Materials Letters, 2021, 282, 128671.	2.6	7
67	Challenging the Cardiac Differentiation of Bone Marrow Cells: A Clinical Perspective. Molecular Therapy, 2008, 16, 1000-1001.	8.2	6
68	Stem cells for the treatment of heart failure. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140373.	4.0	6
69	Transatlantic Editorial: Attrition of the Cardiothoracic Surgeon-Scientist: Definition ofÂtheÂProblem and Remedial Strategies. Annals of Thoracic Surgery, 2019, 108, 315-318.	1.3	6
70	Evaluation of a new model of hind limb ischemia in rabbits. Journal of Vascular Surgery, 2018, 68, 849-857.	1.1	5
71	Ten-year follow-up of unreplaced Valsalva sinuses after aortic valve replacement in bicuspid aortic valve disease. Archives of Cardiovascular Diseases, 2019, 112, 305-313.	1.6	4
72	Experimental Evaluation of Endovascular Fenestration Scissors in an Ovine Model of Aortic Dissection. European Journal of Vascular and Endovascular Surgery, 2018, 56, 373-380.	1.5	3

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73	Cellular Therapy in Thoracic and Cardiovascular Disease. Annals of Thoracic Surgery, 2007, 84, 339-342.	1.3	2
74	How Close Are We to Using Stem Cells in Routine Cardiac Therapy?. Canadian Journal of Cardiology, 2014, 30, 1265-1269.	1.7	2
75	CD133+ cells: How could they have an IMPACT?. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1589-1591.	0.8	2
76	Editorial Comment: Adenosine in heart transplants: have we finally found the good indication?. European Journal of Cardio-thoracic Surgery, 2013, 43, 1209-1210.	1.4	0
77	Do not throw the baby with the water bath!. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 557.	0.8	0
78	Building a bioartificial heart: A 3-song saga. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 744-747.	0.8	0
79	Will cardiac surgeons even turn pumpkins into carriages?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1647-1649.	0.8	0
80	Platelet vesicles help cardiac stem cells engraft. Nature Biomedical Engineering, 2018, 2, 4-5.	22.5	0
81	Editorial: Bioengineering and Biotechnology Approaches in Cardiovascular Sciences. Frontiers in Bioengineering and Biotechnology, 2021, 9, 746435.	4.1	0
82	Skeletal Myoblast Transplantation for Ischemic Heart Failure. , 2008, , 189-202.		0
83	VÃ©sicules extra cellulaires : nouveaux agents thÃ©rapeutiques pour la rÃ©paration cardiaque ?. Bulletin De L'Academie Nationale De Medecine, 2018, 202, 755-769.	0.0	0
84	Dynamic contrast enhanced â€“ MRI efficiency in detecting embolization-induced perfusion defects in a rabbit model of critical-limb-ischemia. Magnetic Resonance Imaging, 2022, 87, 88-96.	1.8	0