Stefan Dhein

List of Publications by Year
in descending order

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51 papers	1,799 citations	304743 22 h-index	265206 42 g-index
51 all docs	51 docs citations	51 times ranked	2379 citing authors

#	Article	IF	Citations
1	Avoiding implantation of aÂcardioverter-defibrillator by bridging with wearable defibrillator vest. Herz, 2021, 46, 172-177.	1.1	0
2	Remodeling of Cardiac Gap Junctional Cellâ€“Cell Coupling. Cells, 2021, 10, 2422.	4.1	32
3	Anti-oxidative or anti-inflammatory additives reduce ischemia/reperfusions injury in an animal model of cardiopulmonary bypass. Saudi Journal of Biological Sciences, 2020, 27, 18-29.	3.8	8
4	Changes in causes and age of death in an eastern German county over a period of 14Âyears. Comparison of rural and urban populations. Focus on COPD and ischemic heart disease. Zeitschrift Fur Gesundheitswissenschaften, 2020, 29, 753.	1.6	0
5	Effects of Hypoxia and Acidosis on Cardiac Electrophysiology and Hemodynamics. Is NHE-Inhibition by Cariporide Still Advantageous?. Frontiers in Physiology, 2020, 11, 224.	2.8	7
6	Golgi Fragmentation in Human Patients with Chronic Atrial Fibrillation: A New Aspect of Remodeling. Thoracic and Cardiovascular Surgeon, 2019, 67, 098-106.	1.0	8
7	Aspects of Methamphetamine Abuse in Adolescents and Young Adults in a Thuringian County. European Addiction Research, 2018, 24, 98-105.	2.4	7
8	Epigallocatechin Gallate Reduces Ischemia/Reperfusion Injury in Isolated Perfused Rabbit Hearts. International Journal of Molecular Sciences, 2018, 19, 628.	4.1	16
9	Connexins in Cardiovascular and Neurovascular Health and Disease: Pharmacological Implications. Pharmacological Reviews, 2017, 69, 396-478.	16.0	191
10	Olesoxime Inhibits Cardioplegia-Induced Ischemia/Reperfusion Injury. A Study in Langendorff-Perfused Rabbit Hearts. Frontiers in Physiology, 2017, 8, 324.	2.8	13
11	Effects of Î²-Adrenoceptor and Catechol-O-Methyl-Transferase (COMT) Polymorphism on Postoperative Outcome in Cardiac Surgery Patients. Medical Science Monitor Basic Research, 2017, 23, 223-233.	2.6	3
12	Reprogramming Bone Marrow Stem Cells to Functional Endothelial Cells in a Mini Pig Animal Model. Medical Science Monitor Basic Research, 2017, 23, 285-294.	2.6	5
13	Neuroprotective Strategies during Cardiac Surgery with Cardiopulmonary Bypass. International Journal of Molecular Sciences, 2016, 17, 1945.	4.1	33
14	Epigallocatechin gallate attenuates cardiopulmonary bypassâ€“associated lung injury. Journal of Surgical Research, 2016, 201, 313-325.	1.6	16
15	Intraâ€Aortic Balloon Pump Malposition Reduces Visceral Artery Perfusion in an Acute Animal Model. Artificial Organs, 2016, 40, 334-340.	1.9	2
16	Hippocampal Neuroprotection by Minocycline and Epigalloâ€Catechinâ€3â€Gallate Against Cardiopulmonary Bypassâ€Associated Injury. Brain Pathology, 2015, 25, 733-742.	4.1	14
17	Autocrine Control of Angiogenesis by Endogenous Acetylcholine in an In Vitro Model Using Human Endothelial Cells. Journal of Cardiovascular Pharmacology, 2015, 65, 508-515.	1.9	7
18	Strategies for Pharmacological Organoprotection during Extracorporeal Circulation Targeting Ischemia-Reperfusion Injury. Frontiers in Pharmacology, 2015, 6, 296.	3.5	26

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19	Effect of Angiotensin(1-7) on Heart Function in an Experimental Rat Model of Obesity. Frontiers in Physiology, 2015, 6, 392.	2.8	6
20	Effects of isoprenaline on endothelial connexins and angiogenesis in a human endothelial cell culture system. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 101-108.	3.0	9
21	Organ-protective effects on the liver and kidney by minocycline in small piglets undergoing cardiopulonary bypass. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 663-676.	3.0	13
22	Effects of minocycline on parameters of cardiovascular recovery after cardioplegic arrest in a rabbit Langendorff heart model. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1258-1265.	1.9	15
23	Protective Effects of Pulsatile Flow During Cardiopulmonary Bypass. Annals of Thoracic Surgery, 2015, 99, 192-199.	1.3	30
24	Minimally Invasive Segmental Artery Coil Embolization for Preconditioning of the Spinal Cord Collateral Network before One-Stage Descending and Thoracoabdominal Aneurysm Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2014, 9, 60-65.	0.9	7
25	Remodeling of cardiac passive electrical properties and susceptibility to ventricular and atrial arrhythmias. Frontiers in Physiology, 2014, 5, 424.	2.8	57
26	Mechanical control of cell biology. Effects of cyclic mechanical stretch on cardiomyocyte cellular organization. Progress in Biophysics and Molecular Biology, 2014, 115, 93-102.	2.9	52
27	Arrhythmogenic effects by local left ventricular stretch: effects of flecainide and streptomycin. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 763-775.	3.0	7
28	On the Role of the Gap Junction Protein Cx43 (GJA1) in Human Cardiac Malformations with Fallot-Pathology. A Study on Paediatric Cardiac Specimen. PLoS ONE, 2014, 9, e95344.	2.5	15
29	Effects of mechanical forces and stretch on intercellular gap junction coupling. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 147-156.	2.6	67
30	Reno-protective effects of epigallocatechingallate in a small piglet model of extracorporeal circulation. Pharmacological Research, 2013, 67, 68-78.	7.1	16
31	Cerebral Protection during Controlled Hypoperfusion in a Piglet Model: Comparison of Moderate (25Â°C) versus Deep (18Â°C) Hypothermia at Various Flow Rates Using Intraoperative Measurements and Ex vivo Investigation. Thoracic and Cardiovascular Surgeon, 2013, 61, 546-552.	1.0	7
32	The Reverse Remodeling Effect of Mesenchymal Stem Cells is Independent from the Site of Epimyocardial Cell Transplantation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2013, 8, 433-439.	0.9	0
33	Desipramine prevents cardiac gap junction uncoupling. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 1063-1075.	3.0	5
34	Knock-down of endothelial connexins impairs angiogenesis. Pharmacological Research, 2012, 65, 347-357.	7.1	57
35	Nicotine effects on human endothelial intercellular communication via Î±4Î²2 and Î±3Î²2 nicotinic acetylcholine receptor subtypes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 621-632.	3.0	17
36	Adrenergic control of cardiac gap junction function and expression. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 331-346.	3.0	32

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37	Peptides Targeting Gap Junctional Structures. Current Pharmaceutical Design, 2010, 16, 3056-3070.	1.9	29
38	Improving cardiac gap junction communication as a new antiarrhythmic mechanism: the action of antiarrhythmic peptides. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 381, 221-234.	3.0	71
39	Cyclic Mechanical Stretch Induces Cardiomyocyte Orientation and Polarization of the Gap Junction Protein Connexin43. Circulation Research, 2010, 106, 1592-1602.	4.5	158
40	Local effects and mechanisms of antiarrhythmic peptide AAP10 in acute regional myocardial ischemia: electrophysiological and molecular findings. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 459-470.	3.0	43
41	An in vitro model for assessment of drug-induced torsade de pointes arrhythmia. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 631-644.	3.0	16
42	Sub-chronic nicotine exposure induces intercellular communication failure and differential down-regulation of connexins in cultured human endothelial cells. Atherosclerosis, 2008, 196, 210-218.	0.8	24
43	Effects of autologous bone marrow stem cell transplantation on beta-adrenoceptor density and electrical activation pattern in a rabbit model of non-ischemic heart failure. Journal of Cardiothoracic Surgery, 2006, 1, 17.	1.1	30
44	Antiarrhythmic and electrophysiological effects of long-chain Ï‰-3 polyunsaturated fatty acids. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 371, 202-211.	3.0	41
45	Pharmacology of Gap junctions. New pharmacological targets for treatment of arrhythmia, seizure and cancer?. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1719, 36-58.	2.6	117
46	Pharmacology of gap junctions in the cardiovascular system. Cardiovascular Research, 2004, 62, 287-298.	3.8	69
47	Effects of the New Antiarrhythmic Peptide ZP123 on Epicardial Activation and Repolarization Pattern. Cell Communication and Adhesion, 2003, 10, 371-378.	1.0	39
48	Peptides acting at gap junctions. Peptides, 2002, 23, 1701-1709.	2.4	27
49	Pharmacological modulation and differential regulation of the cardiac gap junction proteins connexin 43 and connexin 40. Biology of the Cell, 2002, 94, 409-422.	2.0	41
50	Effects of chronic atrial fibrillation on gap junction distribution in human and rat atria. Journal of the American College of Cardiology, 2001, 38, 883-891.	2.8	277
51	Heterogeneously Distributed Sensitivities to Potassium as a Cause of Hypokalemic Arrhythmias in Isolated Rabbit Hearts. Journal of Cardiovascular Electrophysiology, 1991, 2, 145-155.	1.7	17