

# Geofrey De Visscher

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

660  
citations

687363

13  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Connectivity fMRI of the Rodent Brain: Comparison of Functional Connectivity Networks in Rat and Mouse. <i>PLoS ONE</i> , 2011, 6, e18876.	2.5	197
2	Validation and implementation of an internal standard in comet assay analysis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 469, 181-197.	1.7	108
3	Factors influencing calcification of cardiac bioprostheses in adolescent sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 89-98.	0.8	72
4	The remodeling of cardiovascular bioprostheses under influence of stem cell homing signal pathways. <i>Biomaterials</i> , 2010, 31, 20-28.	11.4	35
5	Gene Expression Study of Monocytes/Macrophages during Early Foreign Body Reaction and Identification of Potential Precursors of Myofibroblasts. <i>PLoS ONE</i> , 2010, 5, e12949.	2.5	34
6	In vivo cellularization of a cross-linked matrix by intraperitoneal implantation: a new tool in heart valve tissue engineering. <i>European Heart Journal</i> , 2007, 28, 1389-1396.	2.2	29
7	Coating with fibronectin and stromal cell-derived factor-1 of decellularized homografts used for right ventricular outflow tract reconstruction eliminates immune response-related degeneration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1398-1404.e2.	0.8	29
8	The recruitment of primitive Lin <sup>-</sup> Sca-1 <sup>+</sup> , CD34 <sup>+</sup> , c-kit <sup>+</sup> and CD271 <sup>+</sup> cells during the early intraperitoneal foreign body reaction. <i>Biomaterials</i> , 2008, 29, 797-808.	11.4	26
9	Nitric Oxide does not Inhibit Cerebral Cytochrome Oxidase In Vivo or in the Reactive Hyperemic Phase after Brief Anoxia in the Adult Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 515-519.	4.3	22
10	Labeling of Luciferase/eGFP-Expressing Bone Marrow-Derived Stromal Cells with Fluorescent Micron-Sized Iron Oxide Particles Improves Quantitative and Qualitative Multimodal Imaging of Cellular Grafts In Vivo. <i>Molecular Imaging and Biology</i> , 2011, 13, 1133-1145.	2.6	21
11	Functional and biomechanical evaluation of a completely recellularized stentless pulmonary bioprosthesis in sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 395-404.	0.8	17
12	Calcification of allograft and stentless xenograft valves for right ventricular outflow tract reconstruction: An experimental study in adolescent sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1513-1521.	0.8	16
13	Cerebral blood flow assessment with indocyanine green bolus transit detection by near-infrared spectroscopy in the rat. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2002, 132, 87-95.	1.8	15
14	Trilogy Pericardial Valve: Hemodynamic Performance and Calcification in Adolescent Sheep. <i>Annals of Thoracic Surgery</i> , 2008, 85, 587-592.	1.3	12
15	Comparison of intracranial pressure measured in the cerebral cortex and the cerebellum of the rat. <i>Journal of Neuroscience Methods</i> , 2002, 119, 83-88.	2.5	9
16	Selection of an Immunohistochemical Panel for Cardiovascular Research in Sheep. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2010, 18, 382-391.	1.2	8
17	Pentobarbital Fails to Reduce Cerebral Oxygen Consumption Early after Non-Hemorrhagic Closed Head Injury in Rats. <i>Journal of Neurotrauma</i> , 2005, 22, 793-806.	3.4	6
18	NIRS Mediated CBF Assessment: Validating the Indocyanine Green Bolus Transit Detection by Comparison with Coloured Microsphere Flowmetry. <i>Advances in Experimental Medicine and Biology</i> , 2003, 540, 37-45.	1.6	4

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19	Use Of A CodmanÂ® Microsensor Intracranial Pressure Probe: Effects On Near Infrared Spectroscopy Measurements And Cerebral Hemodynamics In Rats. <i>Advances in Experimental Medicine and Biology</i> , 2009, 645, 321-327.	1.6	0