

# Geofrey De Visscher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3504986/publications.pdf>

Version: 2024-02-01

19  
papers

660  
citations

686830

13  
h-index

839053

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.   | 1.1 | 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.  | 0.9 | 108       |
| 3  | Factors influencing calcification of cardiac bioprostheses in adolescent sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 89-98.   | 0.4 | 72        |
| 4  | The remodeling of cardiovascular bioprostheses under influence of stem cell homing signal pathways. <i>Biomaterials</i> , 2010, 31, 20-28.  | 5.7 | 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.  | 1.1 | 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.  | 1.0 | 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. | 0.4 | 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.   | 5.7 | 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.   | 2.4 | 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.      | 1.3 | 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.  | 0.4 | 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.  | 0.4 | 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.   | 0.8 | 15        |
| 14 | Trilogy Pericardial Valve: Hemodynamic Performance and Calcification in Adolescent Sheep. <i>Annals of Thoracic Surgery</i> , 2008, 85, 587-592.  | 0.7 | 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.   | 1.3 | 9         |
| 16 | Selection of an Immunohistochemical Panel for Cardiovascular Research in Sheep. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2010, 18, 382-391.   | 0.6 | 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.  | 1.7 | 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.  | 0.8 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 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. | 0.8 | 0         |