

# Denis B Buxton

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,114  
citations

566801

15  
h-index

476904

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1552  
citing authors

| #  | ARTICLE                                                                                                                                                                                        | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | A Summary of the American Society of Echocardiography Foundation Value-Based Healthcare: Summit 2014. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 755-769.          | 1.2 | 15        |
| 2  | American Society of Echocardiography Cardiovascular Technology and Research Summit: A Roadmap for 2020. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 325-338.        | 1.2 | 34        |
| 3  | Support for Cardiovascular Cell Therapy Research at the National Heart, Lung, and Blood Institute. <i>Circulation Research</i> , 2012, 110, 1549-1555.                                         | 2.0 | 4         |
| 4  | Molecular Imaging of Aortic Aneurysms. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 392-399.                                                                                          | 1.3 | 10        |
| 5  | The impact of nanotechnology on myocardial infarction treatment. <i>Nanomedicine</i> , 2012, 7, 173-175.                                                                                       | 1.7 | 10        |
| 6  | Nanotechnology Research Support at the National Heart, Lung, and Blood Institute. <i>Circulation Research</i> , 2011, 109, 250-254.                                                            | 2.0 | 5         |
| 7  | Report of the National Heart, Lung, and Blood Institute Working Group on the Translation of Cardiovascular Molecular Imaging. <i>Circulation</i> , 2011, 123, 2157-2163.                       | 1.6 | 47        |
| 8  | Nanomedicine in Blood Diseases. , 2011, , .                                                                                                                                                    |     | 0         |
| 9  | Current status of nanotechnology approaches for cardiovascular disease: a personal perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 149-155. | 3.3 | 29        |
| 10 | Nanomedicine for the management of lung and blood diseases. <i>Nanomedicine</i> , 2009, 4, 331-339.                                                                                            | 1.7 | 67        |
| 11 | Nanotechnology in the diagnosis and management of heart, lung and blood diseases. <i>Expert Review of Molecular Diagnostics</i> , 2007, 7, 149-160.                                            | 1.5 | 20        |
| 12 | The promise of nanotechnology for heart, lung and blood diseases. <i>Expert Opinion on Drug Delivery</i> , 2006, 3, 173-175.                                                                   | 2.4 | 8         |
| 13 | Nonmuscle Myosin IIB Is Involved in the Guidance of Fibroblast Migration. <i>Molecular Biology of the Cell</i> , 2004, 15, 982-989.                                                            | 0.9 | 211       |
| 14 | Cytokines and Late Preconditioning. <i>Cardiovascular Research</i> , 2004, 64, 6-8.                                                                                                            | 1.8 | 3         |
| 15 | A single class II myosin modulates T cell motility and stopping, but not synapse formation. <i>Nature Immunology</i> , 2004, 5, 531-538.                                                       | 7.0 | 177       |
| 16 | Induction of Nonmuscle Myosin Heavy Chain II-C by Butyrate in RAW 264.7 Mouse Macrophages. <i>Journal of Biological Chemistry</i> , 2003, 278, 15449-15455.                                    | 1.6 | 23        |
| 17 | Glucose metabolism in reperfused myocardium measured by [2-18F] 2-fluorodeoxyglucose and PET. <i>Cardiovascular Research</i> , 2000, 45, 321-329.                                              | 1.8 | 15        |
| 18 | Calcium-dependent Threonine Phosphorylation of Nonmuscle Myosin in Stimulated RBL-2H3 Mast Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 34772-34779.                             | 1.6 | 18        |

| #  | ARTICLE                                                                                                                                                                                                | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Regulation of pyruvate dehydrogenase activity and glucose metabolism in post-ischaemic myocardium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1406, 62-72.              | 1.8 | 39        |
| 20 | Stimulation of c-Jun Kinase and Mitogen-Activated Protein Kinase by Ischemia and Reperfusion in the Perfused Rat Heart. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 83-88. | 1.0 | 171       |
| 21 | Inhibition of glyceraldehyde-3-phosphate dehydrogenase in post-ischaemic myocardium. <i>Cardiovascular Research</i> , 1996, 32, 1016-1023.                                                             | 1.8 | 46        |
| 22 | Effect of exercise supplementation during adenosine infusion on hyperemic blood flow and flow reserve. <i>American Heart Journal</i> , 1994, 128, 52-60.                                               | 1.2 | 26        |
| 23 | Responses of blood flow, oxygen consumption, and contractile function to inotropic stimulation in stunned canine myocardium. <i>American Heart Journal</i> , 1994, 127, 1251-1262.                     | 1.2 | 24        |
| 24 | Metabolism in Non-ischemic Myocardium during Coronary Artery Occlusion and Reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 1993, 25, 667-681.                                       | 0.9 | 8         |
| 25 | Cardiac positron emission tomography. <i>Journal of Thoracic Imaging</i> , 1990, 5, 9-19.                                                                                                              | 0.8 | 1         |
| 26 | Potentialiation of the glycogenolytic and haemodynamic actions of adenosine in the perfused rat liver by verapamil. <i>European Journal of Pharmacology</i> , 1988, 146, 121-127.                      | 1.7 | 4         |
| 27 | AGEPC: A Potent Calcium-Dependent Chemical Mediator in the Liver. <i>Advances in Experimental Medicine and Biology</i> , 1988, 232, 203-212.                                                           | 0.8 | 1         |
| 28 | Activation of hepatic glycogenolysis by phagocytic stimulation. <i>Bioscience Reports</i> , 1987, 7, 485-490.                                                                                          | 1.1 | 0         |
| 29 | Specific antagonists of platelet activating factor-mediated vasoconstriction and glycogenolysis in the perfused rat liver. <i>Biochemical Pharmacology</i> , 1986, 35, 893-897.                        | 2.0 | 14        |
| 30 | The effects of cyclopropane carboxylic acid on hepatic pyruvate metabolism. <i>Metabolism: Clinical and Experimental</i> , 1983, 32, 736-744.                                                          | 1.5 | 7         |