

# Denise de Castro Fernandes

## List of Publications by Year in descending order

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27  
papers

1,254  
citations

394286

19  
h-index

552653

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2089  
citing authors

#	ARTICLE	IF	CITATIONS
1	PDIA1 acts as master organizer of NOX1/NOX4 balance and phenotype response in vascular smooth muscle. <i>Free Radical Biology and Medicine</i> , 2021, 162, 603-614.	1.3	14
2	Aerobic Exercise During Advance Stage of Uncontrolled Arterial Hypertension. <i>Frontiers in Physiology</i> , 2021, 12, 675778.	1.3	7
3	Metastatic Melanoma Progression Is Associated with Endothelial Nitric Oxide Synthase Uncoupling Induced by Loss of eNOS:BH4 Stoichiometry. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9556.	1.8	3
4	Imbalance between nitric oxide and superoxide anion induced by uncoupled nitric oxide synthase contributes to human melanoma development. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 115, 105592.	1.2	12
5	Measurement of Superoxide Production and NADPH Oxidase Activity by HPLC Analysis of Dihydroethidium Oxidation. <i>Methods in Molecular Biology</i> , 2017, 1527, 233-249.	0.4	24
6	Induction of Oxidants Distinguishes Susceptibility of Prostate Carcinoma Cell Lines to p53 Gene Transfer Mediated by an Improved Adenoviral Vector. <i>Human Gene Therapy</i> , 2017, 28, 639-653.	1.4	19
7	Nitroarachidonic acid (NO2AA) inhibits protein disulfide isomerase (PDI) through reversible covalent adduct formation with critical cysteines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1131-1139.	1.1	19
8	Conserved Gene Microsynteny Unveils Functional Interaction Between Protein Disulfide Isomerase and Rho Guanine-Dissociation Inhibitor Families. <i>Scientific Reports</i> , 2017, 7, 17262.	1.6	16
9	Amino acids trigger down-regulation of superoxide via TORC pathway in the midgut of <i>Rhodnius prolixus</i> . <i>Bioscience Reports</i> , 2016, 36, .	1.1	18
10	Modulation of MAPK and NF- $\kappa$ B Signaling Pathways by Antioxidant Therapy in Skeletal Muscle of Heart Failure Rats. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 371-384.	1.1	36
11	Influence of N-Acetylcysteine on Oxidative Stress in Slow-Twitch Soleus Muscle of Heart Failure Rats. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 148-159.	1.1	35
12	An Interaction of Renin-Angiotensin and Kallikrein-Kinin Systems Contributes to Vascular Hypertrophy in Angiotensin II-Induced Hypertension: In Vivo and In Vitro Studies. <i>PLoS ONE</i> , 2014, 9, e111117.	1.1	31
13	Time-Dependent Effects of Training on Cardiovascular Control in Spontaneously Hypertensive Rats: Role for Brain Oxidative Stress and Inflammation and Baroreflex Sensitivity. <i>PLoS ONE</i> , 2014, 9, e94927.	1.1	75
14	Methods of measuring protein disulfide isomerase activity: a critical overview. <i>Frontiers in Chemistry</i> , 2014, 2, 73.	1.8	31
15	Nitroglycerin drives endothelial nitric oxide synthase activation via the phosphatidylinositol 3-kinase/protein kinase B pathway. <i>Free Radical Biology and Medicine</i> , 2012, 52, 427-435.	1.3	24
16	Protein disulfide isomerase in redox cell signaling and homeostasis. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1954-1969.	1.3	203
17	Antioxidant Activity of Uruguayan Propolis. In Vitro and Cellular Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6430-6437.	2.4	45
18	Tobacco Smoke Induces Ventricular Remodeling Associated with an Increase in NADPH Oxidase Activity. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 305-312.	1.1	38

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19	The Evolving Concept of Oxidative Stress. , 2010, , 1-41.		3
20	Protein disulfide isomerase overexpression in vascular smooth muscle cells induces spontaneous preemptive NADPH oxidase activation and Nox1 mRNA expression: Effects of nitrosothiol exposure. Archives of Biochemistry and Biophysics, 2009, 484, 197-204.	1.4	88
21	Assessment of Superoxide Production and NADPH Oxidase Activity by HPLC Analysis of Dihydroethidium Oxidation Products. Methods in Enzymology, 2008, 441, 237-260.	0.4	93
22	Novel Role of Protein Disulfide Isomerase in the Regulation of NADPH Oxidase Activity: Pathophysiological Implications in Vascular Diseases. Antioxidants and Redox Signaling, 2008, 10, 1101-1114.	2.5	76
23	Constitutive nitric oxide synthase activation is a significant route for nitroglycerin-mediated vasodilation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8569-8574.	3.3	37
24	Analysis of DHE-derived oxidation products by HPLC in the assessment of superoxide production and NADPH oxidase activity in vascular systems. American Journal of Physiology - Cell Physiology, 2007, 292, C413-C422.	2.1	176
25	Angiotensin II Chronic Infusion Induces B1 Receptor Expression in Aorta of Rats. Hypertension, 2007, 50, 756-761.	1.3	36
26	Tempol diverts peroxynitrite/carbon dioxide reactivity toward albumin and cells from protein?tyrosine nitration to protein?cysteine nitrosation. Free Radical Biology and Medicine, 2005, 38, 189-200.	1.3	37
27	Albumin Oxidation to Diverse Radicals by the Peroxidase Activity of Cu,Znâ??Superoxide Dismutase in the Presence of Bicarbonate or Nitrite:â€‰ Diffusible Radicals Produce Cysteinyl and Solvent-Exposed and -Unexposed Tyrosyl Radicals. Biochemistry, 2004, 43, 344-351.	1.2	58