

# Hemang J Patel

## List of Publications by Year in descending order

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18  
papers

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932766

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1125271

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docs citations

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times ranked

931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urocortin Induces Phosphorylation of Distinct Residues of Signal Transducer and Activator of Transcription 3 (STAT3) via Different Signaling Pathways. Medical Science Monitor Basic Research, 2019, 25, 139-152.	2.6	6
2	Autophagy and Oncosis/Necroptosis Are Enhanced in Cardiomyocytes from Heart Failure Patients. Medical Science Monitor Basic Research, 2019, 25, 33-44.	2.6	35
3	Induced peroxidase and cytoprotective enzyme expressions support adaptation of HUVECs to sustain subsequent H <sub>2</sub> O <sub>2</sub> exposure. Microvascular Research, 2016, 103, 1-10.	1.1	13
4	Hydrogen peroxide-induced redox homeostasis regulation in endothelial cells. FASEB Journal, 2015, 29, 635.7.	0.2	0
5	Can hyperglycemia-induced endothelial dysfunction be reversed by regulating the fate of superoxide?. FASEB Journal, 2015, 29, 979.8.	0.2	0
6	Hyperglycemia induces differential change in oxidative stress at gene expression and functional levels in HUVEC and HMVEC. Cardiovascular Diabetology, 2013, 12, 142.	2.7	137
7	Length-dependent effect of single-walled carbon nanotube exposure in a dynamic cell growth environment of human alveolar epithelial cells. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 101-108.	1.8	7
8	Hydrogen peroxide induced changes in endothelial function. FASEB Journal, 2013, 27, 1142.13.	0.2	0
9	Hyperglycemia induced gene expression changes in HUVEC and HMEC. FASEB Journal, 2013, 27, 735.3.	0.2	0
10	Multi-walled carbon nanotube-induced inflammatory response and oxidative stress in a dynamic cell growth environment. Journal of Biological Engineering, 2012, 6, 22.	2.0	17
11	Effect of exposure conditions on SWCNT-induced inflammatory response in human alveolar epithelial cells. Toxicology in Vitro, 2011, 25, 1153-1160.	1.1	27
12	Effects of diesel particulate matters on inflammatory responses in static and dynamic culture of human alveolar epithelial cells. Toxicology Letters, 2011, 200, 124-131.	0.4	26
13	High-frequency ultrasound for intraoperative margin assessments in breast conservation surgery: a feasibility study. BMC Cancer, 2011, 11, 444.	1.1	52
14	Shear-regulated uptake of nanoparticles by endothelial cells and development of endothelial-targeting nanoparticles. Journal of Biomedical Materials Research - Part A, 2010, 93A, 833-842.	2.1	53
15	Ultrasonic differentiation of normal versus malignant breast epithelial cells in monolayer cultures. Journal of the Acoustical Society of America, 2010, 128, EL229-EL235.	0.5	12
16	Interplay Between Cytokine-Induced and Cyclic Equibiaxial Deformation-Induced Nitric Oxide Production and Metalloproteases Expression in Human Alveolar Epithelial Cells. Cellular and Molecular Bioengineering, 2009, 2, 615-624.	1.0	9
17	Optimization of Extracellular Matrix Protein Surface Coating to Enhance Endothelialization on Poly(L-Lactic Acid)., 2007, , .		0
18	A Combined Strategy To Reduce Restenosis for Vascular Tissue Engineering Applications. Biotechnology Progress, 2006, 22, 38-44.	1.3	25