

# Hemang J Patel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7619999/publications.pdf>

Version: 2024-02-01

18  
papers

419  
citations

932766

10  
h-index

1125271

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

931  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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       |
| 2  | Shearâ€regulated uptake of nanoparticles by endothelial cells and development of endothelialâ€targeting nanoparticles. Journal of Biomedical Materials Research - Part A, 2010, 93A, 833-842.                                      | 2.1 | 53        |
| 3  | High-frequency ultrasound for intraoperative margin assessments in breast conservation surgery: a feasibility study. BMC Cancer, 2011, 11, 444.  | 1.1 | 52        |
| 4  | Autophagy and Oncosis/Necroptosis Are Enhanced in Cardiomyocytes from Heart Failure Patients. Medical Science Monitor Basic Research, 2019, 25, 33-44.   | 2.6 | 35        |
| 5  | Effect of exposure conditions on SWCNT-induced inflammatory response in human alveolar epithelial cells. Toxicology in Vitro, 2011, 25, 1153-1160.   | 1.1 | 27        |
| 6  | 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        |
| 7  | A Combined Strategy To Reduce Restenosis for Vascular Tissue Engineering Applications. Biotechnology Progress, 2006, 22, 38-44.  | 1.3 | 25        |
| 8  | 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        |
| 9  | Induced peroxidase and cytoprotective enzyme expressions support adaptation of HUVECs to sustain subsequent Hâ„Oâ„ exposure. Microvascular Research, 2016, 103, 1-10.  | 1.1 | 13        |
| 10 | 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        |
| 11 | 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         |
| 12 | 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         |
| 13 | 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         |
| 14 | Optimization of Extracellular Matrix Protein Surface Coating to Enhance Endothelialization on Poly(L-Lactic Acid). , 2007, , .   |     | 0         |
| 15 | Hydrogen peroxide induced changes in endothelial function. FASEB Journal, 2013, 27, 1142.13.   | 0.2 | 0         |
| 16 | Hyperglycemia induced gene expression changes in HUVEC and HMEC. FASEB Journal, 2013, 27, 735.3.   | 0.2 | 0         |
| 17 | Hydrogen peroxideâ€induced redox homeostasis regulation in endothelial cells. FASEB Journal, 2015, 29, 635.7.  | 0.2 | 0         |
| 18 | Can hyperglycemiaâ€induced endothelial dysfunction be reversed by regulating the fate of superoxide?. FASEB Journal, 2015, 29, 979.8.  | 0.2 | 0         |