

Published Papers (in the last two years)

1. Co-Exposure to SiO₂ Nanoparticles and Arsenic Induced Augmentation of Oxidative Stress and Mitochondria-Dependent Apoptosis in Human Cells
M Ahamed, Mohd Javed Akhtar, HA Alhadlaq
International journal of environmental research and public health 2019, 16 (17): 3199
2. Preventive effect of TiO₂ nanoparticles on heavy metal Pb-induced toxicity in human lung epithelial (A549) cells
M Ahamed, Mohd Javed Akhtar, HA Alhadlaq
Toxicology in Vitro 2019, 57: 18-27
3. Oxidative stress mediated cytotoxicity and apoptosis response of bismuth oxide (Bi₂O₃) nanoparticles in human breast cancer (MCF-7) cells
M Ahamed, MJ Akhtar, MA Khan, S Alrokayan, HA Alhadlaq
Chemosphere 2019, 216: 18-27
4. Different cytotoxic and apoptotic responses of MCF-7 and HT1080 cells to MnO₂ nanoparticles are based on similar mode of action
HA Alhadlaq, Mohd Javed Akhtar, Maqusood Ahamed
Toxicology 2019, 411: 71-80
5. MgO nanoparticles cytotoxicity caused primarily by GSH depletion in human lung epithelial cells
Mohd Javed Akhtar, Maqusood Ahamed, HA Alhadlaq, Salman A Alrokayan
Journal of Trace Elements in Medicine and Biology 2018, 50: 283-290
6. Oxidative stress mediated cytotoxicity of tin (IV) oxide (SnO₂) nanoparticles in human breast cancer (MCF-7) cells

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Colloids and Surfaces B: Biointerfaces 2018, 156: 157-164