

# Minghua Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3410707/publications.pdf>

Version: 2024-02-01

16  
papers

348  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

504  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | MSC-derived exosomes attenuate cell death through suppressing AIF nucleus translocation and enhance cutaneous wound healing. <i>Stem Cell Research and Therapy</i> , 2020, 11, 174.   | 5.5 | 61        |
| 2  | Combined toxicity of amorphous silica nanoparticles and methylmercury to human lung epithelial cells. <i>Ecotoxicology and Environmental Safety</i> , 2015, 112, 144-152.   | 6.0 | 54        |
| 3  | Silica nanoparticles induced intrinsic apoptosis in neuroblastoma SH-SY5Y cells via CytC/Apaf-1 pathway. <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 161-169.  | 4.0 | 46        |
| 4  | NANOG Attenuates Hair Follicle-Derived Mesenchymal Stem Cell Senescence by Upregulating PBX1 and Activating AKT Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.   | 4.0 | 31        |
| 5  | PBX homeobox 1 enhances hair follicle mesenchymal stem cell proliferation and reprogramming through activation of the AKT/glycogen synthase kinase signaling pathway and suppression of apoptosis. <i>Stem Cell Research and Therapy</i> , 2019, 10, 268.       | 5.5 | 26        |
| 6  | Rapid visualized isothermal nucleic acid testing of <i>Vibrio parahaemolyticus</i> by polymerase spiral reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 93-101.  | 3.7 | 25        |
| 7  | One-step colorimetric detection of <i>Staphylococcus aureus</i> based on target-induced shielding against the peroxidase mimicking activity of aptamer-functionalized gold-coated iron oxide nanocomposites. <i>Talanta</i> , 2021, 232, 122448.                | 5.5 | 23        |
| 8  | Investigation of the genetic toxicity by dextran-coated superparamagnetic iron oxide nanoparticles (SPION) in HepG2 cells using the comet assay and cytokinesis-block micronucleus assay. <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 23-29. | 2.1 | 17        |
| 9  | Silica nanoparticles induce mitochondrial pathway-dependent apoptosis by activating unfolded protein response in human neuroblastoma cells. <i>Environmental Toxicology</i> , 2021, 36, 675-685.  | 4.0 | 17        |
| 10 | Detection of four foodborne pathogens based on magnetic separation multiplex PCR and capillary electrophoresis. <i>Biotechnology Journal</i> , 2022, 17, e2100335.  | 3.5 | 12        |
| 11 | The Internalization, Distribution, and Ultrastructure Damage of Silica Nanoparticles in Human Hepatic L-02 Cells. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 664-674.  | 2.3 | 11        |
| 12 | PBX1 Attenuates Hair Follicle-Derived Mesenchymal Stem Cell Senescence and Apoptosis by Alleviating Reactive Oxygen Species-Mediated DNA Damage Instead of Enhancing DNA Damage Repair. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 739868.   | 3.7 | 11        |
| 13 | A detection method of <i>Escherichia coli</i> O157:H7 based on immunomagnetic separation and aptamers-gold nanoparticle probe quenching Rhodamine B's fluorescence. <i>Food Science and Biotechnology</i> , 2021, 30, 1129-1138.                                | 2.6 | 7         |
| 14 | Internalization of the TAT-PBX1 fusion protein significantly enhances the proliferation of human hair follicle-derived mesenchymal stem cells and delays their senescence. <i>Biotechnology Letters</i> , 2020, 42, 1877-1885.                                  | 2.2 | 5         |
| 15 | Methylmercury induced apoptosis of human neuroblastoma cells through the reactive oxygen species mediated caspase and poly ADP-ribose polymerase-dependent apoptosis-inducing factor dependent pathways. <i>Environmental Toxicology</i> , 2022, 37, 1891-1901. | 4.0 | 2         |
| 16 | Melanocytes derived from mouse hair follicles: A novel study model to assess pigmentation disorders. <i>Pathology Research and Practice</i> , 2020, 216, 153224.  | 2.3 | 0         |