# Jin Kim

List of Publications by Year
in descending order



| 50 | 1,805 | 394421 | 276875 |
|---|---|---|---|
| papers | citations | 19 h-index | 41 g-index |

| 51 | 51 | 51 | 3004 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hybrid skin chips for toxicological evaluation of chemical drugs and cosmetic compounds. Lab on A Chip, 2022, 22, 343-353. | 6.0 | 7 |
| 2 | Tissue extracellular matrix hydrogels as alternatives to Matrigel for culturing gastrointestinal organoids. Nature Communications, 2022, 13, 1692. | 12.8 | 101 |
| 3 | Digital selective transformation and patterning of highly conductive hydrogel bioelectronics by laser-induced phase separation. Science Advances, 2022, 8, . | 10.3 | 63 |
| 4 | Establishment of Neurotoxicity Assessment Using Microelectrode Array (MEA) with hiPSC-Derived Neurons and Evaluation of New Psychoactive Substances (NPS). International Journal of Stem Cells, 2022, 15, 258-269. | 1.8 | 3 |
| 5 | Albendazole exerts antiproliferative effects on prostate cancer cells by inducing reactive oxygen species generation. Oncology Letters, 2021, 21, 395. | 1.8 | 17 |
| 6 | BAPTA, a calcium chelator, neuroprotects injured neurons in vitro and promotes motor recovery after spinal cord transection in vivo. CNS Neuroscience and Therapeutics, 2021, 27, 919-929. | 3.9 | 8 |
| 7 | Development and validation of dual-cardiotoxicity evaluation method based on analysis of field potential and contractile force of human iPSC-derived cardiomyocytes / multielectrode assay platform. Biochemical and Biophysical Research Communications, 2021, 555, 67-73. | 2.1 | 9 |
| 8 | Fungal brain infection modelled in a human-neurovascular-unit-on-a-chip with a functional bloodâ€“brain barrier. Nature Biomedical Engineering, 2021, 5, 830-846. | 22.5 | 83 |
| 9 | Production of Multiple Cellâ€Laden Microtissue Spheroids with a Biomimetic Hepaticâ€Lobuleâ€Like Structure. Advanced Materials, 2021, 33, e2102624. | 21.0 | 28 |
| 10 | Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. Nature Communications, 2021, 12, 4730. | 12.8 | 164 |
| 11 | Production of Multiple Cellâ€Laden Microtissue Spheroids with a Biomimetic Hepaticâ€Lobuleâ€Like Structure (Adv. Mater. 36/2021). Advanced Materials, 2021, 33, 2170286. | 21.0 | 0 |
| 12 | Next-Generation Intestinal Toxicity Model of Human Embryonic Stem Cell-Derived Enterocyte-Like Cells. Frontiers in Veterinary Science, 2021, 8, 587659. | 2.2 | 3 |
| 13 | TALENâ€mediated generation of Nkx3.1 knockout rat model. Prostate, 2021, 81, 182-193. | 2.3 | 5 |
| 14 | Phloretin Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. Pathology and Oncology Research, 2020, 26, 977-984. | 1.9 | 34 |
| 15 | Anti-Inflammatory Effects of M-MSCs in DNCB-Induced Atopic Dermatitis Mice. Biomedicines, 2020, 8, 439. | 3.2 | 10 |
| 16 | Vitrification for cryopreservation of 2D and 3D stem cells culture using high concentration of cryoprotective agents. BMC Biotechnology, 2020, 20, 45. | 3.3 | 13 |
| 17 | Pimozide Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. Frontiers in Pharmacology, 2020, 10, 1517. | 3.5 | 18 |
| 18 | Loss of glutathione peroxidase 3 induces ROS and contributes to prostatic hyperplasia in Nkx3.1 knockout mice. Andrology, 2020, 8, 1486-1493. | 3.5 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development and evaluation of next-generation cardiotoxicity assay based on embryonic stem cell-derived cardiomyocytes. BMB Reports, 2020, 53, 437-441. | 2.4 | 2 |
| 20 | Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. BMB Reports, 2020, 53, 466-471. | 2.4 | 3 |
| 21 | Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. BMB Reports, 2020, 53, 466-471. | 2.4 | 1 |
| 22 | Magnetic Control of Axon Navigation in Reprogrammed Neurons. Nano Letters, 2019, 19, 6517-6523. | 9.1 | 22 |
| 23 | Phenotyping analysis of p53 knockout mice produced by gene editing and comparison with conventional p53 knockout mice. Genes and Genomics, 2019, 41, 701-712. | 1.4 | 3 |
| 24 | Trimethyltin chloride induces reactive oxygen species-mediated apoptosis in retinal cells during zebrafish eye development. Science of the Total Environment, 2019, 653, 36-44. | 8.0 | 31 |
| 25 | Reconstruction of the spinal cord of spinal transected dogs with polyethylene glycol. , 2019, 10, 50. | | 8 |
| 26 | Triclosan affects axon formation in the neural development stages of zebrafish embryos (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 | 7.5 | 61 |
| 27 | An outbreak of toxoplasmosis in squirrel monkeys (Saimiri sciureus) in South Korea. Journal of Medical Primatology, 2018, 47, 238-246. | 0.6 | 13 |
| 28 | Bio-artificial tongue with tongue extracellular matrix and primary taste cells. Biomaterials, 2018, 151, 24-37. | 11.4 | 49 |
| 29 | Development of an alternative zebrafish model for drugâ€induced intestinal toxicity. Journal of Applied Toxicology, 2018, 38, 259-273. | 2.8 | 10 |
| 30 | Drug Screening: Vascularized Liver Organoids Generated Using Induced Hepatic Tissue and Dynamic Liver-Specific Microenvironment as a Drug Testing Platform (Adv. Funct. Mater. 37/2018). Advanced Functional Materials, 2018, 28, 1870266. | 14.9 | 5 |
| 31 | Vascularized Liver Organoids Generated Using Induced Hepatic Tissue and Dynamic Liverâ€Specific Microenvironment as a Drug Testing Platform. Advanced Functional Materials, 2018, 28, 1801954. | 14.9 | 100 |
| 32 | Three-dimensional brain-like microenvironments facilitate the direct reprogramming of fibroblasts into therapeutic neurons. Nature Biomedical Engineering, 2018, 2, 522-539. | 22.5 | 86 |
| 33 | A case of active incomplete biliary cirrhosis in an aged female Japanese macaque (Macaca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 0.8 | 0 |
| 34 | Respiratory Toxicity of Polyhexamethylene Guanidine Phosphate Exposure in Zebrafish. Zebrafish, 2018, 15, 460-472. | 1.1 | 12 |
| 35 | Effect of Graphene Nanoribbons (TexasPEG) on locomotor function recovery in a rat model of lumbar spinal cord transection. Neural Regeneration Research, 2018, 13, 1440. | 3.0 | 16 |
| 36 | Enhanced Selfâ€Renewal and Accelerated Differentiation of Human Fetal Neural Stem Cells Using Graphene Oxide Nanoparticles. Macromolecular Bioscience, 2017, 17, 1600540. | 4.1 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Increased HGF Expression Induces Resistance to c-MET Tyrosine Kinase Inhibitors in Gastric Cancer. Anticancer Research, 2017, 37, 1127-1138. | 1.1 | 18 |
| 38 | Multiphoton luminescent graphene quantum dots for in vivo tracking of human adipose-derived stem cells. Nanoscale, 2016, 8, 8512-8519. | 5.6 | 35 |
| 39 | Clinical significance of midkine expression in sporadic desmoid tumors. Oncology Letters, 2016, 11, 1677-1684. | 1.8 | 7 |
| 40 | Data set in support of neurotoxicity of trimethyltin chloride by morphological and protein analysis. Data in Brief, 2016, 6, 706-709. | 1.0 | 2 |
| 41 | Trimethyltin chloride inhibits neuronal cell differentiation in zebrafish embryo neurodevelopment. Neurotoxicology and Teratology, 2016, 54, 29-35. | 2.4 | 18 |
| 42 | X-DNA Origami-Networked Core-Supported Lipid Stratum. Langmuir, 2015, 31, 912-916. | 3.5 | 8 |
| 43 | Recapitulation of inÂvivo-like paracrine signals of human mesenchymal stem cells for functional neuronal differentiation of human neural stem cells in a 3D microfluidic system. Biomaterials, 2015, 63, 177-188. | 11.4 | 67 |
| 44 | Implantable microfluidic device for the formation of three-dimensional vasculature by human endothelial progenitor cells. Biotechnology and Bioprocess Engineering, 2014, 19, 379-385. | 2.6 | 16 |
| 45 | Paper-based bioactive scaffolds for stem cell-mediated bone tissue engineering. Biomaterials, 2014, 35, 9811-9823. | 11.4 | 93 |
| 46 | Nonviral delivery for reprogramming to pluripotency and differentiation. Archives of Pharmacal Research, 2014, 37, 107-119. | 6.3 | 15 |
| 47 | A microfluidic array for quantitative analysis of human neural stem cell self-renewal and differentiation in three-dimensional hypoxic microenvironment. Biomaterials, 2013, 34, 6607-6614. | 11.4 | 44 |
| 48 | Nanotopographical Manipulation of Focal Adhesion Formation for Enhanced Differentiation of Human Neural Stem Cells. ACS Applied Materials & Interfaces, 2013, 5, 10529-10540. | 8.0 | 155 |
| 49 | Polydopamine-mediated surface modification of scaffold materials for human neural stem cell engineering. Biomaterials, 2012, 33, 6952-6964. | 11.4 | 311 |
| 50 | Use of neural 3D organoid with MEA in neurotoxicity testing: comparison to traditional in vitro cell culture and in vivo methods. Molecular and Cellular Toxicology, 0, , 1. | 1.7 | 2 |