

Jin-hoi Kim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

265
papers

8,898
citations

49
h-index

81
g-index

273
ext. papers

10,637
ext. citations

4.6
avg, IF

6.55
L-index

#	Paper	IF	Citations
265	Human endogenous retrovirus-enveloped baculoviral DNA vaccines against MERS-CoV and SARS-CoV2. <i>Npj Vaccines</i> , 2021 , 6, 37	9.5	5
264	Role and Therapeutic Potential of Melatonin in Various Type of Cancers. <i>OncoTargets and Therapy</i> , 2021 , 14, 2019-2052	4.4	16
263	Palladium Nanoparticle-Induced Oxidative Stress, Endoplasmic Reticulum Stress, Apoptosis, and Immunomodulation Enhance the Biogenesis and Release of Exosome in Human Leukemia Monocytic Cells (THP-1). <i>International Journal of Nanomedicine</i> , 2021 , 16, 2849-2877	7.3	4
262	High-Quality Nucleic Acid Isolation from Hard-to-Lyse Bacterial Strains Using PMAP-36, a Broad-Spectrum Antimicrobial Peptide. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
261	Biogenesis, Membrane Trafficking, Functions, and Next Generation Nanotherapeutics Medicine of Extracellular Vesicles. <i>International Journal of Nanomedicine</i> , 2021 , 16, 3357-3383	7.3	11
260	Diverse Effects of Exosomes on COVID-19: A Perspective of Progress From Transmission to Therapeutic Developments. <i>Frontiers in Immunology</i> , 2021 , 12, 716407	8.4	12
259	Influence of habitat change from land to sea on the evolution of antimicrobial peptide gene families, including β defensin gene clusters, in mammals. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021 , 59, 510-521	1.9	1
258	Melatonin: A potential therapeutic agent against COVID-19. <i>Melatonin Research</i> , 2021 , 4, 30-69	5.1	5
257	Platinum Nanoparticles Enhance Exosome Release in Human Lung Epithelial Adenocarcinoma Cancer Cells (A549): Oxidative Stress and the Ceramide Pathway are Key Players. <i>International Journal of Nanomedicine</i> , 2021 , 16, 515-538	7.3	11
256	Cathelicidin Bb-CATH4 derived from Python bivittatus accelerates the healing of Staphylococcus aureus-infected wounds in mice. <i>Amino Acids</i> , 2021 , 53, 313-317	3.5	0
255	Transgenic Mice Overexpressing PG1 Display Corneal Opacity and Severe Inflammation in the Eye. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
254	A Comprehensive Review on Factors Influences Biogenesis, Functions, Therapeutic and Clinical Implications of Exosomes. <i>International Journal of Nanomedicine</i> , 2021 , 16, 1281-1312	7.3	36
253	Role and Therapeutic Potential of Melatonin in the Central Nervous System and Cancers. <i>Cancers</i> , 2020 , 12,	6.6	7
252	Opossum Cathelicidins Exhibit Antimicrobial Activity Against a Broad Spectrum of Pathogens Including West Nile Virus. <i>Frontiers in Immunology</i> , 2020 , 11, 347	8.4	5
251	SLA-1 Genetic Diversity in Pigs: Extensive Analysis of Copy Number Variation, Heterozygosity, Expression, and Breed Specificity. <i>Scientific Reports</i> , 2020 , 10, 743	4.9	8
250	Anisotropic Platinum Nanoparticle-Induced Cytotoxicity, Apoptosis, Inflammatory Response, and Transcriptomic and Molecular Pathways in Human Acute Monocytic Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
249	Melatonin Enhances Palladium-Nanoparticle-Induced Cytotoxicity and Apoptosis in Human Lung Epithelial Adenocarcinoma Cells A549 and H1229. <i>Antioxidants</i> , 2020 , 9,	7.1	13

248	Evaluation of Resmethrin Toxicity to Neonatal Testes in Organ Culture. <i>Toxicological Sciences</i> , 2020 , 173, 53-64	4.4	8
247	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. <i>Cell Death and Disease</i> , 2020 , 11, 14	9.8	8
246	RNA sequencing data of mouse 2-cell embryos treated with DMSO. <i>Data in Brief</i> , 2020 , 28, 105025	1.2	
245	DMSO impairs the transcriptional program for maternal-to-embryonic transition by altering histone acetylation. <i>Biomaterials</i> , 2020 , 230, 119604	15.6	6
244	Anticancer Properties of Platinum Nanoparticles and Retinoic Acid: Combination Therapy for the Treatment of Human Neuroblastoma Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
243	Antiviral Potential of Nanoparticles-Can Nanoparticles Fight Against Coronaviruses?. <i>Nanomaterials</i> , 2020 , 10,	5.4	91
242	Mitochondrial Peptide Humanin Protects Silver Nanoparticles-Induced Neurotoxicity in Human Neuroblastoma Cancer Cells (SH-SY5Y). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
241	Differential Regulation of in Sertoli Cells of the Testes during Postnatal Development. <i>Cells</i> , 2019 , 8,	7.9	2
240	Differential Cytotoxicity of Different Sizes of Graphene Oxide Nanoparticles in Leydig (TM3) and Sertoli (TM4) Cells. <i>Nanomaterials</i> , 2019 , 9,	5.4	34
239	Cytotoxicity and Transcriptomic Analyses of Biogenic Palladium Nanoparticles in Human Ovarian Cancer Cells (SKOV3). <i>Nanomaterials</i> , 2019 , 9,	5.4	27
238	The Effects of Apigenin-Biosynthesized Ultra-Small Platinum Nanoparticles on the Human Monocytic THP-1 Cell Line. <i>Cells</i> , 2019 , 8,	7.9	20
237	Review of the Isolation, Characterization, Biological Function, and Multifarious Therapeutic Approaches of Exosomes. <i>Cells</i> , 2019 , 8,	7.9	386
236	Graphene Oxide?Platinum Nanoparticle Nanocomposites: A Suitable Biocompatible Therapeutic Agent for Prostate Cancer. <i>Polymers</i> , 2019 , 11,	4.5	23
235	3D printing approaches for cardiac tissue engineering and role of immune modulation in tissue regeneration. <i>International Journal of Nanomedicine</i> , 2019 , 14, 1311-1333	7.3	51
234	Development of a simple SLA-1 copy-number-variation typing and the comparison of typing accuracy between real-time quantitative and droplet digital PCR. <i>Animal Genetics</i> , 2019 , 50, 315-316	2.5	3
233	Protegrin-1 cytotoxicity towards mammalian cells positively correlates with the magnitude of conformational changes of the unfolded form upon cell interaction. <i>Scientific Reports</i> , 2019 , 9, 11569	4.9	15
232	Tangeretin-Assisted Platinum Nanoparticles Enhance the Apoptotic Properties of Doxorubicin: Combination Therapy for Osteosarcoma Treatment. <i>Nanomaterials</i> , 2019 , 9,	5.4	29
231	Evaluation of Graphene Oxide Induced Cellular Toxicity and Transcriptome Analysis in Human Embryonic Kidney Cells. <i>Nanomaterials</i> , 2019 , 9,	5.4	33

230	Tubastatin A inhibits HDAC and Sirtuin activity rather than being a HDAC6-specific inhibitor in mouse oocytes. <i>Aging</i> , 2019 , 11, 1759-1777	5.6	4
229	Severe combined immunodeficiency pig as an emerging animal model for human diseases and regenerative medicines. <i>BMB Reports</i> , 2019 , 52, 625-634	5.5	10
228	Analysis of allele-specific expression using RNA-seq of the Korean native pig and Landrace reciprocal cross. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019 , 1816-1825	2.4	2
227	A Comprehensive Review on the Synthesis, Characterization, and Biomedical Application of Platinum Nanoparticles. <i>Nanomaterials</i> , 2019 , 9,	5.4	134
226	Roles of microRNAs in mammalian reproduction: from the commitment of germ cells to peri-implantation embryos. <i>Biological Reviews</i> , 2019 , 94, 415-438	13.5	49
225	Copy number variation of PR-39 cathelicidin, and identification of PR-35, a natural variant of PR-39 with reduced mammalian cytotoxicity. <i>Gene</i> , 2019 , 692, 88-93	3.8	8
224	Hydrodynamic shear stress promotes epithelial-mesenchymal transition by downregulating ERK and GSK3 β activities. <i>Breast Cancer Research</i> , 2019 , 21, 6	8.3	36
223	Differential Immunomodulatory Effect of Graphene Oxide and Vanillin-Functionalized Graphene Oxide Nanoparticles in Human Acute Monocytic Leukemia Cell Line (THP-1). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	28
222	Microarray profiling of miRNA and mRNA expression in Rag2 knockout and wild-type mouse spleens. <i>Scientific Data</i> , 2018 , 5, 170199	8.2	6
221	Species-specific expression of phosphoglycerate kinase 2 (PGK2) in the developing porcine testis. <i>Theriogenology</i> , 2018 , 110, 158-167	2.8	7
220	A novel mouse model of atopic dermatitis that is T helper 2 (Th2)-polarized by an epicutaneous allergen. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 58, 122-130	5.8	4
219	Unsaturated fatty acids protect trophoblast cells from saturated fatty acid-induced autophagy defects. <i>Journal of Reproductive Immunology</i> , 2018 , 125, 56-63	4.2	9
218	Expression patterns and role of SDF-1/CXCR4 axis in boar spermatogonial stem cells. <i>Theriogenology</i> , 2018 , 113, 221-228	2.8	7
217	GCNF regulates OCT4 expression through its interactions with nuclear receptor binding elements in NCCIT cells. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 2719-2730	4.7	3
216	Determination of complete sequence information of the human ABO blood group orthologous gene in pigs and breed difference in blood type frequencies. <i>Gene</i> , 2018 , 640, 1-5	3.8	4
215	Cytotoxic Potential and Molecular Pathway Analysis of Silver Nanoparticles in Human Colon Cancer Cells HCT116. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	71
214	The novel cathelicidin of naked mole rats, Hg-CATH, showed potent antimicrobial activity and low cytotoxicity. <i>Gene</i> , 2018 , 676, 164-170	3.8	9
213	Antibacterial Efficacy of Silver Nanoparticles on Endometritis Caused by and in Dairy Cattle. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	42

212	MicroRNA and Transcriptomic Profiling Showed miRNA-Dependent Impairment of Systemic Regulation and Synthesis of Biomolecules in Rag2 KO Mice. <i>Molecules</i> , 2018 , 23,	4.8	2
211	Biocompatible Gold Nanoparticles Ameliorate Retinoic Acid-Induced Cell Death and Induce Differentiation in F9 Teratocarcinoma Stem Cells. <i>Nanomaterials</i> , 2018 , 8,	5.4	18
210	Graphene Oxide-Silver Nanocomposite Enhances Cytotoxic and Apoptotic Potential of Salinomycin in Human Ovarian Cancer Stem Cells (OvCSCs): A Novel Approach for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	52
209	Combination Effect of Silver Nanoparticles and Histone Deacetylases Inhibitor in Human Alveolar Basal Epithelial Cells. <i>Molecules</i> , 2018 , 23,	4.8	29
208	Impaired autophagy promotes bile acid-induced hepatic injury and accumulation of ubiquitinated proteins. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 1541-1547	3.4	16
207	Cytotoxicity and Transcriptomic Analysis of Silver Nanoparticles in Mouse Embryonic Fibroblast Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	40
206	Analysis of peptide-SLA binding by establishing immortalized porcine alveolar macrophage cells with different SLA class II haplotypes. <i>Veterinary Research</i> , 2018 , 49, 96	3.8	5
205	Nanoparticle-Mediated Combination Therapy: Two-in-One Approach for Cancer. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	136
204	Characterization of male germ cell markers in canine testis. <i>Animal Reproduction Science</i> , 2017 , 182, 1-8	2.1	11
203	Genomewide Analysis of the Antimicrobial Peptides in Python bivittatus and Characterization of Cathelicidins with Potent Antimicrobial Activity and Low Cytotoxicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	21
202	Stage-specific expression of Sal-like protein 4 in boar testicular germ cells. <i>Theriogenology</i> , 2017 , 101, 44-52	2.8	7
201	Dual functions of silver nanoparticles in F9 teratocarcinoma stem cells, a suitable model for evaluating cytotoxicity- and differentiation-mediated cancer therapy. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7529-7549	7.3	20
200	MicroRNA-7641 is a regulator of ribosomal proteins and a promising targeting factor to improve the efficacy of cancer therapy. <i>Scientific Reports</i> , 2017 , 7, 8365	4.9	20
199	Nanoceria-mediated delivery of doxorubicin enhances the anti-tumour efficiency in ovarian cancer cells via apoptosis. <i>Scientific Reports</i> , 2017 , 7, 9513	4.9	43
198	Histone deacetylase 6 (HDAC6) is an essential factor for oocyte maturation and asymmetric division in mice. <i>Scientific Reports</i> , 2017 , 7, 8131	4.9	13
197	Regulation of Adipogenesis Through Differential Modulation of ROS and Kinase Signaling Pathways by 3,4SDihydroxyflavone Treatment. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1065-1077	4.7	10
196	A Novel Regulatory Mechanism of Type II Collagen Expression via a SOX9-dependent Enhancer in Intron 6. <i>Journal of Biological Chemistry</i> , 2017 , 292, 528-538	5.4	22
195	Silver nanoparticles suppresses brain-derived neurotrophic factor-induced cell survival in the human neuroblastoma cell line SH-SY5Y. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 47, 62-73	6.3	17

194	The cytotoxic effects of dimethyl sulfoxide in mouse preimplantation embryos: a mechanistic study. <i>Theranostics</i> , 2017 , 7, 4735-4752	12.1	36
193	Graphene Oxide-Silver Nanoparticles Nanocomposite Stimulates Differentiation in Human Neuroblastoma Cancer Cells (SH-SY5Y). <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	25
192	̢-microglobulin gene duplication in cetartiodactyla remains intact only in pigs and possibly confers selective advantage to the species. <i>PLoS ONE</i> , 2017 , 12, e0182322	3.7	7
191	Recombination activating gene-2 severe combined immunodeficient pigs and mice engraft human induced pluripotent stem cells differently. <i>Oncotarget</i> , 2017 , 8, 69398-69407	3.3	8
190	Influences of somatic donor cell sex on and embryo development following somatic cell nuclear transfer in pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017 , 30, 585-592	2.4	3
189	Male- and female-derived somatic and germ cell-specific toxicity of silver nanoparticles in mouse. <i>Nanotoxicology</i> , 2016 , 10, 361-73	5.3	56
188	Growth and Differentiation Factor 3 Is Transcriptionally Regulated by OCT4 in Human Embryonic Carcinoma Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 1802-1808	2.3	3
187	Cationic lipid-nanoceria hybrids, a novel nonviral vector-mediated gene delivery into mammalian cells: investigation of the cellular uptake mechanism. <i>Scientific Reports</i> , 2016 , 6, 29197	4.9	39
186	Hypoxia-mediated autophagic flux inhibits silver nanoparticle-triggered apoptosis in human lung cancer cells. <i>Scientific Reports</i> , 2016 , 6, 21688	4.9	64
185	Efficient delivery of C/EBP beta gene into human mesenchymal stem cells via polyethylenimine-coated gold nanoparticles enhances adipogenic differentiation. <i>Scientific Reports</i> , 2016 , 6, 33784	4.9	23
184	The potential of nanoparticles in stem cell differentiation and further therapeutic applications. <i>Biotechnology Journal</i> , 2016 , 11, 1550-1560	5.6	32
183	A highly efficient method for enriching TALEN or CRISPR/Cas9-edited mutant cells. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 705-708	4	7
182	Efficient mRNA delivery with graphene oxide-polyethylenimine for generation of footprint-free human induced pluripotent stem cells. <i>Journal of Controlled Release</i> , 2016 , 235, 222-235	11.7	76
181	In Vitro Ectopic Behavior of Porcine Spermatogonial Germ Cells and Testicular Somatic Cells. <i>Cellular Reprogramming</i> , 2016 , 18, 246-55	2.1	2
180	Effect of hexavalent chromium-treated sperm on in vitro fertilization and embryo development. <i>Toxicology and Industrial Health</i> , 2016 , 32, 1700-10	1.8	5
179	Analysis of the vomeronasal receptor repertoire, expression and allelic diversity in swine. <i>Genomics</i> , 2016 , 107, 208-15	4.3	5
178	Effects of natural resistance-associated macrophage protein 1 and toll-like receptor 2 gene polymorphisms on post-weaning piglet survivability. <i>Genes and Genomics</i> , 2016 , 38, 171-178	2.1	2
177	Partial loss of interleukin 2 receptor gamma function in pigs provides mechanistic insights for the study of human immunodeficiency syndrome. <i>Oncotarget</i> , 2016 , 7, 50914-50926	3.3	7

176	Rapamycin ameliorates chitosan nanoparticle-induced developmental defects of preimplantation embryos in mice. <i>Oncotarget</i> , 2016 , 7, 74658-74677	3.3	11
175	Synthesis of Graphene Oxide-Silver Nanoparticle Nanocomposites: An Efficient Novel Antibacterial Agent. <i>Current Nanoscience</i> , 2016 , 12, 762-773	1.4	15
174	Generation of Fibroblasts Lacking the Sal-like 1 Gene by Using Transcription Activator-like Effector Nuclease-mediated Homologous Recombination. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016 , 29, 564-70	2.4	
173	Subculture of Germ Cell-Derived Colonies with GATA4-Positive Feeder Cells from Neonatal Pig Testes. <i>Stem Cells International</i> , 2016 , 2016, 6029271	5	7
172	Differential Cytotoxic Potential of Silver Nanoparticles in Human Ovarian Cancer Cells and Ovarian Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	26
171	Biochanin A Ameliorates Arsenic-Induced Hepato- and Hematotoxicity in Rats. <i>Molecules</i> , 2016 , 21, 69	4.8	28
170	A Novel Biomolecule-Mediated Reduction of Graphene Oxide: A Multifunctional Anti-Cancer Agent. <i>Molecules</i> , 2016 , 21, 375	4.8	49
169	Cold Water Fish Gelatin Methacryloyl Hydrogel for Tissue Engineering Application. <i>PLoS ONE</i> , 2016 , 11, e0163902	3.7	74
168	Identification of Putative Biomarkers for the Early Stage of Porcine Spermatogonial Stem Cells Using Next-Generation Sequencing. <i>PLoS ONE</i> , 2016 , 11, e0147298	3.7	12
167	Synthesis, toxicity, biocompatibility, and biomedical applications of graphene and graphene-related materials. <i>International Journal of Nanomedicine</i> , 2016 , 11, 1927-45	7.3	167
166	Potential toxicity of engineered nanoparticles in mammalian germ cells and developing embryos: treatment strategies and anticipated applications of nanoparticles in gene delivery. <i>Human Reproduction Update</i> , 2016 , 22, 588-619	15.8	28
165	Peroxisome proliferator-activated receptor γ inhibits Porphyromonas gingivalis lipopolysaccharide-induced activation of matrix metalloproteinase-2 by downregulating NADPH oxidase 4 in human gingival fibroblasts. <i>Molecular Oral Microbiology</i> , 2016 , 31, 398-409	4.6	11
164	Skin penetration-inducing gelatin methacryloyl nanogels for transdermal macromolecule delivery. <i>Macromolecular Research</i> , 2016 , 24, 1115-1125	1.9	11
163	Green fluorescent protein as a scaffold for high efficiency production of functional bacteriotoxic proteins in Escherichia coli. <i>Scientific Reports</i> , 2016 , 6, 20661	4.9	16
162	Human adipose mesenchymal stem cell-derived exosomal-miRNAs are critical factors for inducing anti-proliferation signalling to A2780 and SKOV-3 ovarian cancer cells. <i>Scientific Reports</i> , 2016 , 6, 38498	4.9	117
161	Mitochondrial and metabolic remodeling during reprogramming and differentiation of the reprogrammed cells. <i>Stem Cells and Development</i> , 2015 , 24, 1366-73	4.4	40
160	Development of a simultaneous high resolution typing method for three SLA class II genes, SLA-DQA, SLA-DQB1, and SLA-DRB1 and the analysis of SLA class II haplotypes. <i>Gene</i> , 2015 , 564, 228-32	3.8	11
159	Multidimensional effects of biologically synthesized silver nanoparticles in Helicobacter pylori, Helicobacter felis, and human lung (L132) and lung carcinoma A549 cells. <i>Nanoscale Research Letters</i> , 2015 , 10, 35	5	113

158	Ligand-activated PPAR α upregulates β -smooth muscle actin expression in human dermal fibroblasts: A potential role for PPAR α in wound healing. <i>Journal of Dermatological Science</i> , 2015 , 80, 186-95	4.3	22
157	Pifithrin- α ameliorates resveratrol-induced two-cell block in mouse preimplantation embryos in vitro. <i>Theriogenology</i> , 2015 , 83, 862-73	2.8	5
156	Internalization of silver nanoparticles into mouse spermatozoa results in poor fertilization and compromised embryo development. <i>Scientific Reports</i> , 2015 , 5, 11170	4.9	46
155	Hexavalent chromium induces apoptosis in male somatic and spermatogonial stem cells via redox imbalance. <i>Scientific Reports</i> , 2015 , 5, 13921	4.9	26
154	Inclusion of homologous DNA in nuclease-mediated gene targeting facilitates a higher incidence of bi-allelically modified cells. <i>Xenotransplantation</i> , 2015 , 22, 379-90	2.8	11
153	Genome-wide analysis of DNA methylation in pigs using reduced representation bisulfite sequencing. <i>DNA Research</i> , 2015 , 22, 343-55	4.5	45
152	3,2SDihydroxyflavone-Treated Pluripotent Stem Cells Show Enhanced Proliferation, Pluripotency Marker Expression, and Neuroprotective Properties. <i>Cell Transplantation</i> , 2015 , 24, 1511-32	4	13
151	Oxidative stress and ROS metabolism via down-regulation of sirtuin 3 expression in Cmah-null mice affect hearing loss. <i>Aging</i> , 2015 , 7, 579-94	5.6	33
150	Reduced graphene oxide-silver nanoparticle nanocomposite: a potential anticancer nanotherapy. <i>International Journal of Nanomedicine</i> , 2015 , 10, 6257-76	7.3	154
149	Green Chemistry Approach for Synthesis of Effective Anticancer Palladium Nanoparticles. <i>Molecules</i> , 2015 , 20, 22476-98	4.8	69
148	Differential nanoreprotoxicity of silver nanoparticles in male somatic cells and spermatogonial stem cells. <i>International Journal of Nanomedicine</i> , 2015 , 10, 1335-57	7.3	50
147	Silver nanoparticles cause complications in pregnant mice. <i>International Journal of Nanomedicine</i> , 2015 , 10, 7057-71	7.3	30
146	Effects of silver nanoparticles on neonatal testis development in mice. <i>International Journal of Nanomedicine</i> , 2015 , 10, 6243-56	7.3	22
145	Collagen complexes increase the efficiency of iPS cells generated using fibroblasts from adult mice. <i>Journal of Reproduction and Development</i> , 2015 , 61, 145-53	2.1	3
144	Reduction of graphene oxide by resveratrol: a novel and simple biological method for the synthesis of an effective anticancer nanotherapeutic molecule. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2951-69	7.3	105
143	Comparative assessment of the apoptotic potential of silver nanoparticles synthesized by <i>Bacillus tequilensis</i> and <i>Calocybe indica</i> in MDA-MB-231 human breast cancer cells: targeting p53 for anticancer therapy. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4203-22	7.3	157
142	CMP-Neu5Ac Hydroxylase Null Mice as a Model for Studying Metabolic Disorders Caused by the Evolutionary Loss of Neu5Gc in Humans. <i>BioMed Research International</i> , 2015 , 2015, 830315	3	6
141	Genetic Diversity and mRNA Expression of Porcine MHC Class I Chain-Related 2 (SLA-MIC2) Gene and Development of a High-Resolution Typing Method. <i>PLoS ONE</i> , 2015 , 10, e0135922	3.7	1

140	Lack of Cytosolic Carboxypeptidase 1 Leads to Subfertility due to the Reduced Number of Antral Follicles in <i>pcd3J</i> ^{-/-} Females. <i>PLoS ONE</i> , 2015 , 10, e0139557	3.7	1
139	G protein-coupled receptors in stem cell maintenance and somatic reprogramming to pluripotent or cancer stem cells. <i>BMB Reports</i> , 2015 , 48, 68-80	5.5	30
138	Transcriptional coactivator undifferentiated embryonic cell transcription factor 1 expressed in spermatogonial stem cells: a putative marker of boar spermatogonia. <i>Animal Reproduction Science</i> , 2014 , 150, 115-24	2.1	19
137	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathways. <i>Biotechnology Journal</i> , 2014 , 9, 934-43	5.6	57
136	Peroxisome proliferator-activated receptor β modulates MMP-2 secretion and elastin expression in human dermal fibroblasts exposed to ultraviolet B radiation. <i>Journal of Dermatological Science</i> , 2014 , 76, 44-50	4.3	16
135	Enhanced antibacterial and anti-biofilm activities of silver nanoparticles against Gram-negative and Gram-positive bacteria. <i>Nanoscale Research Letters</i> , 2014 , 9, 373	5	333
134	Oxidative stress mediated cytotoxicity of biologically synthesized silver nanoparticles in human lung epithelial adenocarcinoma cell line. <i>Nanoscale Research Letters</i> , 2014 , 9, 459	5	114
133	A green chemistry approach for synthesizing biocompatible gold nanoparticles. <i>Nanoscale Research Letters</i> , 2014 , 9, 248	5	103
132	Identification and characterization of putative stem cells in the adult pig ovary. <i>Development (Cambridge)</i> , 2014 , 141, 2235-44	6.6	40
131	An in vitro evaluation of graphene oxide reduced by <i>Ganoderma</i> spp. in human breast cancer cells (MDA-MB-231). <i>International Journal of Nanomedicine</i> , 2014 , 9, 1783-97	7.3	57
130	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathways. <i>Biotechnology Journal</i> , 2014 , 9, 934-943	5.6	13
129	Identification and in vitro derivation of spermatogonia in beagle testis. <i>PLoS ONE</i> , 2014 , 9, e109963	3.7	16
128	Ginkgo biloba: a natural reducing agent for the synthesis of cyto-compatible graphene. <i>International Journal of Nanomedicine</i> , 2014 , 9, 363-77	7.3	66
127	Defining the genetic relationship of protegrin-related sequences and the in vivo expression of protegrins. <i>FEBS Journal</i> , 2014 , 281, 5420-31	5.7	10
126	Engraftment of human iPS cells and allogeneic porcine cells into pigs with inactivated RAG2 and accompanying severe combined immunodeficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7260-5	11.5	80
125	MicroRNA dysregulation in liver and pancreas of CMP-Neu5Ac hydroxylase null mice disrupts insulin/PI3K-AKT signaling. <i>BioMed Research International</i> , 2014 , 2014, 236385	3	25
124	Evaluation of reference genes in mouse preimplantation embryos for gene expression studies using real-time quantitative RT-PCR (RT-qPCR). <i>BMC Research Notes</i> , 2014 , 7, 675	2.3	9
123	Enhanced green fluorescent protein-mediated synthesis of biocompatible graphene. <i>Journal of Nanobiotechnology</i> , 2014 , 12, 41	9.4	53

122	Activation of peroxisome proliferator-activated receptor γ inhibits angiotensin II-induced activation of matrix metalloproteinase-2 in vascular smooth muscle cells. <i>Journal of Vascular Research</i> , 2014 , 51, 221-30	1.9	10
121	Alpha-fetoprotein, identified as a novel marker for the antioxidant effect of placental extract, exhibits synergistic antioxidant activity in the presence of estradiol. <i>PLoS ONE</i> , 2014 , 9, e99421	3.7	16
120	Gene expression and pathway analysis of effects of the CMAH deactivation on mouse lung, kidney and heart. <i>PLoS ONE</i> , 2014 , 9, e107559	3.7	14
119	Ligand-activated PPAR γ modulates the migration and invasion of melanoma cells by regulating Snail expression. <i>American Journal of Cancer Research</i> , 2014 , 4, 674-82	4.4	14
118	Biocompatibility effects of biologically synthesized graphene in primary mouse embryonic fibroblast cells. <i>Nanoscale Research Letters</i> , 2013 , 8, 393	5	68
117	Analysis of cattle olfactory subgenome: the first detail study on the characteristics of the complete olfactory receptor repertoire of a ruminant. <i>BMC Genomics</i> , 2013 , 14, 596	4.5	37
116	Humanin: a novel functional molecule for the green synthesis of graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 376-83	6	45
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