

# Myung Chan Gye

## List of Publications by Year in descending order

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69  
papers

1,853  
citations

236925

25  
h-index

276875

41  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2612  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro spermatogenesis by three-dimensional culture of rat testicular cells in collagen gel matrix. <i>Biomaterials</i> , 2006, 27, 2845-2853.	11.4	114
2	The complete mitochondrial genome of the javeline goby <i>Acanthogobius hasta</i> (Perciformes, Gobiidae) and phylogenetic considerations. <i>Gene</i> , 2004, 336, 147-153.	2.2	113
3	Effects of early prepubertal exposure to bisphenol A on the onset of puberty, ovarian weights, and estrous cycle in female mice. <i>Clinical and Experimental Reproductive Medicine</i> , 2011, 38, 75.	1.5	109
4	Effect of electromagnetic field exposure on the reproductive system. <i>Clinical and Experimental Reproductive Medicine</i> , 2012, 39, 1.	1.5	91
5	Successful pregnancy and delivery from frozen-thawed embryos after intracytoplasmic sperm injection using round-headed spermatozoa and assisted oocyte activation in a globozoospermic patient with mosaic down syndrome. <i>Fertility and Sterility</i> , 2001, 75, 445-447.	1.0	88
6	PTTG1 Oncogene Promotes Tumor Malignancy via Epithelial to Mesenchymal Transition and Expansion of Cancer Stem Cell Population. <i>Journal of Biological Chemistry</i> , 2012, 287, 19516-19527.	3.4	86
7	Ex Vivo Characteristics of Human Amniotic Membrane-Derived Stem Cells. <i>Cloning and Stem Cells</i> , 2007, 9, 581-594.	2.6	75
8	Claudin-4 overexpression is associated with epigenetic derepression in gastric carcinoma. <i>Laboratory Investigation</i> , 2011, 91, 1652-1667.	3.7	73
9	Regulation of Cell Proliferation and Migration by Keratin19-Induced Nuclear Import of Early Growth Response-1 in Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2013, 19, 4335-4346.	7.0	68
10	Analysis of estrogen-regulated genes in mouse uterus using cDNA microarray and laser capture microdissection. <i>Journal of Endocrinology</i> , 2004, 181, 157-167.	2.6	55
11	EXPRESSION OF CANNABINOID RECEPTOR 1 IN MOUSE TESTES. <i>Archives of Andrology</i> , 2005, 51, 247-255.	1.0	52
12	Identification of a Novel Role for Endothelins within the Oviduct. <i>Endocrinology</i> , 2010, 151, 2858-2867.	2.8	40
13	Changes in the expression of claudins and transepithelial electrical resistance of mouse Sertoli cells by Leydig cell coculture. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 271-278.	3.6	37
14	Effects of nonylphenol on early embryonic development, pigmentation and 3,5,3,5-tetraiodothyronine-induced metamorphosis in <i>Bombina orientalis</i> (Amphibia: Anura). <i>Chemosphere</i> , 2010, 81, 1292-1300.	8.2	37
15	Effects of flutamide in the rat testis on the expression of occludin, an integral member of the tight junctions. <i>Toxicology Letters</i> , 2003, 143, 217-222.	0.8	36
16	Changes in Inflammatory Cytokines Accompany Deregulation of Claudin-11, Resulting in Inter-Sertoli Tight Junctions in Varicocele Rat Testes. <i>Journal of Urology</i> , 2016, 196, 1303-1312.	0.4	35
17	Fluorescing aptamer-gold nanosensors for enhanced sensitivity to bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 371-379.	7.8	34
18	Effect of estrogen on the expression of occludin in ovariectomized mouse brain. <i>Neuroscience Letters</i> , 2006, 402, 30-34.	2.1	33

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19	Developmental toxicity of dibutyl phthalate and citrate ester plasticizers in <i>Xenopus laevis</i> embryos. <i>Chemosphere</i> , 2018, 204, 523-534.	8.2	33
20	EXPRESSION OF CLAUDIN-1 IN MOUSE TESTIS. <i>Archives of Andrology</i> , 2003, 49, 271-279.	1.0	31
21	Claudin-11 expression increased in spermatogenic defect in human testes. <i>Fertility and Sterility</i> , 2011, 95, 385-388.	1.0	30
22	Effects of L- and T-type Ca <sup>2+</sup> channel blockers on spermatogenesis and steroidogenesis in the prepubertal mouse testis. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 23-30.	2.5	30
23	Developmental and acute toxicity of cetylpyridinium chloride in <i>Bombina orientalis</i> (Amphibia: Anura). <i>Aquatic Toxicology</i> , 2016, 177, 446-453.	4.0	30
24	Toxicological assessment of phthalates and their alternatives using human keratinocytes. <i>Environmental Research</i> , 2019, 175, 316-322.	7.5	29
25	Effect of <i>Spirulina maxima</i> on spermatogenesis and steroidogenesis in streptozotocin-induced type I diabetic male rats. <i>Food Chemistry</i> , 2012, 134, 173-179.	8.2	28
26	Heparin-binding epidermal growth factor (HB-EGF) may improve embryonic development and implantation by increasing vitronectin receptor (integrin $\alpha_1\beta_3$ ) expression in peri-implantation mouse embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2006, 23, 111-119.	2.5	27
27	Di-(2-ethylhexyl) phthalate enhances melanoma tumor growth via differential effect on M1-and M2-polarized macrophages in mouse model. <i>Environmental Pollution</i> , 2018, 233, 833-843.	7.5	26
28	Cytotoxicity measurement of Bisphenol A (BPA) and its substitutes using human keratinocytes. <i>Environmental Research</i> , 2018, 164, 655-659.	7.5	24
29	Aquaporin7 expression during perinatal development of mouse brain. <i>Neuroscience Letters</i> , 2006, 409, 106-111.	2.1	22
30	EFFECTS OF CALCIUM CHANNEL BLOCKERS ON THE SPERMATOGENESIS AND GENE EXPRESSION IN PERIPUBERTAL MOUSE TESTIS. <i>Archives of Andrology</i> , 2006, 52, 311-318.	1.0	21
31	Expression of Occludin in Canine Testis and Epididymis. <i>Reproduction in Domestic Animals</i> , 2004, 39, 43-47.	1.4	20
32	Effects of citrate ester plasticizers and bis (2-ethylhexyl) phthalate in the OECD 28-day repeated-dose toxicity test (OECD TG 407). <i>Environmental Research</i> , 2019, 172, 675-683.	7.5	20
33	EXPRESSION OF CATHEPSIN L IN HUMAN TESTIS UNDER DIVERSE INFERTILITY CONDITIONS. <i>Archives of Andrology</i> , 2004, 50, 187-191.	1.0	18
34	Effect of Carbaryl on Survival and Development in <i>Bombina orientalis</i> (Boulenger) Embryos. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 550-553.	2.7	16
35	Hematopoietic Prostaglandin D Synthase: An ESR1-Dependent Oviductal Epithelial Cell Synthase. <i>Endocrinology</i> , 2012, 153, 1925-1935.	2.8	15
36	Effects of Endosulfan on Survival and Development of <i>Bombina orientalis</i> (Boulenger) Embryos. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 262-265.	2.7	14

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37	The <i>Xenopus laevis</i> teratogenesis assay for developmental toxicity of phthalate plasticizers and alternatives. <i>Environmental Pollution</i> , 2022, 300, 118985.	7.5	14
38	Effects of Molinate on Survival and Development of <i>Bombina orientalis</i> (Boulenger) Embryos. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 82, 305-309.	2.7	13
39	Developmental toxicity of treated municipal wastewater effluent on <i>Bombina orientalis</i> (Amphibia: Anura) embryos. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 954-961.	4.3	13
40	Comparative toxicological evaluation of nonylphenol and nonylphenol polyethoxylates using human keratinocytes. <i>Drug and Chemical Toxicology</i> , 2018, 41, 486-491.	2.3	13
41	Rapid and sensitive determination of bisphenol A using aptamer and split DNAzyme. <i>Chemosphere</i> , 2019, 228, 110-116.	8.2	13
42	A New 2-Pyrone Derivative, 5-Bromo-3-(3-hydroxyprop-1-ynyl)-2H-pyran-2-one, Suppresses Stemness in Glioma Stem-Like Cells. <i>Molecular Pharmacology</i> , 2012, 82, 400-407.	2.3	11
43	Pharmacokinetic Properties of Acetyl Tributyl Citrate, a Pharmaceutical Excipient. <i>Pharmaceutics</i> , 2018, 10, 177.	4.5	11
44	Effects of nonylphenols on embryonic development and metamorphosis of <i>Xenopus laevis</i> : FETAX and amphibian metamorphosis toxicity test (OECD TG231). <i>Environmental Research</i> , 2019, 174, 14-23.	7.5	11
45	Postnatal Changes in the Expression of Claudin-11 in the Testes and Excurrent Ducts of the Domestic Rabbit ( <i>Oryctolagus cuniculus domesticus</i> ). <i>Journal of Andrology</i> , 2011, 32, 295-306.	2.0	10
46	Liquid chromatography-tandem mass spectrometric analysis of acetyl tributyl citrate for migration testing of food contact materials. <i>Microchemical Journal</i> , 2018, 139, 475-479.	4.5	10
47	Coxsackievirus and Adenovirus Receptor, a Tight Junction Protein, in Peri-Implantation Mouse Embryos. <i>Biology of Reproduction</i> , 2016, 95, 5-5.	2.7	9
48	Effects of Recombinant Human Growth Hormone on the Onset of Puberty, Leydig Cell Differentiation, Spermatogenesis and Hypothalamic KISS1 Expression in Immature Male Rats. <i>World Journal of Men's Health</i> , 2021, 39, 381.	3.3	9
49	Sensitization of vitellogenin gene expression by low doses of octylphenol is mediated by estrogen receptor autoregulation in the <i>Bombina orientalis</i> (Boulenger) male liver. <i>Aquatic Toxicology</i> , 2014, 156, 191-200.	4.0	8
50	Use of $\beta$ -Actin Gene Intron 2 as a Phylogenetic Marker in Fish Taxonomy. <i>DNA Sequence</i> , 2001, 12, 71-76.	0.7	7
51	EXPRESSION OF P57KIP2 IN GERM CELLS AND LEYDIG CELLS IN HUMAN TESTIS. <i>Archives of Andrology</i> , 2006, 52, 463-469.	1.0	7
52	Expression of activated HER2 in human testes. <i>Fertility and Sterility</i> , 2011, 95, 2725-2728.	1.0	7
53	Detection of Matrix Metalloproteinase Activity by Bioluminescence via Intein-Mediated Biotinylation of Luciferase. <i>Sensors</i> , 2018, 18, 875.	3.8	7
54	Pharmacokinetics and Metabolism of Acetyl Triethyl Citrate, a Water-Soluble Plasticizer for Pharmaceutical Polymers in Rats. <i>Pharmaceutics</i> , 2019, 11, 162.	4.5	7

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55	4-Octylphenol induces developmental abnormalities and interferes the differentiation of neural crest cells in <i>Xenopus laevis</i> embryos. <i>Environmental Pollution</i> , 2021, 274, 116560.	7.5	7
56	Expression of p57 <sup>kip2</sup> in mouse and human testes. <i>Development Growth and Differentiation</i> , 2004, 46, 495-502.	1.5	6
57	Claudin 11 Inter-Sertoli Tight Junctions in the Testis of the Korean Soft-Shell Turtle ( <i>Pelodiscus</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc 2.7	2.7	6
58	EXPRESSION OF P50 C-TERMINAL SRC KINASE (CSK) IN MOUSE TESTIS. <i>Archives of Andrology</i> , 2004, 50, 287-293.	1.0	5
59	Postnatal changes in the expression of p60c-Src in mouse testes. <i>Development Growth and Differentiation</i> , 2005, 47, 233-242.	1.5	5
60	Expression of Coxsackievirus and Adenovirus Receptor Isoforms in Developing Mouse Bladder Uroepithelium. <i>Urology</i> , 2011, 77, 1009.e9-1009.e18.	1.0	5
61	Nickel affects gill and muscle development in oriental fire-bellied toad ( <i>Bombina orientalis</i> ) embryos. <i>Aquatic Toxicology</i> , 2017, 182, 67-78.	4.0	5
62	A 45-kDa cAMP-dependent phosphoprotein which is related to the product of Mst57Dc in <i>Drosophila melanogaster</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1999, 29, 701-710.	2.7	4
63	Cyclic Changes in the Expression of p57kip2 in Human Endometrium and its Regulation by Steroid Hormones in Endometrial Stromal Cells In Vitro. <i>Reproductive Sciences</i> , 2012, 19, 92-101.	2.5	4
64	Rapid Detection of Glycogen Synthase Kinase-3 Activity in Mouse Sperm Using Fluorescent Gel Shift Electrophoresis. <i>Sensors</i> , 2016, 16, 551.	3.8	4
65	The $\beta$ -Actin Gene of Two Species of Southern Top Mouth Minnow ( <i>Pseudorasbora parva</i> ) and the Common Fat Minnow ( <i>Rhynchocypris oxycephalus</i> ) from the Family Cyprinidae. <i>DNA Sequence</i> , 2000, 11, 301-307.	0.7	3
66	Expression of p57kip2 in mouse and human testes. <i>Development Growth and Differentiation</i> , 2004, 46, 495-502.	1.5	3
67	Effects of bilateral vasectomy on the interleukin 1 system in mouse epididymis. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 235-242.	1.2	3
68	Increased testicular insulin-like growth factor 1 is associated with gonadal activation by recombinant growth hormone in immature rats. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 72.	3.3	3
69	Genotoxicity and glucose tolerance induction by acetyltriethylcitrate, substitute plasticizer compared to di(2-ethylhexyl)phthalate. <i>Scientific Reports</i> , 2019, 9, 12237.	3.3	0