

Hwa-Young Son

List of Publications by Year in descending order

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80
papers

1,418
citations

331670

21
h-index

395702

33
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82
all docs

82
docs citations

82
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated-oral dose toxicity of polyethylene microplastics and the possible implications on reproduction and development of the next generation. <i>Toxicology Letters</i> , 2020, 324, 75-85.	0.8	120
2	Zearalenone induces male germ cell apoptosis in rats. <i>Toxicology Letters</i> , 2003, 138, 185-192.	0.8	94
3	TXNIP/VDUP1 attenuates steatohepatitis via autophagy and fatty acid oxidation. <i>Autophagy</i> , 2021, 17, 2549-2564.	9.1	76
4	Deletion of hepatic Ctr1 reveals its function in copper acquisition and compensatory mechanisms for copper homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G356-G364.	3.4	68
5	The Effects of Propionate and Valerate on Insulin Responsiveness for Glucose Uptake in 3T3-L1 Adipocytes and C2C12 Myotubes via G Protein-Coupled Receptor 41. <i>PLoS ONE</i> , 2014, 9, e95268.	2.5	55
6	Protective Effect of Korean Red Ginseng against Aflatoxin B ₁ -Induced Hepatotoxicity in Rat. <i>Journal of Ginseng Research</i> , 2011, 35, 243-249.	5.7	46
7	Activation of NAD(P)H:quinone oxidoreductase ameliorates spontaneous hypertension in an animal model via modulation of eNOS activity. <i>Cardiovascular Research</i> , 2011, 91, 519-527.	3.8	44
8	Effects of maternal exposure to di(2-ethylhexyl)phthalate (DEHP) during pregnancy on susceptibility to neonatal asthma. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 402-407.	2.8	41
9	Platycodin D, a triterpenoid saponin from <i>Platycodon grandiflorum</i> , ameliorates cisplatin-induced nephrotoxicity in mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 4254-4259.	3.6	38
10	Mucosal Vaccination with Recombinant <i>Lactobacillus casei</i> -Displayed CTAI-Conjugated Consensus Matrix Protein-2 (sM2) Induces Broad Protection against Divergent Influenza Subtypes in BALB/c Mice. <i>PLoS ONE</i> , 2014, 9, e94051.	2.5	38
11	Lack of Effect of Soy Isoflavone on Thyroid Hyperplasia in Rats Receiving an Iodine-deficient Diet. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 103-108.	1.7	33
12	Simultaneous Treatment With Benzyl Isothiocyanate, a Strong Bladder Promoter, Inhibits Rat Urinary Bladder Carcinogenesis by N-Butyl-N-(4-Hydroxybutyl)Nitrosamine. <i>Nutrition and Cancer</i> , 2002, 42, 211-216.	2.0	30
13	The highly conserved HA2 protein of the influenza A virus induces a cross protective immune response. <i>Journal of Virological Methods</i> , 2013, 194, 280-288.	2.1	30
14	Red Ginseng Ameliorates Acute Cisplatin-Induced Nephropathy. <i>Planta Medica</i> , 2014, 80, 645-654.	1.3	30
15	Isoimperatorin attenuates airway inflammation and mucus hypersecretion in an ovalbumin-induced murine model of asthma. <i>International Immunopharmacology</i> , 2017, 49, 67-76.	3.8	29
16	Promoting effects of combined antioxidant and sodium nitrite treatment on forestomach carcinogenesis in rats after initiation with N-methyl-N- ϵ -nitro-N-nitrosoguanidine. <i>Cancer Letters</i> , 2002, 178, 19-24.	7.2	28
17	<i>Quisqualis indica&/i>; Improves Benign Prostatic Hyperplasia by Regulating Prostate Cell Proliferation and Apoptosis. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2125-2133.	1.4	28
18	A 28-day oral gavage toxicity study of 3-monochloropropane-1,2-diol (3-MCPD) in CB6F1-non-Tg rasH2 mice. <i>Food and Chemical Toxicology</i> , 2015, 86, 95-103.	3.6	25

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19	Involvement of the Fas and Fas ligand in testicular germ cell apoptosis by zearalenone in rat. <i>Journal of Veterinary Science</i> , 2010, 11, 115.	1.3	23
20	Antioxidant and antiasthmatic effects of saucerneol D in a mouse model of airway inflammation. <i>International Immunopharmacology</i> , 2011, 11, 698-705.	3.8	22
21	Platycodin D attenuates bile duct ligation-induced hepatic injury and fibrosis in mice. <i>Food and Chemical Toxicology</i> , 2013, 51, 364-369.	3.6	22
22	Attenuation of ischemia-reperfusion injury by ascorbic acid in the canine renal transplantation. <i>Journal of Veterinary Science</i> , 2006, 7, 375.	1.3	21
23	Lack of Modifying Effects of Environmental Estrogenic Compounds on the Development of Thyroid Proliferative Lesions in Male Rats Pretreated with N-Bis(2-hydroxypropyl)nitrosamine (DHPN). <i>Japanese Journal of Cancer Research</i> , 2000, 91, 899-905.	1.7	20
24	Asteris Radix et Rhizoma suppresses testosterone-induced benign prostatic hyperplasia in rats by regulating apoptosis and inflammation. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112779.	4.1	20
25	Toxicological safety evaluation of freeze-dried <i>Protaetia brevitarsis</i> larva powder. <i>Toxicology Reports</i> , 2018, 5, 695-703.	3.3	19
26	Subacute dermal toxicity of perfluoroalkyl carboxylic acids: comparison with different carbon-chain lengths in human skin equivalents and systemic effects of perfluoroheptanoic acid in Sprague Dawley rats. <i>Archives of Toxicology</i> , 2020, 94, 523-539.	4.2	19
27	Expression of miRNA-122 Induced by Liver Toxicants in Zebrafish. <i>BioMed Research International</i> , 2016, 2016, 1-7.	1.9	18
28	Protective Effects of Manassantin A against Ethanol-Induced Gastric Injury in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 221-229.	1.4	18
29	Lack of Modification by Environmental Estrogenic Compounds of Thyroid Carcinogenesis in Ovariectomized Rats Pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN). <i>Japanese Journal of Cancer Research</i> , 2000, 91, 966-972.	1.7	17
30	Modifying effects of 4-phenylbutyl isothiocyanate on N-nitrosobis(2-oxopropyl)amine-induced tumorigenesis in hamsters. <i>Cancer Letters</i> , 2000, 160, 141-147.	7.2	17
31	Synergistic Effects of High-dose Soybean Intake with Iodine Deficiency, but Not Sulfadimethoxine or Phenobarbital, on Rat Thyroid Proliferation. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 390-395.	1.7	17
32	<i>Ulmus macrocarpa</i> Hance improves benign prostatic hyperplasia by regulating prostatic cell apoptosis. <i>Journal of Ethnopharmacology</i> , 2019, 233, 115-122.	4.1	17
33	Local drug delivery using poly(lactic-co-glycolic acid) nanoparticles in thermosensitive gels for inner ear disease treatment. <i>Drug Delivery</i> , 2021, 28, 2268-2277.	5.7	17
34	MX, a by-product of water chlorination, lacks in vivo genotoxicity in gpt delta mice but inhibits gap junctional intercellular communication in rat WB cells. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 48-55.	2.2	15
35	Protective Effects of <i>Platycodon grandiflorum</i> Aqueous Extract on Thioacetamide-induced Fulminant Hepatic Failure in Mice. <i>Journal of Toxicologic Pathology</i> , 2011, 24, 223-228.	0.7	15
36	Effect of <i>Veratrum maackii</i> on Testosterone Propionate-Induced Benign Prostatic Hyperplasia in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1-9.	1.4	15

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37	Methylsulfonylmethane suppresses hepatic tumor development through activation of apoptosis. <i>World Journal of Hepatology</i> , 2014, 6, 98.	2.0	15
38	Topical application of <i>Scutellaria baicalensis</i> suppresses 2,4-dinitrochlorobenzene-induced contact dermatitis. <i>Natural Product Research</i> , 2016, 30, 705-709.	1.8	14
39	Enhancement by Cigarette Smoke Exposure of 2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline-induced Rat Hepatocarcinogenesis in Close Association with Elevation of Hepatic CYP1A2. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 24-31.	1.7	13
40	Lack of significant inhibitory effects of a plant lignan tracheloside on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP)-induced mammary carcinogenesis in female Sprague-Dawley rats. <i>Cancer Letters</i> , 2003, 200, 133-139.	7.2	13
41	meso-Dihydroguaiaretic acid attenuates airway inflammation and mucus hypersecretion in an ovalbumin-induced murine model of asthma. <i>International Immunopharmacology</i> , 2016, 31, 239-247.	3.8	13
42	Hepatoprotective and Anti-Hepatitis C Viral Activity of <i>Platycodon grandiflorum</i> Extract on Carbon Tetrachloride-Induced Acute Hepatic Injury in Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2012, 58, 187-194.	0.6	11
43	Twenty-six-week oral carcinogenicity study of 3-monochloropropane-1,2-diol in CB6F1-rasH2 transgenic mice. <i>Archives of Toxicology</i> , 2017, 91, 453-464.	4.2	11
44	Instrumental Methods for Differentiation of Frozen-thawed from Fresh Broiler Breast Fillets. <i>Korean Journal for Food Science of Animal Resources</i> , 2011, 31, 27-31.	1.5	11
45	Involvement of Lipid Peroxidation in Spontaneous Pancreatitis in WBN/Kob Rats. <i>Pancreas</i> , 2001, 22, 427-430.	1.1	9
46	Synergistic interaction between excess caffeine and deficient iodine on the promotion of thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine. <i>Cancer Science</i> , 2003, 94, 334-337.	3.9	9
47	Inhibition by methionine of pancreatic carcinogenesis in hamsters after initiation with N-nitrosobis(2-oxopropyl) amine. <i>Cancer Letters</i> , 2000, 152, 163-167.	7.2	8
48	Pronounced Synergistic Promotion of N-Bis(2-hydroxypropyl)Nitrosamine-Initiated Thyroid Tumorigenesis in Rats Treated with Excess Soybean and Iodine-Deficient Diets. <i>Toxicological Sciences</i> , 2005, 86, 258-263.	3.1	8
49	<i>Diospyros blancoi</i> Attenuates Asthmatic Effects in a Mouse Model of Airway Inflammation. <i>Inflammation</i> , 2012, 35, 623-632.	3.8	8
50	Heterosubtypic protective immunity against widely divergent influenza subtypes induced by fusion protein 4sM2 in BALB/c mice. <i>Virology Journal</i> , 2014, 11, 21.	3.4	8
51	Developmental and Degenerative Characterization of Porcine Parthenogenetic Fetuses during Early Pregnancy. <i>Animals</i> , 2020, 10, 622.	2.3	7
52	Lack of modifying effects of atrazine and/or tamoxifen on thyroid carcinogenesis in rats pretreated with N-bis(2-hydroxypropyl)nitrosamine (DHPN). <i>Food and Chemical Toxicology</i> , 2003, 41, 1811-1816.	3.6	6
53	Prolonged effects of 17β -estradiol 3-benzoate on thyroid tumorigenesis in gonadectomized rats pretreated with N-bis(2-hydroxypropyl)nitrosamine. <i>Cancer Letters</i> , 2003, 190, 21-29.	7.2	6
54	Effects of Red Ginseng Extract on Zearalenone Induced Spermatogenesis Impairment in Rat. <i>Journal of Ginseng Research</i> , 2011, 35, 294-300.	5.7	6

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55	Magnesium augments immunosuppressive effects of a corticosteroid in obese mice with airway inflammation. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2021, 39, 15-24.	0.4	6
56	Implementation and Practice of Deep Learning-Based Instance Segmentation Algorithm for Quantification of Hepatic Fibrosis at Whole Slide Level in Sprague-Dawley Rats. <i>Toxicologic Pathology</i> , 2022, 50, 186-196.	1.8	6
57	Specificity of Co-Promoting Effects of Caffeine on Thyroid Carcinogenesis in Rats Pretreated with N-Bis(2-hydroxypropyl)nitrosamine. <i>Toxicologic Pathology</i> , 2004, 32, 338-344.	1.8	5
58	Concurrent administration of fish meal and sodium nitrite does not promote renal carcinogenesis in rats after initiation with N-ethyl-N-hydroxyethylnitrosamine. <i>Cancer Letters</i> , 2000, 154, 45-51.	7.2	4
59	Preclinical assessment of thrombin- ϵ -preconditioned human Wharton's jelly-derived mesenchymal stem cells for neonatal hypoxic-ischaemic brain injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10430-10440.	3.6	4
60	Somatostatin down-regulates LFA-1 activation by modulating Rap1 expression in CD4+ and CD8+ T cells. <i>Regulatory Peptides</i> , 2005, 124, 151-156.	1.9	3
61	Bilateral Ovarian Cysts Originating from Rete Ovarii in an African Green Monkey (<i>Cercopithecus Aethiops</i>). <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1229-1232.	0.9	3
62	Genetically obese (ob/ob) mice are resistant to the lethal effects of thioacetamide hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2016, 291, 38-45.	2.8	3
63	Higher incidence of sperm granuloma in the epididymis of C57BL/6N mice. <i>Laboratory Animal Research</i> , 2018, 34, 20.	2.5	3
64	Sub-chronic oral toxicity of the aqueous extract of lithospermi radix in Fischer 344 rats. <i>Journal of Ethnopharmacology</i> , 2019, 235, 406-414.	4.1	3
65	Toxicological assessments of an ethanol extract complex of <i>Descurainia sophia</i> and <i>Peucedanum praeruptorum</i> : Subacute oral toxicity and genotoxicity studies. <i>Journal of Applied Toxicology</i> , 2020, 40, 965-978.	2.8	3
66	Effect of Atrazine, Perfluorooctanoic Acid and Zearalenone on IFN γ , TNF α , and IL-5 mRNA Expression in Jurkat Cells. <i>Biomolecules and Therapeutics</i> , 2010, 18, 286-293.	2.4	3
67	Effect of repeated <i>Paecilomyces japonica</i> treatment on rats. <i>Korean Journal of Veterinary Research</i> , 2014, 54, 31-38.	0.2	3
68	Effects of Benzo[a]pyrene, 2-Bromopropane, Phenol and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin on Proinflammatory Cytokines Gene Expression by Mice Spleen Cells. <i>Journal of Veterinary Science</i> , 2002, 3, 247.	1.3	2
69	Organ-dependent modifying effects of oltipraz on N-nitrosobis(2-oxopropyl)amine (BOP)-initiation of tumorigenesis in hamsters. <i>Cancer Letters</i> , 2000, 153, 211-218.	7.2	1
70	Histological and Genetic Characterization of True Hermaphroditism in Korean Pigs. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 203-206.	0.9	1
71	In vitro skin irritation assessment using EpiDerm ® : applicability for updating toxicity information of oxybenzone and N,N-diethyl-m-toluamide. <i>Drug and Chemical Toxicology</i> , 2020, 43, 361-368.	2.3	1
72	Effects of <i>Ascaris suum</i> Extract and Sulfamethoxazole on Allergic Airway Inflammation. <i>Biomolecules and Therapeutics</i> , 2011, 19, 466-471.	2.4	1

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73	Histopathological changes of testes and eyes by neutron irradiation with boron compounds in mice. Journal of Veterinary Science, 2006, 7, 19.	1.3	1
74	Effects of octreotide, a somatostatin analogue, on initiation of pancreatic carcinogenesis in hamsters with N-nitrosobis(2-oxopropyl)amine. Cancer Letters, 2000, 159, 43-48.	7.2	0
75	Pathological features of bone marrow transplantation-related toxicity in a mouse. Journal of Veterinary Science, 2009, 10, 361.	1.3	0
76	Myxoid liposarcoma in a dog. Korean Journal of Veterinary Research, 2014, 54, 63-66.	0.2	0
77	Concurrent Administration of Fish Meal and Sodium Nitrite Does not Promote Glandular Stomach Carcinogenesis in Rats after Treatment with N-methyl-N'-nitro-N-nitrosoguanidine.. Journal of Toxicologic Pathology, 1999, 12, 171-176.	0.7	0
78	Adjuvant Metronomic Chemotherapy in a Dog with Nasal Transitional Carcinoma. Journal of Veterinary Clinics, 2015, 32, 183.	0.1	0
79	Uterine Leiomyosarcoma in a Lion-Head Rabbit. Journal of Veterinary Clinics, 2020, 37, 109-113.	0.1	0
80	Fatal Systemic Infection of Clostridium tarantellae in a Wild Korean Raccoon Dog (Nyctereutes Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.8	0