

Kyu Hyuck Chung

List of Publications by Year in descending order

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70
papers

1,904
citations

304743

22
h-index

276875

41
g-index

70
all docs

70
docs citations

70
times ranked

3253
citing authors

#	ARTICLE	IF	CITATIONS
1	Reprogrammed lung epithelial cells by decrease of miR-451a in extracellular vesicles contribute to aggravation of pulmonary fibrosis. <i>Cell Biology and Toxicology</i> , 2022, 38, 725-740.	5.3	10
2	Comparison of 3D airway models for the assessment of fibrogenic chemicals. <i>Toxicology Letters</i> , 2022, 356, 100-109.	0.8	4
3	Anti-fibrotic effects of brevilin A in hepatic fibrosis via inhibiting the STAT3 signaling pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 41, 127989.	2.2	9
4	Effects of tobacco compound 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) on the expression of epigenetically regulated genes in lung carcinogenesis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 1004-1019.	2.3	3
5	Pre-validation of a Calu-3 epithelium cytotoxicity assay for predicting acute inhalation toxicity of chemicals. <i>Toxicology in Vitro</i> , 2021, 75, 105136.	2.4	1
6	(â€“)Catechin-7-O-Î²-d-Apiofuranoside Inhibits Hepatic Stellate Cell Activation by Suppressing the STAT3 Signaling Pathway. <i>Cells</i> , 2020, 9, 30.	4.1	22
7	Hepatoprotective Potency of Chrysophanol 8-O-Glucoside from <i>Rheum palmatum</i> L. against Hepatic Fibrosis via Regulation of the STAT3 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9044.	4.1	10
8	Tyrosine kinase inhibitor neratinib attenuates liver fibrosis by targeting activated hepatic stellate cells. <i>Scientific Reports</i> , 2020, 10, 14756.	3.3	9
9	Isolation and Characterization of Phenylpropanoid and Lignan Compounds from <i>Peperomia pellucida</i> [L.] Kunth with Estrogenic Activities. <i>Molecules</i> , 2020, 25, 4914.	3.8	7
10	Effects of Î²-Sitosterol from Corn Silk on TGF-Î²1-Induced Epithelialâ€“Mesenchymal Transition in Lung Alveolar Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9789-9795.	5.2	35
11	Î²-Peltoboykinolic Acid from <i>Astilbe rubra</i> Attenuates TGF-Î²1-Induced Epithelial-to-Mesenchymal Transitions in Lung Alveolar Epithelial Cells. <i>Molecules</i> , 2019, 24, 2573.	3.8	7
12	Akt and Notch pathways mediate polyhexamethylene guanidine phosphate-induced epithelial-mesenchymal transition via ZEB2. <i>Toxicology and Applied Pharmacology</i> , 2019, 380, 114691.	2.8	24
13	Polyhexamethylene guanidine phosphate-induced ROS-mediated DNA damage caused cell cycle arrest and apoptosis in lung epithelial cells. <i>Journal of Toxicological Sciences</i> , 2019, 44, 415-424.	1.5	27
14	Guanidine-based disinfectants, polyhexamethylene guanidine-phosphate (PHMG-P), polyhexamethylene		

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19	Differential toxicities of fine particulate matters from various sources. <i>Scientific Reports</i> , 2018, 8, 17007.	3.3	233
20	The Inhibitory Effects of Cyclodepsipeptides from the Entomopathogenic Fungus <i>Beauveria bassiana</i> on Myofibroblast Differentiation in A549 Alveolar Epithelial Cells. <i>Molecules</i> , 2018, 23, 2568.	3.8	4
21	A review of current studies on cellular and molecular mechanisms underlying pulmonary fibrosis induced by chemicals. <i>Environmental Health and Toxicology</i> , 2018, 33, e2018014.	1.8	15
22	Total Synthesis and Anti-inflammatory Evaluation of Penchinone A and Its Structural Analogues. <i>Journal of Organic Chemistry</i> , 2017, 82, 11566-11572.	3.2	13
23	Novel approach to study the cardiovascular effects and mechanism of action of urban particulate matter using lung epithelial-endothelial tetra-culture system. <i>Toxicology in Vitro</i> , 2017, 38, 33-40.	2.4	9
24	In vitro inflammatory effects of polyhexamethylene biguanide through NF- κ B activation in A549 cells. <i>Toxicology in Vitro</i> , 2017, 38, 1-7.	2.4	22
25	Pharbilignan C induces apoptosis through a mitochondria-mediated intrinsic pathway in human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4645-4649.	2.2	14
26	Ginkgo biloba extract EGb 761-mediated inhibition of aromatase for the treatment of hormone-dependent breast cancer. <i>Food and Chemical Toxicology</i> , 2016, 87, 157-165.	3.6	29
27	Polyhexamethylene guanidine phosphate aerosol particles induce pulmonary inflammatory and fibrotic responses. <i>Archives of Toxicology</i> , 2016, 90, 617-632.	4.2	97
28	The effects of the standardized extracts of Ginkgo biloba on steroidogenesis pathways and aromatase activity in H295R human adrenocortical carcinoma cells. <i>Environmental Health and Toxicology</i> , 2016, 31, e2016010.	1.8	5
29	Combined approaches using adverse outcome pathways and big data to find potential diseases associated with humidifier disinfectant. <i>Environmental Health and Toxicology</i> , 2016, 32, e2017003.	1.8	6
30	Inhibitory effect of <i>Sphagnum palustre</i> extract and its bioactive compounds on aromatase activity. <i>Bangladesh Journal of Pharmacology</i> , 2016, 11, 661.	0.4	4
31	Nationwide Study of Humidifier Disinfectant Lung Injury in South Korea, 1994-2011. Incidence and Dose-Response Relationships. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1813-1821.	3.2	75
32	The role of NF- κ B signaling pathway in polyhexamethylene guanidine phosphate induced inflammatory response in mouse macrophage RAW264.7 cells. <i>Toxicology Letters</i> , 2015, 233, 148-155.	0.8	43
33	Anti-inflammatory activity of a new cyclic peptide, citrusin XI, isolated from the fruits of <i>Citrus unshiu</i> . <i>Journal of Ethnopharmacology</i> , 2015, 163, 106-112.	4.1	44
34	Development of a comprehensive spectral library of sildenafil and related active analogues using LC-MS and its application for screening counterfeit pharmaceuticals. <i>Forensic Science International</i> , 2015, 257, 182-188.	2.2	14
35	Ethanol extract of dandelion (<i>Taraxacum mongolicum</i>) induces estrogenic activity in MCF-7 cells and immature rats. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 808-814.	1.3	12
36	An LC-MS/MS method for the determination of five erectile dysfunction drugs and their selected metabolites in hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 1-10.	2.3	16

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37	Comparative evaluation of the mutagenicity and genotoxicity of smoke condensate derived from Korean cigarettes. <i>Environmental Health and Toxicology</i> , 2015, 30, e2015014.	1.8	8
38	Inhibitory Aromatase Effects of Flavonoids from Ginkgo Biloba Extracts on Estrogen Biosynthesis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6317-6325.	1.2	19
39	Design and synthesis of azaisoflavone analogs as phytoestrogen mimetics. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 107-118.	5.5	10
40	Age-related differences in kidney injury biomarkers induced by cisplatin. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 1028-1039.	4.0	17
41	Developmental toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin in artificially fertilized crucian carp (<i>Carassius auratus</i>) embryo. <i>Science of the Total Environment</i> , 2014, 491-492, 271-278.	8.0	6
42	A surrogate analyte-based LC-MS/MS method for the determination of \hat{I}^3 -hydroxybutyrate (GHB) in human urine and variation of endogenous urinary concentrations of GHB. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 193-200.	2.8	24
43	Evaluation of Renal Toxicity by Combination Exposure to Melamine and Cyanuric Acid in Male Sprague-Dawley Rats. <i>Toxicological Research</i> , 2014, 30, 99-107.	2.1	20
44	Quantitative LC-MS/MS method in urine for the detection of drugs used to reverse the effects of chemical castration. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3185-3194.	3.7	11
45	The Inhibitory Effects of the Standardized Extracts of <i>Ginkgo biloba</i> on Aromatase Activity in JEG-3 Human Choriocarcinoma Cells. <i>Phytotherapy Research</i> , 2013, 27, 1756-1762.	5.8	7
46	Chemopreventive effects of Ginkgo biloba extract in estrogen-negative human breast cancer cells. <i>Archives of Pharmacal Research</i> , 2013, 36, 102-108.	6.3	18
47	Estrogenic effects and their action mechanism of the major active components of party pill drugs. <i>Toxicology Letters</i> , 2012, 214, 339-347.	0.8	6
48	Genotoxic effects and oxidative stress induced by organic extracts of particulate matter (PM10) collected from a subway tunnel in Seoul, Korea. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 749, 39-47.	1.7	52
49	Development of a simultaneous analytical method for selected anorectics, methamphetamine, MDMA, and their metabolites in hair using LC-MS/MS to prove anorectics abuse. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1385-1394.	3.7	27
50	Organic extracts of urban air pollution particulate matter (PM2.5)-induced genotoxicity and oxidative stress in human lung bronchial epithelial cells (BEAS-2B cells). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 723, 142-151.	1.7	167
51	Genotoxic effects of silver nanoparticles stimulated by oxidative stress in human normal bronchial epithelial (BEAS-2B) cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 129-135.	1.7	188
52	Feasibility of rat hair as a quality control material for the determination of methamphetamine and amphetamine in human hair. <i>Archives of Pharmacal Research</i> , 2011, 34, 593-598.	6.3	7
53	Thebaine in hair as a marker for chronic use of illegal opium poppy substances. <i>Forensic Science International</i> , 2011, 204, 115-118.	2.2	22
54	Analysis of pubic hair as an alternative specimen to scalp hair: A contamination issue. <i>Forensic Science International</i> , 2011, 206, 19-21.	2.2	26

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55	Detection of phentermine in hair samples from drug suspects. <i>Forensic Science International</i> , 2011, 207, e5-e7.	2.2	11
56	Determination of Illegally Abused Sedative-Hypnotics in Hair Samples from Drug Offenders. <i>Journal of Analytical Toxicology</i> , 2011, 35, 312-315.	2.8	23
57	Simultaneous quantification of opiates and effect of pigmentation on its deposition in hair. <i>Archives of Pharmacal Research</i> , 2010, 33, 1805-1811.	6.3	8
58	Identification of estrogen-like effects and biologically active compounds in river water using bioassays and chemical analysis. <i>Science of the Total Environment</i> , 2009, 407, 5787-5794.	8.0	17
59	Effects of ginkgo biloba on in vitro osteoblast cells and ovariectomized rat osteoclast cells. <i>Archives of Pharmacal Research</i> , 2008, 31, 216-224.	6.3	19
60	Identification of estrogenic and antiestrogenic activities of respirable diesel exhaust particles by bioassay-directed fractionation. <i>Archives of Pharmacal Research</i> , 2008, 31, 75-82.	6.3	30
61	Antiestrogenic potentials of ortho-PCB congeners by single or complex exposure. <i>Archives of Pharmacal Research</i> , 2007, 30, 199-209.	6.3	22
62	Antiestrogenic activities of Ginkgo biloba extracts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 100, 167-176.	2.5	46
63	Biphasic effects of kaempferol on the estrogenicity in human breast cancer cells. <i>Archives of Pharmacal Research</i> , 2006, 29, 354-362.	6.3	57
64	Estrogenic effects of marijuana smoke condensate and cannabinoid compounds. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 270-278.	2.8	19
65	Antiestrogenic effects of marijuana smoke condensate and cannabinoid compounds. <i>Archives of Pharmacal Research</i> , 2005, 28, 1365-1375.	6.3	13
66	Novel Quantitative Assessment for the Toxic Effect of Polycyclic Aromatic Hydrocarbon-Like Compounds in a Water Environment Using the Ethoxyresorufin O-Deethylase Microbioassay.. <i>Journal of Health Science</i> , 2003, 49, 59-64.	0.9	4
67	Antiestrogenic Action of Atrazine and its Major Metabolites in Vitro.. <i>Journal of Health Science</i> , 2003, 49, 65-71.	0.9	18
68	Organ Distribution of Heavy Metals in Autopsy Material from Normal Korean.. <i>Journal of Health Science</i> , 2002, 48, 186-194.	0.9	46
69	Interrelationship between the Concentration of Toxic and Essential Elements in Korean Tissues.. <i>Journal of Health Science</i> , 2002, 48, 195-200.	0.9	19
70	Demographic characteristics of zipeprol-associated deaths in Korea. <i>Archives of Pharmacal Research</i> , 1998, 21, 286-290.	6.3	9