

# Kyu Hyuck Chung

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Differential toxicities of fine particulate matters from various sources. <i>Scientific Reports</i> , 2018, 8, 17007.	3.3	233
2	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
3	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
4	Polyhexamethylene guanidine phosphate aerosol particles induce pulmonary inflammatory and fibrotic responses. <i>Archives of Toxicology</i> , 2016, 90, 617-632.	4.2	97
5	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
6	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
7	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
8	Organ Distribution of Heavy Metals in Autopsy Material from Normal Korean.. <i>Journal of Health Science</i> , 2002, 48, 186-194.	0.9	46
9	Antiestrogenic activities of Ginkgo biloba extracts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 100, 167-176.	2.5	46
10	Anti-inflammatory activity of a new cyclic peptide, citrusin XI, isolated from the fruits of Citrus unshiu. <i>Journal of Ethnopharmacology</i> , 2015, 163, 106-112.	4.1	44
11	The role of NF- $\kappa$ 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
12	Guanidine-based disinfectants, polyhexamethylene guanidine-phosphate (PHMG-P), polyhexamethylene		

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19	A surrogate analyte-based LC-MS/MS method for the determination of $\hat{1}^3$ -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
20	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
21	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
22	Antiestrogenic potentials of ortho-PCB congeners by single or complex exposure. <i>Archives of Pharmacal Research</i> , 2007, 30, 199-209.	6.3	22
23	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
24	In vitro inflammatory effects of polyhexamethylene biguanide through NF- $\hat{1}^B$ activation in A549 cells. <i>Toxicology in Vitro</i> , 2017, 38, 1-7.	2.4	22
25	( $\hat{1}^6$ )-Catechin-7-O- $\hat{1}^2$ -d-Apiofuranoside Inhibits Hepatic Stellate Cell Activation by Suppressing the STAT3 Signaling Pathway. <i>Cells</i> , 2020, 9, 30.	4.1	22
26	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
27	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
28	Estrogenic effects of marijuana smoke condensate and cannabinoid compounds. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 270-278.	2.8	19
29	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
30	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
31	Antiestrogenic Action of Atrazine and its Major Metabolites in Vitro.. <i>Journal of Health Science</i> , 2003, 49, 65-71.	0.9	18
32	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
33	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
34	Age-related differences in kidney injury biomarkers induced by cisplatin. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 1028-1039.	4.0	17
35	MicroRNA regulatory networks reflective of polyhexamethylene guanidine phosphate-induced fibrosis in A549 human alveolar adenocarcinoma cells. <i>Toxicology Letters</i> , 2018, 287, 49-58.	0.8	17
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	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
38	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
39	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
40	Sesquiterpenes from <i>Cyperus rotundus</i> and 4 $\beta$ ,5 $\alpha$ -oxidoeudesm-11-en-3-one as a potential selective estrogen receptor modulator. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1313-1318.	5.6	14
41	Antiestrogenic effects of marijuana smoke condensate and cannabinoid compounds. <i>Archives of Pharmacol Research</i> , 2005, 28, 1365-1375.	6.3	13
42	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
43	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
44	Detection of phentermine in hair samples from drug suspects. <i>Forensic Science International</i> , 2011, 207, e5-e7.	2.2	11
45	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
46	Design and synthesis of azaisoflavone analogs as phytoestrogen mimetics. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 107-118.	5.5	10
47	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
48	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
49	Demographic characteristics of zipeprol-associated deaths in Korea. <i>Archives of Pharmacol Research</i> , 1998, 21, 286-290.	6.3	9
50	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
51	In vitro model for predicting acute inhalation toxicity by using a Calu-3 epithelium cytotoxicity assay. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 98, 106576.	0.7	9
52	Tyrosine kinase inhibitor neratinib attenuates liver fibrosis by targeting activated hepatic stellate cells. <i>Scientific Reports</i> , 2020, 10, 14756.	3.3	9
53	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
54	Simultaneous quantification of opiates and effect of pigmentation on its deposition in hair. <i>Archives of Pharmacol Research</i> , 2010, 33, 1805-1811.	6.3	8

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55	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
56	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
57	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
58	Î²-Peltoiboykinolic 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
59	Polyhexamethylene guanidine phosphate-induced upregulation of MUC5AC via activation of the TLR-p38 MAPK and JNK axis. <i>Chemico-Biological Interactions</i> , 2019, 305, 119-126.	4.0	7
60	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
61	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
62	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
63	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
64	The effects of the standardized extracts of <i>Ginkgo biloba</i> on steroidogenesis pathways and aromatase activity in H295R human adrenocortical carcinoma cells. <i>Environmental Health and Toxicology</i> , 2016, 31, e2016010.	1.8	5
65	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
66	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
67	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
68	Comparison of 3D airway models for the assessment of fibrogenic chemicals. <i>Toxicology Letters</i> , 2022, 356, 100-109.	0.8	4
69	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
70	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