

Kyung-Min Lim

List of Publications by Year in descending order

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196
papers

4,676
citations

94381

37
h-index

155592

55
g-index

199
all docs

199
docs citations

199
times ranked

6735
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysophosphatidic Acid Induces Thrombogenic Activity Through Phosphatidylserine Exposure and Procoagulant Microvesicle Generation in Human Erythrocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 414-421.	1.1	310
2	Silver nanoparticles enhance thrombus formation through increased platelet aggregation and procoagulant activity. <i>Nanotoxicology</i> , 2011, 5, 157-167.	1.6	125
3	Sulforaphane Suppresses Oligomerization of TLR4 in a Thiol-Dependent Manner. <i>Journal of Immunology</i> , 2010, 184, 411-419.	0.4	111
4	Adiponectin receptor agonist AdipoRon decreased ceramide, and lipotoxicity, and ameliorated diabetic nephropathy. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 348-360.	1.5	106
5	Pharmacokinetic study of ginsenoside Re with pure ginsenoside Re and ginseng berry extracts in mouse using ultra performance liquid chromatography/mass spectrometric method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 278-283.	1.4	105
6	Phototoxicity: Its Mechanism and Animal Alternative Test Methods. <i>Toxicological Research</i> , 2015, 31, 97-104.	1.1	93
7	Ginkgo biloba extract enhances antiplatelet and antithrombotic effects of cilostazol without prolongation of bleeding time. <i>Thrombosis Research</i> , 2009, 124, 328-334.	0.8	87
8	In Vitro Structure-Activity Relationship and in Vivo Studies for a Novel Class of Cyclooxygenase-2 Inhibitors: 5-Aryl-2,2-dialkyl-4-phenyl-3(2H)furanone Derivatives. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 792-804.	2.9	78
9	Antipruritic Effects of TRPV1 Antagonist in Murine Atopic Dermatitis and Itching Models. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1576-1579.	0.3	77
10	The effect of epidermal growth factor (EGF) conjugated with low-molecular-weight protamine (LMWP) on wound healing of the skin. <i>Biomaterials</i> , 2012, 33, 8579-8590.	5.7	77
11	Alternatives to <i>In Vivo</i> Draize Rabbit Eye and Skin Irritation Tests with a Focus on 3D Reconstructed Human Cornea-Like Epithelium and Epidermis Models. <i>Toxicological Research</i> , 2017, 33, 191-203.	1.1	72
12	TRPV1 antagonist can suppress the atopic dermatitis-like symptoms by accelerating skin barrier recovery. <i>Journal of Dermatological Science</i> , 2010, 62, 8-15.	1.0	68
13	Carnosic acid, a phenolic diterpene from rosemary, prevents UV-induced expression of matrix metalloproteinases in human skin fibroblasts and keratinocytes. <i>Experimental Dermatology</i> , 2013, 22, 336-341.	1.4	66
14	2,3-Diarylbenzopyran derivatives as a novel class of selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 413-417.	1.0	63
15	KeraSkin [®] -VM: A novel reconstructed human epidermis model for skin irritation tests. <i>Toxicology in Vitro</i> , 2014, 28, 742-750.	1.1	60
16	Low-Level Mercury Can Enhance Procoagulant Activity of Erythrocytes: A New Contributing Factor for Mercury-Related Thrombotic Disease. <i>Environmental Health Perspectives</i> , 2010, 118, 928-935.	2.8	59
17	Suppression of Toll-like receptor 4 activation by caffeic acid phenethyl ester is mediated by interference of LPS binding to MD2. <i>British Journal of Pharmacology</i> , 2013, 168, 1933-1945.	2.7	57
18	Investigation of dermal toxicity of ionic liquids in monolayer-cultured skin cells and 3D reconstructed human skin models. <i>Toxicology in Vitro</i> , 2018, 46, 194-202.	1.1	57

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19	Platelet Shape Changes and Cytoskeleton Dynamics as Novel Therapeutic Targets for Anti-Thrombotic Drugs. <i>Biomolecules and Therapeutics</i> , 2017, 25, 223-230.	1.1	56
20	Decrease of Ceramides with Very Long-Chain Fatty Acids and Downregulation of Elongases in a Murine Atopic Dermatitis Model. <i>Journal of Investigative Dermatology</i> , 2012, 132, 476-479.	0.3	54
21	Skin barrier dysfunction and filaggrin. <i>Archives of Pharmacal Research</i> , 2021, 44, 36-48.	2.7	54
22	Novel Antiplatelet Activity of Protocatechuic Acid through the Inhibition of High Shear Stress-Induced Platelet Aggregation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 704-711.	1.3	52
23	Procoagulant and prothrombotic activation of human erythrocytes by phosphatidic acid. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H347-H355.	1.5	49
24	Determination of Spatial Distribution of Melamine-Cyanuric Acid Crystals in Rat Kidney Tissue by Histology and Imaging Matrix-Assisted Laser Desorption/Ionization Quadrupole Time-of-Flight Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2010, 23, 220-227.	1.7	49
25	Doxorubicin-Induced Platelet Procoagulant Activities: An Important Clue for Chemotherapy-Associated Thrombosis. <i>Toxicological Sciences</i> , 2011, 124, 215-224.	1.4	49
26	Staphylococcus aureus inhibits terminal differentiation of normal human keratinocytes by stimulating interleukin-6 secretion. <i>Journal of Dermatological Science</i> , 2014, 74, 64-71.	1.0	48
27	A new 3D reconstituted human corneal epithelium model as an alternative method for the eye irritation test. <i>Toxicology in Vitro</i> , 2011, 25, 403-410.	1.1	45
28	Liver X Receptor Activation Inhibits Melanogenesis through the Acceleration of ERK-Mediated MITF Degradation. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1063-1071.	0.3	45
29	Effects of Environmental Temperature Change on Mercury Absorption in Aquatic Organisms with Respect to Climate Warming. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1477-1490.	1.1	45
30	Inorganic Arsenite Potentiates Vasoconstriction through Calcium Sensitization in Vascular Smooth Muscle. <i>Environmental Health Perspectives</i> , 2005, 113, 1330-1335.	2.8	44
31	Lysates of a Probiotic, <i>Lactobacillus rhamnosus</i> , Can Improve Skin Barrier Function in a Reconstructed Human Epidermis Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4289.	1.8	44
32	Low Level of Lead Can Induce Phosphatidylserine Exposure and Erythrophagocytosis: A New Mechanism Underlying Lead-Associated Anemia. <i>Toxicological Sciences</i> , 2011, 122, 177-184.	1.4	43
33	Relationship of ceramide, and free fatty acid-cholesterol ratios in the stratum corneum with skin barrier function of normal, atopic dermatitis lesional and non-lesional skins. <i>Journal of Dermatological Science</i> , 2015, 77, 71-74.	1.0	43
34	Anti-Inflammatory and Analgesic Activities of SKLJI, a Highly Purified and Injectable Herbal Extract of <i>Lonicera japonica</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2022-2028.	0.6	41
35	Development of PAC-14028, a novel transient receptor potential vanilloid type 1 (TRPV1) channel antagonist as a new drug for refractory skin diseases. <i>Archives of Pharmacal Research</i> , 2012, 35, 393-396.	2.7	41
36	Black soybean extract can attenuate thrombosis through inhibition of collagen-induced platelet activation. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 964-970.	1.9	40

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37	Silver nanoparticles promote procoagulant activity of red blood cells: a potential risk of thrombosis in susceptible population. <i>Particle and Fibre Toxicology</i> , 2019, 16, 9.	2.8	38
38	Lead-Induced Procoagulant Activation of Erythrocytes through Phosphatidylserine Exposure May Lead To Thrombotic Diseases. <i>Chemical Research in Toxicology</i> , 2007, 20, 38-43.	1.7	37
39	Serum persistent organic pollutants (POPs) and prostate cancer risk: A case-cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 849-856.	2.1	37
40	Erythrophagocytosis of Lead-Exposed Erythrocytes by Renal Tubular Cells: Possible Role in Lead-Induced Nephrotoxicity. <i>Environmental Health Perspectives</i> , 2015, 123, 120-127.	2.8	35
41	Hydrogen peroxide and monoethanolamine are the key causative ingredients for hair dye-induced dermatitis and hair loss. <i>Journal of Dermatological Science</i> , 2012, 66, 12-19.	1.0	34
42	Vascular Smooth Muscle Dysfunction and Remodeling Induced by Ginsenoside Rg3, a Bioactive Component of Ginseng. <i>Toxicological Sciences</i> , 2010, 117, 505-514.	1.4	33
43	A novel adamantyl benzylbenzamide derivative, AP736, suppresses melanogenesis through the inhibition of cAMP-PKA-CREB-activated microphthalmia-associated transcription factor and tyrosinase expression. <i>Experimental Dermatology</i> , 2013, 22, 762-764.	1.4	33
44	S100A7 (psoriasin) inhibits human epidermal differentiation by enhanced IL-6 secretion through $\text{IL-1}\beta/\text{NF-}\kappa\text{B}$ signalling. <i>Experimental Dermatology</i> , 2016, 25, 636-641.	1.4	31
45	Protective Role of Mitochondrial Peroxiredoxin III against UVB-Induced Apoptosis of Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1333-1342.	0.3	30
46	Di-2-ethylhexylphthalate promotes thyroid cell proliferation and DNA damage through activating thyrotropin-receptor-mediated pathways in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2019, 124, 265-272.	1.8	29
47	2,2-Dimethyl-4,5-diaryl-3(2 H)furanone derivatives as selective cyclo-oxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 165-168.	1.0	28
48	Anti-inflammatory and barrier protecting effect of <i>Lithospermum erythrorhizon</i> extracts in chronic oxazolone-induced murine atopic dermatitis. <i>Journal of Dermatological Science</i> , 2009, 56, 64-66.	1.0	28
49	Submicromolar bisphenol A induces proliferation and DNA damage in human hepatocyte cell lines in vitro and in juvenile rats in vivo. <i>Food and Chemical Toxicology</i> , 2018, 111, 125-132.	1.8	28
50	Emodin inhibits tonic tension through suppressing $\text{PKC}\delta$ -mediated inhibition of myosin phosphatase in rat isolated thoracic aorta. <i>British Journal of Pharmacology</i> , 2014, 171, 4300-4310.	2.7	27
51	Anti-inflammatory role of 15-lipoxygenase contributes to the maintenance of skin integrity in mice. <i>Scientific Reports</i> , 2018, 8, 8856.	1.6	27
52	U-shaped Dose Response in Vasomotor Tone: A Mixed Result of Heterogenic Response of Multiple Cells to Xenobiotics. <i>Toxicological Sciences</i> , 2008, 103, 181-190.	1.4	26
53	High-Dose Vitamin C Injection to Cancer Patients May Promote Thrombosis Through Procoagulant Activation of Erythrocytes. <i>Toxicological Sciences</i> , 2015, 147, 350-359.	1.4	26
54	Rhododenol and raspberry ketone impair the normal proliferation of melanocytes through reactive oxygen species-dependent activation of GADD45. <i>Toxicology in Vitro</i> , 2016, 32, 339-346.	1.1	26

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55	D-tyrosine negatively regulates melanin synthesis by competitively inhibiting tyrosinase activity. <i>Pigment Cell and Melanoma Research</i> , 2018, 31, 374-383.	1.5	26
56	Trivalent methylated arsenical-induced phosphatidylserine exposure and apoptosis in platelets may lead to increased thrombus formation. <i>Toxicology and Applied Pharmacology</i> , 2009, 239, 144-153.	1.3	25
57	Suppression of skin inflammation in keratinocytes and acute/chronic disease models by caffeic acid phenethyl ester. <i>Archives of Dermatological Research</i> , 2015, 307, 219-227.	1.1	25
58	Leptin regulates the pro-inflammatory response in human epidermal keratinocytes. <i>Archives of Dermatological Research</i> , 2018, 310, 351-362.	1.1	25
59	Impact of High Fat Diet-induced Obesity on the Plasma Levels of Monoamine Neurotransmitters in C57BL/6 Mice. <i>Biomolecules and Therapeutics</i> , 2013, 21, 476-480.	1.1	25
60	Determination of N-nitrosodiethanolamine, NDELA in cosmetic ingredients and products by mixed mode solid phase extraction and UPLC-tandem mass spectrometry with porous graphitic carbon column through systemic sample pre-cleanup procedure. <i>Talanta</i> , 2015, 137, 109-119.	2.9	24
61	Vascular smooth muscle dysfunction induced by monomethylarsonous acid (MMAIII): A contributing factor to arsenic-associated cardiovascular diseases. <i>Environmental Research</i> , 2008, 108, 300-308.	3.7	23
62	Relationship between cutaneous barrier function and ceramide species in human stratum corneum. <i>Journal of Dermatological Science</i> , 2010, 60, 47-50.	1.0	23
63	Ex Vivo Live Full-Thickness Porcine Skin Model as a Versatile In Vitro Testing Method for Skin Barrier Research. <i>International Journal of Molecular Sciences</i> , 2021, 22, 657.	1.8	23
64	Metabolomic analysis of amino acids and lipids in human hair altered by dyeing, perming and bleaching. <i>Experimental Dermatology</i> , 2016, 25, 729-731.	1.4	22
65	Low Dose Exposure to Di-2-Ethylhexylphthalate in Juvenile Rats Alters the Expression of Genes Related with Thyroid Hormone Regulation. <i>Biomolecules and Therapeutics</i> , 2018, 26, 512-519.	1.1	22
66	Synthesis of N,N ² ,N ³ -trisubstituted thiourea derivatives and their antagonist effect on the vanilloid receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 601-604.	1.0	21
67	Comparison of flow cytometry and immunohistochemistry in non-radioisotopic murine lymph node assay using bromodeoxyuridine. <i>Toxicology Letters</i> , 2010, 192, 229-237.	0.4	21
68	WFDC2 Promotes Spasmodic Polypeptide-Expressing Metaplasia Through the Up-Regulation of IL33 in Response to Injury. <i>Gastroenterology</i> , 2021, 161, 953-967.e15.	0.6	21
69	Arsenite-Enhanced Procoagulant Activity through Phosphatidylserine Exposure in Platelets. <i>Chemical Research in Toxicology</i> , 2007, 20, 1760-1768.	1.7	20
70	Inhibition of platelet aggregation by 1-methyl-4-phenyl pyridinium ion (MPP ⁺) through ATP depletion: Evidence for the reduced platelet activities in Parkinson's disease. <i>Platelets</i> , 2009, 20, 163-170.	1.1	20
71	Rapid, simultaneous and nanomolar determination of pyroglutamic acid and cis-/trans-urocanic acid in human stratum corneum by hydrophilic interaction liquid chromatography (HILIC)-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 897, 55-63.	1.2	20
72	18Î²-glycyrrhetic acid attenuates anandamide-induced adiposity and high-fat diet induced obesity. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1436-1446.	1.5	20

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73	Antithrombotic Effects of Paeoniflorin from <i>Paeonia suffruticosa</i> by Selective Inhibition on Shear Stress-Induced Platelet Aggregation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5040.	1.8	20
74	Evaluation of Eye Irritation Potential of Solid Substance with New 3D Reconstructed Human Cornea Model, MCTT HCE _{TM} . <i>Biomolecules and Therapeutics</i> , 2015, 23, 379-385.	1.1	20
75	Dysfunction of Vascular Smooth Muscle and Vascular Remodeling by Simvastatin. <i>Toxicological Sciences</i> , 2014, 138, 446-556.	1.4	19
76	Simvastatin induces the apoptosis of normal vascular smooth muscle through the disruption of actin integrity via the impairment of RhoA/ Rac-1 activity. <i>Thrombosis and Haemostasis</i> , 2016, 116, 496-505.	1.8	19
77	Fasiglifam (TAK-875), a G Protein-Coupled Receptor 40 (GPR40) Agonist, May Induce Hepatotoxicity through Reactive Oxygen Species Generation in a GPR40-Dependent Manner. <i>Biomolecules and Therapeutics</i> , 2018, 26, 599-607.	1.1	19
78	Loss of Rab25 promotes the development of skin squamous cell carcinoma through the dysregulation of integrin trafficking. <i>Journal of Pathology</i> , 2019, 249, 227-240.	2.1	19
79	Anti-Pigmentary Natural Compounds and Their Mode of Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6206.	1.8	19
80	Act on the Registration and Evaluation of Chemicals (K-REACH) and replacement, reduction or refinement best practices. <i>Environmental Health and Toxicology</i> , 2016, 31, e2016026.	1.8	19
81	Potent anti-inflammatory effects of two quinolinedione compounds, OQ1 and OQ21, mediated by dual inhibition of inducible NO synthase and cyclooxygenase-2. <i>British Journal of Pharmacology</i> , 2009, 156, 328-337.	2.7	18
82	Evaluation of anti-platelet and anti-thrombotic effects of cilostazol with PFA-100 [®] and Multiplate [®] whole blood aggregometer in vitro, ex vivo and FeCl ₃ -induced thrombosis models in vivo. <i>Thrombosis Research</i> , 2011, 127, 565-570.	0.8	18
83	Discrimination of skin sensitizers from non-sensitizers by interleukin-1 β and interleukin-6 production on cultured human keratinocytes. <i>Journal of Applied Toxicology</i> , 2016, 36, 1129-1136.	1.4	18
84	Anti-Pigmentary Effect of (-)-4-Hydroxysattabacin from the Marine-Derived Bacterium <i>Bacillus</i> sp.. <i>Marine Drugs</i> , 2017, 15, 138.	2.2	18
85	Liquid Chromatography Mass Spectrometry-Based Metabolite Pathway Analyses of Myeloma and Non-Hodgkin's Lymphoma Patients. <i>Cell Journal</i> , 2017, 19, 44-54.	0.2	18
86	Cyclocurcumin, an Antivasoconstrictive Constituent of <i>Curcuma longa</i> (Turmeric). <i>Journal of Natural Products</i> , 2017, 80, 196-200.	1.5	17
87	Prevalidation trial for a novel in vitro eye irritation test using the reconstructed human cornea-like epithelial model, MCTT HCE _h . <i>Toxicology in Vitro</i> , 2017, 39, 58-67.	1.1	17
88	Saccharomonopyrones A-C, New β -Pyrone from a Marine Sediment-Derived Bacterium <i>Saccharomonospora</i> sp. CNQ-490. <i>Marine Drugs</i> , 2017, 15, 239.	2.2	17
89	Development and validation of UPLC method for WST-1 cell viability assay and its application to MCTT HCE _h eye irritation test for colorful substances. <i>Toxicology in Vitro</i> , 2019, 60, 412-419.	1.1	17
90	B cell increases and ex vivo IL-2 production as secondary endpoints for the detection of sensitizers in non-radioisotopic local lymph node assay using flow cytometry. <i>Toxicology Letters</i> , 2012, 209, 255-263.	0.4	16

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91	Quantitative analysis of menthol and identification of other flavoring ingredients in capsule cigarettes marketed in Korea. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 420-428.	1.3	16
92	A rapid and highly sensitive UPLC-MS/MS method using pre-column derivatization with 2-picolyamine for intravenous and percutaneous pharmacokinetics of valproic acid in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 938, 35-42.	1.2	15
93	Topical Application of Dieckol Ameliorates Atopic Dermatitis in NC/Nga Mice by Suppressing Thymic Stromal Lymphopoietin Production. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1062-1066.	0.3	15
94	Fluvirucin B6, a new macrolactam isolated from a marine-derived actinomycete of the genus <i>Nocardopsis</i> . <i>Journal of Antibiotics</i> , 2018, 71, 609-612.	1.0	15
95	Me-too validation study for in vitro eye irritation test with 3D-reconstructed human cornea epithelium, MCTT HCE _{TM} . <i>Toxicology in Vitro</i> , 2019, 55, 173-184.	1.1	15
96	New Anticoagulants for the Prevention and Treatment of Venous Thromboembolism. <i>Biomolecules and Therapeutics</i> , 2017, 25, 461-470.	1.1	15
97	Low-Dose Bisphenol A Increases Bile Duct Proliferation in Juvenile Rats: A Possible Evidence for Risk of Liver Cancer in the Exposed Population?. <i>Biomolecules and Therapeutics</i> , 2017, 25, 545-552.	1.1	15
98	Determination of the key innate genes related to individual variation in carbon tetrachloride-induced hepatotoxicity using a pre-biopsy procedure. <i>Toxicology and Applied Pharmacology</i> , 2009, 239, 55-63.	1.3	14
99	A Naphthoquinone Derivative Can Induce Anemia through Phosphatidylserine Exposure-Mediated Erythrophagocytosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 414-420.	1.3	14
100	Inhibitory effects of black soybean on platelet activation mediated through its active component of adenosine. <i>Thrombosis Research</i> , 2013, 131, 254-261.	0.8	14
101	Pro-Coagulant and Pro-Thrombotic Effects of Paclitaxel Mediated by Red Blood Cells. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1765-1775.	1.8	14
102	Titanium dioxide nanoparticles enhance thrombosis through triggering the phosphatidylserine exposure and procoagulant activation of red blood cells. <i>Particle and Fibre Toxicology</i> , 2021, 18, 28.	2.8	14
103	Effects of Chitoooligosaccharide Lactate Salt on Sleep Deprivation-Induced Fatigue in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1128-1132.	0.6	13
104	Potential of vasoconstriction and pressor response by low concentration of monomethylarsonous acid (MMAIII). <i>Toxicology Letters</i> , 2011, 205, 250-256.	0.4	13
105	Pharmacokinetic evaluation of an oral tablet form of low-molecular-weight heparin and deoxycholic acid conjugate as a novel oral anticoagulant. <i>Thrombosis and Haemostasis</i> , 2011, 105, 1060-1071.	1.8	13
106	Pancreatic Cancer Induced by In Vivo Electroporation-Enhanced Sleeping Beauty Transposon Gene Delivery System in Mouse. <i>Pancreas</i> , 2014, 43, 614-618.	0.5	13
107	A Src-family-tyrosine kinase, Lyn, is required for efficient IFN- γ expression in pattern recognition receptor, RIG-I, signal pathway by interacting with IPS-1. <i>Cytokine</i> , 2015, 72, 63-70.	1.4	13
108	Identification of cornifelin and early growth response-1 gene as novel biomarkers for in vitro eye irritation using a 3D reconstructed human cornea model MCTT HCE ₂₉ . <i>Archives of Toxicology</i> , 2015, 89, 1589-1598.	1.9	13

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109	Arsenic levels in the groundwater of Korea and the urinary excretion among contaminated area. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 458-463.	1.8	13
110	Expression of LRIG1, a Negative Regulator of EGFR, Is Dynamically Altered during Different Stages of Gastric Carcinogenesis. <i>American Journal of Pathology</i> , 2018, 188, 2912-2923.	1.9	13
111	Exploration and comparison of in vitro eye irritation tests with the ISO standard in vivo rabbit test for the evaluation of the ocular irritancy of contact lenses. <i>Toxicology in Vitro</i> , 2016, 37, 79-87.	1.1	12
112	Performance standard-based validation study for local lymph node assay: 5-bromo-2-deoxyuridine-flow cytometry method. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 183-194.	1.3	12
113	Determination of toxic metal release from metallic kitchen utensils and their health risks. <i>Food and Chemical Toxicology</i> , 2020, 145, 111651.	1.8	12
114	Ibuprofen Increases the Hepatotoxicity of Ethanol through Potentiating Oxidative Stress. <i>Biomolecules and Therapeutics</i> , 2021, 29, 205-210.	1.1	12
115	Skin Epidermis and Barrier Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3035.	1.8	12
116	A novel organogermanium protected atopic dermatitis induced by oxazolone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4032-4034.	1.0	11
117	PAL-12, a new anti-aging hexa-peptoid, inhibits UVB-induced photoaging in human dermal fibroblasts and 3D reconstructed human full skin model, Keraskin-FT [®] . <i>Archives of Dermatological Research</i> , 2017, 309, 697-707.	1.1	11
118	Evaluation of ocular irritancy of coal-tar dyes used in cosmetics employing reconstructed human cornea-like epithelium and short time exposure tests. <i>Food and Chemical Toxicology</i> , 2017, 108, 236-243.	1.8	11
119	Co-Existence of Hypertensive and Anti-Hypertensive Constituents, Synephrine, and Nobiletin in Citrus unshiu Peel. <i>Molecules</i> , 2019, 24, 1197.	1.7	11
120	Ccrn4l as a pre-dose marker for prediction of cisplatin-induced hepatotoxicity susceptibility. <i>Free Radical Biology and Medicine</i> , 2020, 148, 128-139.	1.3	11
121	Marine natural products with monoamine oxidase (MAO) inhibitory activity. <i>Pharmaceutical Biology</i> , 2020, 58, 716-720.	1.3	11
122	Skin irritation and inhalation toxicity of biocides evaluated with reconstructed human epidermis and airway models. <i>Food and Chemical Toxicology</i> , 2021, 150, 112064.	1.8	11
123	Mental Stress from Animal Experiments: a Survey with Korean Researchers. <i>Toxicological Research</i> , 2018, 34, 75-81.	1.1	11
124	Effects of Electromagnetic Waves with LTE and 5G Bandwidth on the Skin Pigmentation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 170.	1.8	11
125	2,3-Diarylpyran-4-ones: a new series of selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 2195-2198.	1.0	10
126	Expression levels of pituitary tumor transforming 1 and glutathione-S-transferase theta 3 are associated with the individual susceptibility to d-galactosamine-induced hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 91-99.	1.3	10

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127	Titanium dioxide inclusion in backing reduce the photoallergenicity of ketoprofen transdermal patch. Archives of Toxicology, 2011, 85, 219-226.	1.9	10
128	Oral and topical pharmacokinetic studies of a novel TRPV1 antagonist, PAC-14028 in rats and minipigs using liquid chromatography/tandem mass spectrometric method. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 8-14.	1.4	10
129	Skin irritation and sensitization potential of oxidative hair dye substances evaluated with in vitro, in chemico and in silico test methods. Food and Chemical Toxicology, 2018, 121, 360-366.	1.8	10
130	Acremonidin E produced by Penicillium sp. SNF123, a fungal endophyte of Panax ginseng, has antimelanogenic activities. Journal of Ginseng Research, 2021, 45, 98-107.	3.0	10
131	Deoxyvasicinone with Anti-Melanogenic Activity from Marine-Derived Streptomyces sp. CNQ-617. Marine Drugs, 2022, 20, 155.	2.2	10
132	Mixture risk assessment of selected mainstream cigarette smoke constituents generated from low-yield cigarettes in South Korean smokers. Regulatory Toxicology and Pharmacology, 2018, 94, 152-162.	1.3	9
133	Comprehensive analysis of transcriptomic changes induced by low and high doses of bisphenol A in HepG2 spheroids in vitro and rat liver in vivo. Environmental Research, 2019, 173, 124-134.	3.7	9
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