

Hildegard Herman

List of Publications by Year in descending order

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44
papers

977
citations

471371

17
h-index

454834

30
g-index

45
all docs

45
docs citations

45
times ranked

1717
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal and circulating miRNA expression patterns in diabetic retinopathy: An in silico and in vivo approach. <i>British Journal of Pharmacology</i> , 2019, 176, 2179-2194.	2.7	104
2	Chitosan-Graphene Oxide 3D scaffolds as Promising Tools for Bone Regeneration in Critical-Size Mouse Calvarial Defects. <i>Scientific Reports</i> , 2017, 7, 16641.	1.6	96
3	Protective effects of naringenin on carbon tetrachloride-induced acute nephrotoxicity in mouse kidney. <i>Chemico-Biological Interactions</i> , 2013, 205, 138-147.	1.7	77
4	Chrysin attenuates liver fibrosis and hepatic stellate cell activation through TGF- β 2/Smad signaling pathway. <i>Chemico-Biological Interactions</i> , 2015, 240, 94-101.	1.7	58
5	Influence of Matrigel on Single- and Multiple-Spheroid Cultures in Breast Cancer Research. <i>SLAS Discovery</i> , 2019, 24, 563-578.	1.4	45
6	The activation of retinal HCA2 receptors by systemic beta-hydroxybutyrate inhibits diabetic retinal damage through reduction of endoplasmic reticulum stress and the NLRP3 inflammasome. <i>PLoS ONE</i> , 2019, 14, e0211005.	1.1	44
7	Differences in the molecular structure of the blood-brain barrier in the cerebral cortex and white matter: an in silico, in vitro, and ex vivo study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1702-H1714.	1.5	41
8	Paracellular and transcellular migration of metastatic cells through the cerebral endothelium. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2619-2631.	1.6	41
9	Protective effects of silymarin against bisphenol A-induced hepatotoxicity in mouse liver. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 821-828.	0.8	33
10	Electrospun Polyethylene Terephthalate Nanofibers Loaded with Silver Nanoparticles: Novel Approach in Anti-Infective Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1039.	1.0	33
11	Bacterial Cellulose-Modified Polyhydroxyalkanoates Scaffolds Promotes Bone Formation in Critical Size Calvarial Defects in Mice. <i>Materials</i> , 2020, 13, 1433.	1.3	32
12	CB2 Receptor Activation Inhibits Melanoma Cell Transmigration through the Blood-Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8063-8074.	1.8	29
13	Antioxidant and Anti-Inflammatory Properties of a Thuja occidentalis Mother Tincture for the Treatment of Ulcerative Colitis. <i>Antioxidants</i> , 2019, 8, 416.	2.2	27
14	Enhancement of Silymarin Anti-fibrotic Effects by Complexation With Hydroxypropyl (HPBCD) and Randomly Methylated (RAMEB) β -Cyclodextrins in a Mouse Model of Liver Fibrosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 883.	1.6	24
15	Nano Selenium-Enriched Probiotics as Functional Food Products against Cadmium Liver Toxicity. <i>Materials</i> , 2021, 14, 2257.	1.3	24
16	Metabolomics profiling to investigate nanomaterial toxicity <i>in vitro</i> and <i>in vivo</i> . <i>Nanotoxicology</i> , 2020, 14, 807-826.	1.6	24
17	Protective effects of silymarin on epirubicin-induced mucosal barrier injury of the gastrointestinal tract. <i>Drug and Chemical Toxicology</i> , 2015, 38, 442-451.	1.2	19
18	Comprehensive Appraisal of Graphene-Oxide Ratio in Porous Biopolymer Hybrids Targeting Bone-Tissue Regeneration. <i>Nanomaterials</i> , 2020, 10, 1444.	1.9	18

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19	Dose-Dependent Antifibrotic Effect of Chrysin on Regression of Liver Fibrosis: The Role in Extracellular Matrix Remodeling. Dose-Response, 2018, 16, 155932581878983.	0.7	17
20	Pharmacokinetic Properties of Fluorescently Labeled Hydroxypropyl-Beta-Cyclodextrin. Biomolecules, 2019, 9, 509.	1.8	16
21	Correlation between Heavy Metal-Induced Histopathological Changes and Trophic Interactions between Different Fish Species. Applied Sciences (Switzerland), 2021, 11, 3760.	1.3	15
22	Chrysin attenuates cardiomyocyte apoptosis and loss of intermediate filaments in a mouse model of mitoxantrone cardiotoxicity. Histology and Histopathology, 2015, 30, 1465-75.	0.5	14
23	Sex and Age-Related Differences in Neuroinflammation and Apoptosis in Balb/c Mice Retina Involve Resolvin D1. International Journal of Molecular Sciences, 2021, 22, 6280.	1.8	13
24	Fingolimod and Diabetic Retinopathy: A Drug Repurposing Study. Frontiers in Pharmacology, 2021, 12, 718902.	1.6	13
25	Galectin 1 A Key Player between Tissue Repair and Fibrosis. International Journal of Molecular Sciences, 2022, 23, 5548.	1.8	13
26	Evaluation of Hepatotoxicity with Treatment Doses of Flucytosine and Amphotericin B for Invasive Fungal Infections. BioMed Research International, 2016, 2016, 1-9.	0.9	12
27	Biochemical, Histopathological and Molecular Responses in Gills of Leuciscus cephalus Exposed to Metals. Archives of Environmental Contamination and Toxicology, 2017, 73, 607-618.	2.1	10
28	Functional Food Product Based on Nanoselenium-Enriched Lactobacillus casei against Cadmium Kidney Toxicity. Applied Sciences (Switzerland), 2021, 11, 4220.	1.3	10
29	New Insights into the Cell Death Signaling Pathways Triggered by Long-Term Exposure to Silicon-Based Quantum Dots in Human Lung Fibroblasts. Nanomaterials, 2021, 11, 323.	1.9	9
30	Graphene Oxide Porous Biopolymer Hybrids Enhance In Vitro Osteogenic Differentiation and Promote Ectopic Osteogenesis In Vivo. International Journal of Molecular Sciences, 2022, 23, 491.	1.8	9
31	Qualifying Osteogenic Potency Assay Metrics for Human Multipotent Stromal Cells: TGF- β 2 a Telling Eligible Biomarker. Cells, 2020, 9, 2559.	1.8	8
32	Bioinspired silk fibroin nano-delivery systems protect against 5-FU induced gastrointestinal mucositis in a mouse model and display antitumor effects on HT-29 colorectal cancer cells in vitro. Nanotoxicology, 2021, 15, 1-22.	1.6	8
33	Silk Proteins Enriched Nanocomposite Hydrogels Based on Modified MMT Clay and Poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /O... Tissue Engineering. Nanomaterials, 2022, 12, 503.	1.9	8
34	Acute cardiotoxicity induced by doxorubicin in right ventricle is associated with increase of oxidative stress and apoptosis in rats. Histology and Histopathology, 2018, 33, 365-378.	0.5	7
35	A novel experimental approach to evaluate guided bone regeneration (GBR) in the rat femur using a 3D-printed CAD/CAM zirconia space-maintaining barrier. Journal of Advanced Research, 2021, 28, 221-229.	4.4	6
36	Complexation with Random Methyl- β -Cyclodextrin and (2-Hydroxypropyl)- β -Cyclodextrin Enhances In Vivo Anti-Fibrotic and Anti-Inflammatory Effects of Chrysin via the Inhibition of NF- κ B and TGF- β 1/Smad Signaling Pathways and Modulation of Hepatic Pro/Anti-Fibrotic miRNA. International Journal of Molecular Sciences, 2021, 22, 1869.	1.8	6

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37	Flucytosine and Amphotericin B Coadministration Induces Dose-Related Renal Injury. Dose-Response, 2017, 15, 155932581770346.	0.7	5
38	Berberis vulgaris extract/ β -cyclodextrin complex increases protection of hepatic cells via suppression of apoptosis and lipogenesis pathways. Experimental and Therapeutic Medicine, 2017, 13, 2143-2150.	0.8	4
39	Reversal of liver fibrosis by targeting TGF- β signaling pathway. Toxicology Letters, 2015, 238, S264-S265.	0.4	2
40	Microscopy methods to investigate transmigration routes of tumor cells through blood-brain barrier. Toxicology Letters, 2015, 238, S242.	0.4	1
41	Sea Buckthorn and Grape Antioxidant Effects in Hyperlipidemic Rats: Relationship with the Atorvastatin Therapy. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-7.	0.5	1
42	The morphological changes of the colonic goblet cells and mucin profile in oncohematological patients under Epirubicin-based chemotherapy. Romanian Journal of Morphology and Embryology, 2021, 61, 1121-1128.	0.4	1
43	Immunohistochemical Expression Patterns of Tight Junction Proteins, Pro-Apoptotic and Anti-Apoptotic Factors on Progression of Intestinal Mucositis of Onco-Hematological Patients under Epirubicin-Based Chemotherapy. Applied Sciences (Switzerland), 2021, 11, 4710.	1.3	0
44	Fluorescent Chitosan Nanogels Developed for Targeting Endothelial Cells of Axillary Lymph Nodes. Materials Proceedings, 2020, 4, .	0.2	0