Marco Pelin

List of Publications by Year
in descending order

47	1,594	394421 19	302126 39
papers	citations	h-index	g-index

47	47	47	2683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. ACS Nano, 2018, 12, 10582-10620.	14.6	438
2	Differential cytotoxic effects of graphene and graphene oxide on skin keratinocytes. Scientific Reports, 2017, 7, 40572.	3.3	141
3	Titanium Dioxide Nanoparticle Penetration into the Skin and Effects on HaCaT Cells. International Journal of Environmental Research and Public Health, 2015, 12, 9282-9297.	2.6	97
4	Graphene and graphene oxide induce ROS production in human HaCaT skin keratinocytes: the role of xanthine oxidase and NADH dehydrogenase. Nanoscale, 2018, 10, 11820-11830.	5.6	90
5	Silver nanoparticles exert a long-lasting antiproliferative effect on human keratinocyte HaCaT cell line. Toxicology in Vitro, 2011, 25, 1053-1060.	2.4	89
6	Occupational exposure to graphene based nanomaterials: risk assessment. Nanoscale, 2018, 10, 15894-15903.	5.6	82
7	Immuno-Modulatory and Anti-Inflammatory Effects of Dihydrogracilin A, a Terpene Derived from the Marine Sponge Dendrilla membranosa. International Journal of Molecular Sciences, 2017, 18, 1643.	4.1	48
8	Skin irritation potential of graphene-based materials using a non-animal test. Nanoscale, 2020, 12, 610-622.	5.6	42
9	Pharmacogenetics of azathioprine in inflammatory bowel disease: A role for glutathione-S-transferase?. World Journal of Gastroenterology, 2014, 20, 3534.	3.3	41
10	Palytoxin-Containing Aquarium Soft Corals as an Emerging Sanitary Problem. Marine Drugs, 2016, 14, 33.	4.6	40
11	Cobalt Oxide Nanoparticles: Behavior towards Intact and Impaired Human Skin and Keratinocytes Toxicity. International Journal of Environmental Research and Public Health, 2015, 12, 8263-8280.	2.6	38
12	Ovatoxin-a, A Palytoxin Analogue Isolated from Ostreopsis cf. ovata Fukuyo: Cytotoxic Activity and ELISA Detection. Environmental Science & Technology, 2016, 50, 1544-1551.	10.0	30
13	Sanitary problems related to the presence of Ostreopsis spp. in the Mediterranean Sea: a multidisciplinary scientific approach. Annali Dell'Istituto Superiore Di Sanita, 2012, 48, 407-414.	0.4	29
14	Stereoisomers of 42-Hydroxy Palytoxin from Hawaiian Palythoa toxica and P. tuberculosa: Stereostructure Elucidation, Detection, and Biological Activities. Journal of Natural Products, 2014, 77, 351-357.	3.0	26
15	The marine toxin palytoxin induces necrotic death in HaCaT cells through a rapid mitochondrial damage. Toxicology Letters, 2014, 229, 440-450.	0.8	24
16	Glucocorticoid pharmacogenetics in pediatric idiopathic nephrotic syndrome. Pharmacogenomics, 2015, 16, 1631-1648.	1.3	23
17	Characterization of Palytoxin Binding to HaCaT Cells Using a Monoclonal Anti-Palytoxin Antibody. Marine Drugs, 2013, 11, 584-598.	4.6	22
18	Acute Oral Toxicity of Pinnatoxin G in Mice. Toxins, 2020, 12, 87.	3.4	21

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19	Oxidative stress induced by palytoxin in human keratinocytes is mediated by a H+-dependent mitochondrial pathway. Toxicology and Applied Pharmacology, 2013, 266, 1-8.	2.8	20
20	Ecotoxicological impact of graphene oxide: toxic effects on the model organism Artemia franciscana. Environmental Science: Nano, 2020, 7, 3605-3615.	4.3	20
21	An aquarium hobbyist poisoning: Identification of new palytoxins in Palythoa cf. toxica and complete detoxification of the aquarium water by activated carbon. Toxicon, 2016, 121, 41-50.	1.6	17
22	CARBON-BASED nanomaterials and SKIN: An overview. Carbon, 2022, 196, 683-698.	10.3	17
23	Massive Occurrence of the Harmful Benthic Dinoflagellate Ostreopsis cf. ovata in the Eastern Adriatic Sea. Toxins, 2019, 11, 300.	3.4	16
24	Keratinocytes are capable of selectively sensing low amounts of graphene-based materials: Implications for cutaneous applications. Carbon, 2020, 159, 598-610.	10.3	16
25	Hazard assessment of abraded thermoplastic composites reinforced with reduced graphene oxide. Journal of Hazardous Materials, 2022, 435, 129053.	12.4	16
26	PACSIN2 rs2413739 influence on thiopurine pharmacokinetics: validation studies in pediatric patients. Pharmacogenomics Journal, 2020, 20, 415-425.	2.0	15
27	Induced pluripotent stem cells for therapy personalization in pediatric patients: Focus on drug-induced adverse events. World Journal of Stem Cells, 2019, 11, 1020-1044.	2.8	14
28	Thiopurine Biotransformation and Pharmacological Effects: Contribution of Oxidative Stress. Current Drug Metabolism, 2016, 17, 542-549.	1.2	13
29	Role of Oxidative Stress Mediated by Glutathione-S-transferase in Thiopurinesâ€™ Toxic Effects. Chemical Research in Toxicology, 2015, 28, 1186-1195.	3.3	12
30	Steroids with anti-inflammatory activity from Vernonia nigritiana Oliv. & Hiern.. Phytochemistry, 2013, 96, 288-298.	2.9	11
31	A revisited hemolytic assay for palytoxin detection: Limitations for its quantitation in mussels. Toxicon, 2016, 119, 225-233.	1.6	11
32	MIF plasma level as a possible tool to predict steroid responsiveness in children with idiopathic nephrotic syndrome. European Journal of Clinical Pharmacology, 2019, 75, 1675-1683.	1.9	9
33	A Novel Sensitive Cell-Based Immunoenzymatic Assay for Palytoxin Quantitation in Mussels. Toxins, 2018, 10, 329.	3.4	8
34	Azaspiracids Increase Mitochondrial Dehydrogenases Activity in Hepatocytes: Involvement of Potassium and Chloride Ions. Marine Drugs, 2019, 17, 276.	4.6	8
35	Partial Reversibility of the Cytotoxic Effect Induced by Graphene-Based Materials in Skin Keratinocytes. Nanomaterials, 2020, 10, 1602.	4.1	8
36	Biomarkers and Precision Therapy for Primary Immunodeficiencies: An In Vitro Study Based on Induced Pluripotent Stem Cells From Patients. Clinical Pharmacology and Therapeutics, 2020, 108, 358-367.	4.7	8

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37	Patients' Induced Pluripotent Stem Cells to Model Drug Induced Adverse Events: A Role in Predicting Thiopurine Induced Pancreatitis?. Current Drug Metabolism, 2015, 17, 91-98.	1.2	7
38	Pro-inflammatory effects of palytoxin: an in vitro study on human keratinocytes and inflammatory cells. Toxicology Research, 2016, 5, 1172-1181.	2.1	7
39	Induced Pluripotent Stem Cells as a Model for Therapy Personalization of Pediatric Patients: Disease Modeling and Drug Adverse Effects Prevention. Current Medicinal Chemistry, 2018, 25, 2826-2839.	2.4	7
40	Pharmacokinetics and pharmacodynamics of thiopurines in an inÂvitro model of human hepatocytes: Insights from an innovative mass spectrometry assay. Chemico-Biological Interactions, 2017, 275, 189-195.	4.0	3
41	In Vitro Cell Sensitivity to Palytoxin Correlates with High Gene Expression of the Na+/K+-ATPase Î²2 Subunit Isoform. International Journal of Molecular Sciences, 2020, 21, 5833.	4.1	3
42	Insights into the cellular pharmacokinetics and pharmacodynamics of thiopurine antimetabolites in a model of human intestinal cells. Chemico-Biological Interactions, 2021, 347, 109624.	4.0	2
43	Ecotoxicological Impact of the Marine Toxin Palytoxin on the Micro-Crustacean Artemia franciscana. Marine Drugs, 2022, 20, 81.	4.6	2
44	Generation of 3 clones of induced pluripotent stem cells (iPSCs) from a patient affected by Crohn's disease. Stem Cell Research, 2019, 40, 101548.	0.7	1
45	Palytoxins: Toxicological Profile. , 2015, , 1-14.		1
46	Functional and Structural Biological Methods for Palytoxin Detection. Journal of Marine Science and Engineering, 2022, 10, 916.	2.6	1
47	Palytoxins: Toxicological Profile. , 2016, , 129-145.		0