

Marco Pelin

List of Publications by Year in descending order

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47
papers

1,594
citations

394421

19
h-index

302126

39
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docs citations

47
times ranked

2683
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecotoxicological Impact of the Marine Toxin Palytoxin on the Micro-Crustacean <i>Artemia franciscana</i> . <i>Marine Drugs</i> , 2022, 20, 81.	4.6	2
2	Hazard assessment of abraded thermoplastic composites reinforced with reduced graphene oxide. <i>Journal of Hazardous Materials</i> , 2022, 435, 129053.	12.4	16
3	CARBON-BASED nanomaterials and SKIN: An overview. <i>Carbon</i> , 2022, 196, 683-698.	10.3	17
4	Functional and Structural Biological Methods for Palytoxin Detection. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 916.	2.6	1
5	Insights into the cellular pharmacokinetics and pharmacodynamics of thiopurine antimetabolites in a model of human intestinal cells. <i>Chemico-Biological Interactions</i> , 2021, 347, 109624.	4.0	2
6	Skin irritation potential of graphene-based materials using a non-animal test. <i>Nanoscale</i> , 2020, 12, 610-622.	5.6	42
7	Keratinocytes are capable of selectively sensing low amounts of graphene-based materials: Implications for cutaneous applications. <i>Carbon</i> , 2020, 159, 598-610.	10.3	16
8	PACSIN2 rs2413739 influence on thiopurine pharmacokinetics: validation studies in pediatric patients. <i>Pharmacogenomics Journal</i> , 2020, 20, 415-425.	2.0	15
9	Ecotoxicological impact of graphene oxide: toxic effects on the model organism <i>Artemia franciscana</i> . <i>Environmental Science: Nano</i> , 2020, 7, 3605-3615.	4.3	20
10	In Vitro Cell Sensitivity to Palytoxin Correlates with High Gene Expression of the Na ⁺ /K ⁺ -ATPase β 2 Subunit Isoform. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5833.	4.1	3
11	Partial Reversibility of the Cytotoxic Effect Induced by Graphene-Based Materials in Skin Keratinocytes. <i>Nanomaterials</i> , 2020, 10, 1602.	4.1	8
12	Biomarkers and Precision Therapy for Primary Immunodeficiencies: An In Vitro Study Based on Induced Pluripotent Stem Cells From Patients. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 358-367.	4.7	8
13	Acute Oral Toxicity of Pinnatoxin G in Mice. <i>Toxins</i> , 2020, 12, 87.	3.4	21
14	MIF plasma level as a possible tool to predict steroid responsiveness in children with idiopathic nephrotic syndrome. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1675-1683.	1.9	9
15	Generation of 3 clones of induced pluripotent stem cells (iPSCs) from a patient affected by Crohn's disease. <i>Stem Cell Research</i> , 2019, 40, 101548.	0.7	1
16	Massive Occurrence of the Harmful Benthic Dinoflagellate <i>Ostreopsis cf. ovata</i> in the Eastern Adriatic Sea. <i>Toxins</i> , 2019, 11, 300.	3.4	16
17	Azaspiracids Increase Mitochondrial Dehydrogenases Activity in Hepatocytes: Involvement of Potassium and Chloride Ions. <i>Marine Drugs</i> , 2019, 17, 276.	4.6	8
18	Induced pluripotent stem cells for therapy personalization in pediatric patients: Focus on drug-induced adverse events. <i>World Journal of Stem Cells</i> , 2019, 11, 1020-1044.	2.8	14

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19	Induced Pluripotent Stem Cells as a Model for Therapy Personalization of Pediatric Patients: Disease Modeling and Drug Adverse Effects Prevention. <i>Current Medicinal Chemistry</i> , 2018, 25, 2826-2839.	2.4	7
20	A Novel Sensitive Cell-Based Immunoenzymatic Assay for Palytoxin Quantitation in Mussels. <i>Toxins</i> , 2018, 10, 329.	3.4	8
21	Safety Assessment of Graphene-Based Materials: Focus on Human Health and the Environment. <i>ACS Nano</i> , 2018, 12, 10582-10620.	14.6	438
22	Occupational exposure to graphene based nanomaterials: risk assessment. <i>Nanoscale</i> , 2018, 10, 15894-15903.	5.6	82
23	Graphene and graphene oxide induce ROS production in human HaCaT skin keratinocytes: the role of xanthine oxidase and NADH dehydrogenase. <i>Nanoscale</i> , 2018, 10, 11820-11830.	5.6	90
24	Differential cytotoxic effects of graphene and graphene oxide on skin keratinocytes. <i>Scientific Reports</i> , 2017, 7, 40572.	3.3	141
25	Pharmacokinetics and pharmacodynamics of thiopurines in an in vitro model of human hepatocytes: Insights from an innovative mass spectrometry assay. <i>Chemico-Biological Interactions</i> , 2017, 275, 189-195.	4.0	3
26	Immuno-Modulatory and Anti-Inflammatory Effects of Dihydrogracilin A, a Terpene Derived from the Marine Sponge <i>Dendrilla membranosa</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1643.	4.1	48
27	Palytoxin-Containing Aquarium Soft Corals as an Emerging Sanitary Problem. <i>Marine Drugs</i> , 2016, 14, 33.	4.6	40
28	A revisited hemolytic assay for palytoxin detection: Limitations for its quantitation in mussels. <i>Toxicon</i> , 2016, 119, 225-233.	1.6	11
29	An aquarium hobbyist poisoning: Identification of new palytoxins in <i>Palythoa cf. toxica</i> and complete detoxification of the aquarium water by activated carbon. <i>Toxicon</i> , 2016, 121, 41-50.	1.6	17
30	Pro-inflammatory effects of palytoxin: an in vitro study on human keratinocytes and inflammatory cells. <i>Toxicology Research</i> , 2016, 5, 1172-1181.	2.1	7
31	Ovatoxin-a, A Palytoxin Analogue Isolated from <i>Ostreopsis cf. ovata</i> Fukuyo: Cytotoxic Activity and ELISA Detection. <i>Environmental Science & Technology</i> , 2016, 50, 1544-1551.	10.0	30
32	Thiopurine Biotransformation and Pharmacological Effects: Contribution of Oxidative Stress. <i>Current Drug Metabolism</i> , 2016, 17, 542-549.	1.2	13
33	Palytoxins: Toxicological Profile. , 2016, , 129-145.		0
34	Patients' Induced Pluripotent Stem Cells to Model Drug Induced Adverse Events: A Role in Predicting Thiopurine Induced Pancreatitis?. <i>Current Drug Metabolism</i> , 2015, 17, 91-98.	1.2	7
35	Cobalt Oxide Nanoparticles: Behavior towards Intact and Impaired Human Skin and Keratinocytes Toxicity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8263-8280.	2.6	38
36	Titanium Dioxide Nanoparticle Penetration into the Skin and Effects on HaCaT Cells. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9282-9297.	2.6	97

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37	Role of Oxidative Stress Mediated by Glutathione-S-transferase in Thiopurinesâ€™ Toxic Effects. <i>Chemical Research in Toxicology</i> , 2015, 28, 1186-1195.	3.3	12
38	Glucocorticoid pharmacogenetics in pediatric idiopathic nephrotic syndrome. <i>Pharmacogenomics</i> , 2015, 16, 1631-1648.	1.3	23
39	Palytoxins: Toxicological Profile. , 2015, , 1-14.		1
40	The marine toxin palytoxin induces necrotic death in HaCaT cells through a rapid mitochondrial damage. <i>Toxicology Letters</i> , 2014, 229, 440-450.	0.8	24
41	Stereoisomers of 42-Hydroxy Palytoxin from Hawaiian <i>Palythoa toxica</i> and <i>P. tuberculosa</i> : Stereostructure Elucidation, Detection, and Biological Activities. <i>Journal of Natural Products</i> , 2014, 77, 351-357.	3.0	26
42	Pharmacogenetics of azathioprine in inflammatory bowel disease: A role for glutathione-S-transferase?. <i>World Journal of Gastroenterology</i> , 2014, 20, 3534.	3.3	41
43	Steroids with anti-inflammatory activity from <i>Vernonia nigritiana</i> Oliv. & Hiern.. <i>Phytochemistry</i> , 2013, 96, 288-298.	2.9	11
44	Oxidative stress induced by palytoxin in human keratinocytes is mediated by a H ⁺ -dependent mitochondrial pathway. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 1-8.	2.8	20
45	Characterization of Palytoxin Binding to HaCaT Cells Using a Monoclonal Anti-Palytoxin Antibody. <i>Marine Drugs</i> , 2013, 11, 584-598.	4.6	22
46	Sanitary problems related to the presence of <i>Ostreopsis</i> spp. in the Mediterranean Sea: a multidisciplinary scientific approach. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2012, 48, 407-414.	0.4	29
47	Silver nanoparticles exert a long-lasting antiproliferative effect on human keratinocyte HaCaT cell line. <i>Toxicology in Vitro</i> , 2011, 25, 1053-1060.	2.4	89