

Giorgia Del Favero

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,109
citations

394421

19
h-index

454955

30
g-index

57
all docs

57
docs citations

57
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	First-in-class ruthenium anticancer drug (KP1339/IT-139) induces an immunogenic cell death signature in colorectal spheroids <i>in vitro</i>. <i>Metallomics</i> , 2019, 11, 1044-1048.	2.4	92
2	An integrated in silico/in vitro approach to assess the xenoestrogenic potential of <i>Alternaria</i> mycotoxins and metabolites. <i>Food Chemistry</i> , 2018, 248, 253-261.	8.2	57
3	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , 2019, 53, 1113-1135.	3.3	54
4	First insights into <i>Alternaria</i> multi-toxin in vivo metabolism. <i>Toxicology Letters</i> , 2019, 301, 168-178.	0.8	52
5	<i>Alternaria</i> toxinsâ€”Still emerging?. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 4390-4406.	11.7	51
6	The Cardiomyopathy Lamin A/C D192G Mutation Disrupts Whole-Cell Biomechanics in Cardiomyocytes as Measured by Atomic Force Microscopy Loading-Unloading Curve Analysis. <i>Scientific Reports</i> , 2015, 5, 13388.	3.3	44
7	An Organometallic Gold(I) Bisâ€”Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 15528-15537.	3.3	42
8	Identification of a novel human deoxynivalenol metabolite enhancing proliferation of intestinal and urinary bladder cells. <i>Scientific Reports</i> , 2016, 6, 33854.	3.3	40
9	Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. <i>Cancers</i> , 2020, 12, 505.	3.7	37
10	Dual effectiveness of <i>Alternaria</i> but not <i>Fusarium</i> mycotoxins against human topoisomerase II and bacterial gyrase. <i>Archives of Toxicology</i> , 2017, 91, 2007-2016.	4.2	36
11	Activation of the Nrf2-ARE pathway by the <i>Alternaria alternata</i> mycotoxins altertoxin I and II. <i>Archives of Toxicology</i> , 2017, 91, 203-216.	4.2	33
12	Phosphorylating Titinâ€™s Cardiac N2B Element by ERK2 or CaMKIIÎ´ Lowers the Single Molecule and Cardiac Muscle Force. <i>Biophysical Journal</i> , 2015, 109, 2592-2601.	0.5	30
13	The TGFâ€”/SOX4 axis and ROSâ€”driven autophagy coâ€”mediate CD39 expression in regulatory Tâ€”cells. <i>FASEB Journal</i> , 2020, 34, 8367-8384.	0.5	28
14	AFM single-cell force spectroscopy links altered nuclear and cytoskeletal mechanics to defective cell adhesion in cardiac myocytes with a nuclear lamin mutation. <i>Nucleus</i> , 2015, 6, 394-407.	2.2	27
15	Functional impairment triggered by altertoxin II (ATXII) in intestinal cells in vitro: cross-talk between cytotoxicity and mechanotransduction. <i>Archives of Toxicology</i> , 2018, 92, 3535-3547.	4.2	26
16	Response of intestinal HT-29 cells to the trichothecene mycotoxin deoxynivalenol and its sulfated conjugates. <i>Toxicology Letters</i> , 2018, 295, 424-437.	0.8	26
17	Mycotoxin Altertoxin II Induces Lipid Peroxidation Connecting Mitochondrial Stress Response to NF-Î²B Inhibition in THP-1 Macrophages. <i>Chemical Research in Toxicology</i> , 2020, 33, 492-504.	3.3	26
18	Smart Proteinâ€”Based Formulation of Dendritic Mesoporous Silica Nanoparticles: Toward Oral Delivery of Insulin. <i>Chemistry - A European Journal</i> , 2020, 26, 5195-5199.	3.3	26

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19	Gastro-protective protein-silica nanoparticles formulation for oral drug delivery: In vitro release, cytotoxicity and mitochondrial activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 171-180.	4.3	24
20	Structural Similarity with Cholesterol Reveals Crucial Insights into Mechanisms Sustaining the Immunomodulatory Activity of the Mycotoxin Alternariol. <i>Cells</i> , 2020, 9, 847.	4.1	20
21	Proteome Analysis Reveals Distinct Mitochondrial Functions Linked to Interferon Response Patterns in Activated CD4+ and CD8+ T Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 727.	3.5	19
22	Alternaria toxins as casein kinase 2 inhibitors and possible consequences for estrogenicity: a hybrid in silico/in vitro study. <i>Archives of Toxicology</i> , 2020, 94, 2225-2237.	4.2	19
23	Alternaria alternata Toxins Synergistically Activate the Aryl Hydrocarbon Receptor Pathway In Vitro. <i>Biomolecules</i> , 2020, 10, 1018.	4.0	18
24	Impact of glutathione modulation on the toxicity of the Fusarium mycotoxins deoxynivalenol (DON), NX-3 and butenolide in human liver cells. <i>Toxicology Letters</i> , 2018, 299, 104-117.	0.8	17
25	Combinatory effects of cereulide and deoxynivalenol on in vitro cell viability and inflammation of human Caco-2 cells. <i>Archives of Toxicology</i> , 2020, 94, 833-844.	4.2	17
26	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. <i>Scientific Reports</i> , 2018, 8, 11351.	3.3	16
27	Eicosanoid Content in Fetal Calf Serum Accounts for Reproducibility Challenges in Cell Culture. <i>Biomolecules</i> , 2021, 11, 113.	4.0	15
28	In vivo and in vitro effects of 42-hydroxy-palytoxin on mouse skeletal muscle: Structural and functional impairment. <i>Toxicology Letters</i> , 2014, 225, 285-293.	0.8	14
29	Inhibition of topoisomerase II by phase II metabolites of resveratrol in human colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2448-2459.	3.3	14
30	Amorphous Silica Particles Relevant in Food Industry Influence Cellular Growth and Associated Signaling Pathways in Human Gastric Carcinoma Cells. <i>Nanomaterials</i> , 2017, 7, 18.	4.1	14
31	Morpho�metabotyping the oxidative stress response. <i>Scientific Reports</i> , 2021, 11, 15471.	3.3	13
32	Danon Disease-Associated LAMP-2 Deficiency Drives Metabolic Signature Indicative of Mitochondrial Aging and Fibrosis in Cardiac Tissue and hiPSC-Derived Cardiomyocytes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2457.	2.4	12
33	The Aza-Analogous Benzo[c]phenanthridine P8-D6 Acts as a Dual Topoisomerase I and II Poison, thus Exhibiting Potent Genotoxic Properties. <i>Molecules</i> , 2020, 25, 1524.	3.8	12
34	The Challenge of Classifying Metastatic Cell Properties by Molecular Profiling Exemplified with Cutaneous Melanoma Cells and Their Cerebral Metastasis from Patient Derived Mouse Xenografts. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 478-489.	3.8	12
35	Exploring the dermatotoxicity of the mycotoxin deoxynivalenol: combined morphologic and proteomic profiling of human epidermal cells reveals alteration of lipid biosynthesis machinery and membrane structural integrity relevant for skin barrier function. <i>Archives of Toxicology</i> , 2021, 95, 2201-2221.	4.2	11
36	Metabo-tip: a metabolomics platform for lifestyle monitoring supporting the development of novel strategies in predictive, preventive and personalised medicine. <i>EPMA Journal</i> , 2021, 12, 141-153.	6.1	11

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37	Elucidation of xenoestrogen metabolism by non-targeted, stable isotope-assisted mass spectrometry in breast cancer cells. <i>Environment International</i> , 2022, 158, 106940.	10.0	9
38	Inward Outward Signaling in Ovarian Cancer: Morpho-Phospho-Proteomic Profiling Upon Application of Hypoxia and Shear Stress Characterizes the Adaptive Plasticity of OVCAR-3 and SKOV-3 Cells. <i>Frontiers in Oncology</i> , 2021, 11, 746411.	2.8	9
39	Combinatory Exposure to Urolithin A, Alternariol, and Deoxynivalenol Affects Colon Cancer Metabolism and Epithelial Barrier Integrity in vitro. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	9
40	Silica particles with a quercetin-R5 peptide conjugate are taken up into HT-29 cells and translocate into the nucleus. <i>Chemical Communications</i> , 2019, 55, 9649-9652.	4.1	8
41	Assessing Mixture Effects of Cereulide and Deoxynivalenol on Intestinal Barrier Integrity and Uptake in Differentiated Human Caco-2 Cells. <i>Toxins</i> , 2021, 13, 189.	3.4	7
42	Endoplasmic Reticulum Adaptation and Autophagic Competence Shape Response to Fluid Shear Stress in T24 Bladder Cancer Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 647350.	3.5	7
43	<i>Alternaria alternata</i> Mycotoxins Activate the Aryl Hydrocarbon Receptor and Nrf2-ARE Pathway to Alter the Structure and Immune Response of Colon Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2022, 35, 731-749.	3.3	7
44	Super-resolution Microscopical Localization of Dopamine Receptors 1 and 2 in Rat Hippocampal Synaptosomes. <i>Molecular Neurobiology</i> , 2018, 55, 4857-4869.	4.0	6
45	Integrating Biophysics in Toxicology. <i>Cells</i> , 2020, 9, 1282.	4.1	6
46	A target fishing study to spot possible biological targets of fusaric acid: Inhibition of protein kinase-A and insights on the underpinning mechanisms. <i>Food and Chemical Toxicology</i> , 2022, 159, 112663.	3.6	6
47	Cereulide and Deoxynivalenol Increase LC3 Protein Levels in HepG2 Liver Cells. <i>Toxins</i> , 2022, 14, 151.	3.4	6
48	Foodborne compounds that alter plasma membrane architecture can modify the response of intestinal cells to shear stress in vitro. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116034.	2.8	6
49	Resolution Matters: Correlating Quantitative Proteomics and Nanoscale Precision Microscopy for Reconstructing Synapse Identity. <i>Proteomics</i> , 2018, 18, e1800139.	2.2	4
50	Persistence of the antagonistic effects of a natural mixture of <i>Alternaria</i> mycotoxins on the estrogen-like activity of human feces after anaerobic incubation. <i>Toxicology Letters</i> , 2022, 358, 88-99.	0.8	4
51	Targeting Gut Bacteria Using Inulin-Conjugated Mesoporous Silica Nanoparticles. <i>Advanced Materials Interfaces</i> , 0, , 2102558.	3.7	4
52	Targeting Gut Bacteria Using Inulin-Conjugated Mesoporous Silica Nanoparticles (Adv. Mater.) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 1	3.7	1
53	TANNylation of mesoporous silica nanoparticles and bioactivity profiling in intestinal cells. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 962-973.	9.4	1