

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	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
2	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
3	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
4	Cereulide and Deoxynivalenol Increase LC3 Protein Levels in HepG2 Liver Cells. <i>Toxins</i> , 2022, 14, 151.	3.4	6
5	<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
6	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
7	Targeting Gut Bacteria Using Inulin-Conjugated Mesoporous Silica Nanoparticles (<i>Adv. Mater.</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.7 1	3.7	1
8	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
9	Eicosanoid Content in Fetal Calf Serum Accounts for Reproducibility Challenges in Cell Culture. <i>Biomolecules</i> , 2021, 11, 113.	4.0	15
10	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
11	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
12	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
13	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
14	Morpho-metabotyping the oxidative stress response. <i>Scientific Reports</i> , 2021, 11, 15471.	3.3	13
15	<i>Alternaria</i> toxins "Still emerging?". <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 4390-4406.	11.7	51
16	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
17	<i>Alternaria alternata</i> Toxins Synergistically Activate the Aryl Hydrocarbon Receptor Pathway In Vitro. <i>Biomolecules</i> , 2020, 10, 1018.	4.0	18
18	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

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19	An Organometallic Gold(I) Bis- π -Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 15528-15537.	3.3	42
20	Integrating Biophysics in Toxicology. <i>Cells</i> , 2020, 9, 1282.	4.1	6
21	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
22	Mycotoxin Alvertoxin II Induces Lipid Peroxidation Connecting Mitochondrial Stress Response to NF- κ B Inhibition in THP-1 Macrophages. <i>Chemical Research in Toxicology</i> , 2020, 33, 492-504.	3.3	26
23	Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. <i>Cancers</i> , 2020, 12, 505.	3.7	37
24	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
25	Smart Protein-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
26	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
27	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
28	The TGF- β /SOX4 axis and ROS-driven autophagy co-mediate CD39 expression in regulatory T cells. <i>FASEB Journal</i> , 2020, 34, 8367-8384.	0.5	28
29	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
30	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
31	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
32	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
33	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , 2019, 53, 1113-1135.	3.3	54
34	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
35	First insights into Alternaria multi-toxin in vivo metabolism. <i>Toxicology Letters</i> , 2019, 301, 168-178.	0.8	52
36	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

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37	An integrated in silico/in vitro approach to assess the xenoestrogenic potential of Alternaria mycotoxins and metabolites. Food Chemistry, 2018, 248, 253-261.	8.2	57
38	Functional impairment triggered by altertoxin II (ATXII) in intestinal cells in vitro: cross-talk between cytotoxicity and mechanotransduction. Archives of Toxicology, 2018, 92, 3535-3547.	4.2	26
39	Impact of glutathione modulation on the toxicity of the Fusarium mycotoxins deoxynivalenol (DON), NX-3 and butenolide in human liver cells. Toxicology Letters, 2018, 299, 104-117.	0.8	17
40	Resolution Matters: Correlating Quantitative Proteomics and Nanoscale Precision Microscopy for Reconstructing Synapse Identity. Proteomics, 2018, 18, e1800139.	2.2	4
41	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. Scientific Reports, 2018, 8, 11351.	3.3	16
42	Response of intestinal HT-29 cells to the trichothecene mycotoxin deoxynivalenol and its sulfated conjugates. Toxicology Letters, 2018, 295, 424-437.	0.8	26
43	Dual effectiveness of Alternaria but not Fusarium mycotoxins against human topoisomerase II and bacterial gyrase. Archives of Toxicology, 2017, 91, 2007-2016.	4.2	36
44	Activation of the Nrf2-ARE pathway by the Alternaria alternata mycotoxins altertoxin I and II. Archives of Toxicology, 2017, 91, 203-216.	4.2	33
45	Amorphous Silica Particles Relevant in Food Industry Influence Cellular Growth and Associated Signaling Pathways in Human Gastric Carcinoma Cells. Nanomaterials, 2017, 7, 18.	4.1	14
46	Identification of a novel human deoxynivalenol metabolite enhancing proliferation of intestinal and urinary bladder cells. Scientific Reports, 2016, 6, 33854.	3.3	40
47	The Cardiomyopathy Lamin A/C D192G Mutation Disrupts Whole-Cell Biomechanics in Cardiomyocytes as Measured by Atomic Force Microscopy Loading-Unloading Curve Analysis. Scientific Reports, 2015, 5, 13388.	3.3	44
48	Inhibition of topoisomerase II by phase II metabolites of resveratrol in human colon cancer cells. Molecular Nutrition and Food Research, 2015, 59, 2448-2459.	3.3	14
49	Phosphorylating Titin's Cardiac N2B Element by ERK2 or CaMKII β Lowers the Single Molecule and Cardiac Muscle Force. Biophysical Journal, 2015, 109, 2592-2601.	0.5	30
50	AFM single-cell force spectroscopy links altered nuclear and cytoskeletal mechanics to defective cell adhesion in cardiac myocytes with a nuclear lamin mutation. Nucleus, 2015, 6, 394-407.	2.2	27
51	In vivo and in vitro effects of 42-hydroxy-palytoxin on mouse skeletal muscle: Structural and functional impairment. Toxicology Letters, 2014, 225, 285-293.	0.8	14
52	Targeting Gut Bacteria Using Inulin-Conjugated Mesoporous Silica Nanoparticles. Advanced Materials Interfaces, 0, , 2102558.	3.7	4
53	Combinatory Exposure to Urolithin A, Alternariol, and Deoxynivalenol Affects Colon Cancer Metabolism and Epithelial Barrier Integrity in vitro. Frontiers in Nutrition, 0, 9, .	3.7	9