Eleonora Pagnotta

List of Publications by Year
in descending order

50 papers	1,243 citations	361388 20 h-index	377849 34 g-index
51 all docs	51 docs citations	51 times ranked	1743 citing authors

#	Article	IF	Citations
1	Beneficial Effects of Eruca sativa Defatted Seed Meal on Visceral Pain and Intestinal Damage Resulting from Colitis in Rats. Foods, 2022, 11, 580.	4.3	4
2	Cardiovascular benefits of Eruca sativa mill. Defatted seed meal extract: Potential role of hydrogen sulfide. Phytotherapy Research, 2022, 36, 2616-2627.	5.8	13
3	<scp>Eruca sativa Mill</scp>. <scp>seed extract promotes antiâ€obesity and hypoglycemic effects in mice fed with</scp> a <scp>highâ€fat diet</scp>. Phytotherapy Research, 2021, 35, 1983-1990.	5.8	15
4	Sustainable Use of Bioactive Compounds from Solanum Tuberosum and Brassicaceae Wastes and by-Products for Crop Protectionâ€"A Review. Molecules, 2021, 26, 2174.	3.8	17
5	Seed Meals from Brassica nigra and Eruca sativa Control Artificial Nosema ceranae Infections in Apis mellifera. Microorganisms, 2021, 9, 949.	3.6	27
6	Effect of bioactive compounds released from Brassicaceae defatted seed meals on bacterial load in pig manure. Environmental Science and Pollution Research, 2021, 28, 62353-62367.	5.3	5
7	The H2S-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. Antioxidants, 2021, 10, 961.	5.1	24
8	Testing Eruca sativa defatted seed meal as a potential bioherbicide on selected weeds and crops. Industrial Crops and Products, 2021, 171, 113834.	5.2	4
9	Glucosinolate Bioactivation by Apis mellifera Workers and Its Impact on Nosema ceranae Infection at the Colony Level. Biomolecules, 2021, 11, 1657.	4.0	5
10	Erucin exhibits vasorelaxing effects and antihypertensive activity by H₂Sâ€releasing properties. British Journal of Pharmacology, 2020, 177, 824-835.	5.4	50
11	Effect of Lactobacillus acidophilus Fermented Broths Enriched with Eruca sativa Seed Extracts on Intestinal Barrier and Inflammation in a Co-Culture System of an Enterohemorrhagic Escherichia coli and Human Intestinal Cells. Nutrients, 2020, 12, 3064.	4.1	12
12	Chemical Characterization of Three Accessions of Brassica juncea L. Extracts from Different Plant Tissues. Molecules, 2020, 25, 5421.	3.8	12
13	Selective chemiluminescent TURN-ON quantitative bioassay and imaging of intracellular hydrogen peroxide in human living cells. Analytical Biochemistry, 2020, 600, 113760.	2.4	14
14	Glucosinolates in Reseda lutea L.: Distribution in plant tissues during flowering time. Biochemical Systematics and Ecology, 2020, 90, 104043.	1.3	5
15	Eruca sativa Meal against Diabetic Neuropathic Pain: An H2S-Mediated Effect of Glucoerucin. Molecules, 2019, 24, 3006.	3.8	22
16	Brassica mealâ€derived allylâ€isothiocyanate postharvest application: influence on strawberry nutraceutical and biochemical parameters. Journal of the Science of Food and Agriculture, 2019, 99, 4235-4241.	3.5	11
17	Anticancer properties of erucin, an H₂Sâ€releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPCâ€1). Phytotherapy Research, 2019, 33, 845-855.	5.8	61
18	Effectiveness of defatted seed meals from Brassicaceae with or without crude glycerin against black grass (Alopecurus myosuroides Huds.). Industrial Crops and Products, 2018, 111, 506-512.	5.2	12

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19	The Role of the Glucosinolate-Myrosinase System in Mediating Greater Resistance of Barbarea verna than B. vulgaris to Mamestra brassicae Larvae. Journal of Chemical Ecology, 2018, 44, 1190-1205.	1.8	18
20	Comparative study of the antioxidant and immunomodulant activities between yeast and lab fermented papaya. Functional Foods in Health and Disease, 2018, 8, 49.	0.6	0
21	Biocontrol of Monilinia laxa by Aureobasidium pullulans strains: Insights on competition for nutrients and space. International Journal of Food Microbiology, 2017, 248, 32-38.	4.7	70
22	Hydroxyl and Methoxyl Derivatives of Benzylglucosinolate in Lepidium densiflorum with Hydrolysis to Isothiocyanates and non-Isothiocyanate Products: Substitution Governs Product Type and Mass Spectral Fragmentation. Journal of Agricultural and Food Chemistry, 2017, 65, 3167-3178.	5.2	19
23	Development of a liquid chromatographyâ€“electrospray ionizationâ€“tandem mass spectrometry method for the simultaneous analysis of intact glucosinolates and isothiocyanates in Brassicaceae seeds and functional foods. Journal of Chromatography A, 2016, 1428, 154-161.	3.7	50
24	Synergistic inhibition of the seed germination by crude glycerin and defatted oilseed meals. Industrial Crops and Products, 2015, 75, 8-14.	5.2	6
25	Effect of two liquid formulations based on Brassica carinata co-products in containing powdery mildew on melon. Industrial Crops and Products, 2015, 75, 48-53.	5.2	5
26	Environmental implications of crude glycerin used in special products for the metalworking industry and in biodegradable mulching films. Industrial Crops and Products, 2015, 75, 29-35.	5.2	8
27	A glucosinolate-rich extract of Japanese Daikon perturbs carcinogen-metabolizing enzyme systems in rat, being a potent inducer of hepatic glutathione S-transferase. European Journal of Nutrition, 2013, 52, 1279-1285.	3.9	10
28	Effect of sprout extract from Tuscan black cabbage on xenobiotic-metabolizing and antioxidant enzymes in rat liver. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 751, 45-51.	1.7	15
29	Comparison of bioactive phytochemical content and release of isothiocyanates in selected brassica sprouts. Food Chemistry, 2013, 141, 297-303.	8.2	60
30	Low concentrations of isothiocyanates protect mesenchymal stem cells from oxidative injuries, while high concentrations exacerbate DNA damage. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 964-974.	4.9	60
31	Dose-dependent effects of R-sulforaphane isothiocyanate on the biology of human mesenchymal stem cells, at dietary amounts, it promotes cell proliferation and reduces senescence and apoptosis, while at anti-cancer drug doses, it has a cytotoxic effect. Age, 2012, 34, 281-293.	3.0	59
32	4-Methylsulfanyl-3-butenyl isothiocyanate derived from glucoraphasatin is a potent inducer of rat hepatic phase II enzymes and a potential chemopreventive agent. Archives of Toxicology, 2012, 86, 183-194.	4.2	44
33	Breakdown products of neoglucobrassicin inhibit activation of Nrf2 target genes mediated by myrosinase-derived glucoraphanin hydrolysis products. Biological Chemistry, 2010, 391, 1281-93.	2.5	39
34	14â€3â€3 Ligand Prevents Nuclear Import of câ€ABL Protein in Chronic Myeloid Leukemia. Traffic, 2009, 10, 637-647.	2.7	31
35	P53 oncosuppressor influences selection of genomic imbalances in response to ionizing radiations in human osteosarcoma cell line SAOS-2. International Journal of Radiation Biology, 2008, 84, 591-601.	1.8	7
36	Sulforaphane in the protection of cardiomyocytes from oxidative stress. Journal of Molecular and Cellular Cardiology, 2007, 42, S188.	1.9	0

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37	Modulation of apoptotic signalling by 9-hydroxystearic acid in osteosarcoma cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 139-146.	2.4	17
38	A new EGFR inhibitor induces apoptosis in colon cancer cells. Biochemical and Biophysical Research Communications, 2007, 354, 409-413.	2.1	22
39	Biochemical phenotypes associated with the mitochondrial ATP6 gene mutations at nt8993. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 913-919.	1.0	90
40	9-Hydroxystearic acid interferes with EGF signalling in a human colon adenocarcinoma. Biochemical and Biophysical Research Communications, 2006, 342, 585-588.	2.1	13
41	Green Tea Protects Cytoskeleton from Oxidative Injury in Cardiomyocytes. Journal of Agricultural and Food Chemistry, 2006, 54, 10159-10163.	5.2	15
42	N-methylformamide and 9-hydroxystearic acid: two anti-proliferative and differentiating agents with different modes of action in colon cancer cells. Anti-Cancer Drugs, 2006, 17, 521-526.	1.4	11
43	Apoptotic Death of Bcr-Abl-Expressing Myeloid Progenitors in Response to the m-Tor Inhibitor RAD001 (Everolimus) Is Promoted by the Nuclear Import of c-Abl.. Blood, 2006, 108, 2133-2133.	1.4	0
44	Histone deacetylase 1: a target of 9-hydroxystearic acid in the inhibition of cell growth in human colon cancer. Journal of Lipid Research, 2005, 46, 1596-1603.	4.2	41
45	Fluorescein conjugates of 9- and 10-hydroxystearic acids: synthetic strategies, photophysical characterization, and confocal microscopy applications. Analytical Biochemistry, 2004, 335, 196-209.	2.4	5
46	9-Hydroxystearic acid upregulates p21WAF1 in HT29 cancer cells. Biochemical and Biophysical Research Communications, 2004, 314, 138-142.	2.1	25
47	Anti-HuD-induced neuronal apoptosis underlying paraneoplastic gut dysmotility. Gastroenterology, 2003, 125, 70-79.	1.3	118
48	Mitochondrial Nitric Oxide Localization in H9c2 Cells Revealed by Confocal Microscopy. Biochemical and Biophysical Research Communications, 2002, 290, 1010-1014.	2.1	37
49	Cytotoxic and cytostatic effects induced by 4-hydroxynonenal in human osteosarcoma cells. Biochemical and Biophysical Research Communications, 2002, 293, 1502-1507.	2.1	20
50	Camelina (Camelina sativa L. Crantz) under low-input management systems in northern Italy: yields, chemical characterization and environmental sustainability. Italian Journal of Agronomy, 0, , .	1.0	11