

Xavier c Frette

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,660
citations

331259

21
h-index

288905

40
g-index

61
all docs

61
docs citations

61
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined bioavailable isoflavones and probiotics improve bone status and estrogen metabolism in postmenopausal osteopenic women: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 909-920.	2.2	140
2	Predawn and high intensity application of supplemental blue light decreases the quantum yield of PSII and enhances the amount of phenolic acids, flavonoids, and pigments in <i>Lactuca sativa</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 19.	1.7	126
3	Spectral effects of supplementary lighting on the secondary metabolites in roses, chrysanthemums, and campanulas. <i>Journal of Plant Physiology</i> , 2014, 171, 1491-1499.	1.6	122
4	Silicon-Induced Changes in Antifungal Phenolic Acids, Flavonoids, and Key Phenylpropanoid Pathway Genes during the Interaction between Miniature Roses and the Biotrophic Pathogen <i>Podosphaera pannosa</i> . <i>Plant Physiology</i> , 2011, 157, 2194-2205.	2.3	119
5	Phytochemical Evidence for the Plant Origin of Brazilian Propolis from São Paulo State. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999, 54, 401-405.	0.6	117
6	Chitosan Oligosaccharides Promote the Content of Polyphenols in Greek Oregano (<i>Origanum vulgare</i>) <small>Tj ETQq0 0 0 rgBT /Overlock 10 T</small>	2.4	108
7	Selection of elderberry (<i>Sambucus nigra</i> L.) genotypes best suited for the preparation of elderflower extracts rich in flavonoids and phenolic acids. <i>European Food Research and Technology</i> , 2008, 227, 293-305.	1.6	68
8	NMR-based metabonomic studies reveal changes in the biochemical profile of plasma and urine from pigs fed high-fibre rye bread. <i>British Journal of Nutrition</i> , 2006, 95, 955-962.	1.2	62
9	Phyto-oestrogens in herbage and milk from cows grazing white clover, red clover, lucerne or chicory-rich pastures. <i>Animal</i> , 2009, 3, 1189-1195.	1.3	54
10	Spectral effects of LEDs on chlorophyll fluorescence and pigmentation in <i>Phalaenopsis</i> 'Vivien'™ and 'Purple Star'™. <i>Physiologia Plantarum</i> , 2015, 154, 314-327.	2.6	49
11	Influence of green solvent extraction on carotenoid yield from shrimp (<i>Pandalus borealis</i>) processing waste. <i>Journal of Food Engineering</i> , 2015, 155, 22-28.	2.7	47
12	Selection of elderberry (<i>Sambucus nigra</i> L.) genotypes best suited for the preparation of juice. <i>European Food Research and Technology</i> , 2008, 226, 843-855.	1.6	46
13	Pharmacophore-driven identification of PPAR β agonists from natural sources. <i>Journal of Computer-Aided Molecular Design</i> , 2011, 25, 107-116.	1.3	45
14	The effect of <i>Artemisia annua</i> on broiler performance, on intestinal microbiota and on the course of a <i>Clostridium perfringens</i> infection applying a necrotic enteritis disease model. <i>Avian Pathology</i> , 2012, 41, 369-376.	0.8	44
15	Dietary polyacetylenes, falcarinol and falcarindiol, isolated from carrots prevents the formation of neoplastic lesions in the colon of azoxymethane-induced rats. <i>Food and Function</i> , 2017, 8, 964-974.	2.1	39
16	Seasonal Variations in the Concentrations of Lipophilic Compounds and Phenolic Acids in the Roots of <i>Echinacea purpurea</i> and <i>Echinacea pallida</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 12131-12141.	2.4	32
17	Process design and economic evaluation of green extraction methods for recovery of astaxanthin from shrimp waste. <i>Chemical Engineering Research and Design</i> , 2017, 117, 73-82.	2.7	31
18	Estrogenic activity of bovine milk high or low in equol using immature mouse uterotrophic responses and an estrogen receptor transactivation assay. <i>Cancer Epidemiology</i> , 2009, 33, 61-68.	0.8	29

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19	Fast cleavage of phycocyanobilin from phycocyanin for use in food colouring. <i>Food Chemistry</i> , 2018, 240, 655-661.	4.2	27
20	Chromatography-Crystallization Hybrid Process for Artemisinin Purification from <i>Artemisia annua</i> . <i>Chemical Engineering and Technology</i> , 2010, 33, 791-796.	0.9	23
21	Fatty acid, tocopherol and carotenoid content in herbage and milk affected by sward composition and season of grazing. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2891-2898.	1.7	22
22	Artemisinin production and precursor ratio in full grown <i>Artemisia annua</i> L. plants subjected to external stress. <i>Planta</i> , 2013, 237, 955-966.	1.6	21
23	Antihistomonal effects of artemisinin and <i>Artemisia annua</i> extracts <i>in vitro</i> could not be confirmed by <i>in vivo</i> experiments in turkeys and chickens. <i>Avian Pathology</i> , 2012, 41, 487-496.	0.8	20
24	Systemic allergic dermatitis caused by <i>Apiaceae</i> root vegetables. <i>Contact Dermatitis</i> , 2014, 70, 98-103.	0.8	20
25	A safflower oil based high fat/high sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600528.	1.5	19
26	Isomeric C12-Alkamides from the Roots of <i>Echinacea purpurea</i> Improve Basal and Insulin-Dependent Glucose Uptake in 3T3-L1 Adipocytes. <i>Planta Medica</i> , 2014, 80, 1712-1720.	0.7	18
27	Chitosan oligosaccharide and salicylic acid up-regulate gene expression differently in relation to the biosynthesis of artemisinin in <i>Artemisia annua</i> L.. <i>Process Biochemistry</i> , 2012, 47, 1559-1562.	1.8	17
28	Valuable Biomolecules from Nine North Atlantic Red Macroalgae: Amino Acids, Fatty Acids, Carotenoids, Minerals and Metals. <i>Natural Resources</i> , 2016, 07, 157-183.	0.2	17
29	Evaluation of the Effects of Fucoidans from <i>Fucus</i> Species and <i>Laminaria hyperborea</i> against Oxidative Stress and Iron-Dependent Cell Death. <i>Marine Drugs</i> , 2021, 19, 557.	2.2	16
30	Effect of toasting field beans and of grass-clover: Maize silage ratio on milk production, milk composition and sensory quality of milk. <i>Livestock Science</i> , 2010, 128, 123-132.	0.6	15
31	Influence of Fucoidan Extracts from Different <i>Fucus</i> Species on Adult Stem Cells and Molecular Mediators in In Vitro Models for Bone Formation and Vascularization. <i>Marine Drugs</i> , 2021, 19, 194.	2.2	15
32	Guaianolides and a seco-Eudesmane from the Resinous Exudates of Cushion Bush (<i>Leucophyta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Products, 2015, 78, 1877-1885.	1.5	14
33	A Novel Hybrid Chromatography~Crystallization Process for the Isolation and Purification of a Natural Pharmaceutical Ingredient from a Medicinal Herb. <i>Organic Process Research and Development</i> , 2010, 14, 585-591.	1.3	12
34	Bioassay-Guided Chromatographic Isolation and Identification of Antibacterial Compounds from <i>Artemisia annua</i> L. That Inhibit <i>Clostridium perfringens</i> Growth. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1282-1290.	0.7	12
35	Patch test reactivity to feverfew~containing creams in feverfew~allergic patients. <i>Contact Dermatitis</i> , 2010, 63, 146-150.	0.8	11
36	The Permeation of Acamprosate Is Predominantly Caused by Paracellular Diffusion across Caco-2 Cell Monolayers: A Paracellular Modeling Approach. <i>Molecular Pharmaceutics</i> , 2019, 16, 4636-4650.	2.3	9

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37	Strong and Bitter Vegetables from Traditional Cultivars and Cropping Methods Improve the Health Status of Type 2 Diabetics: A Randomized Control Trial. <i>Nutrients</i> , 2021, 13, 1813.	1.7	9
38	New biologically active pectinoacetal-related sterols from the gorgonian <i>Ctenocella</i> sp.. <i>Tetrahedron Letters</i> , 1996, 37, 2959-2962.	0.7	7
39	Efficacy of marine bioactive compound fucoidan for bone regeneration and implant fixation in sheep. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 861-872.	2.1	7
40	Sterols and Acylglycerols in the Brown Algae <i>Zanardinia prototypus</i> Nardo and <i>Striaria attenuata</i> (Grev.) Grev. from the Black Sea. <i>Botanica Marina</i> , 2000, 43, .	0.6	6
41	Secondary metabolites and lipids in <i>Chara globularis</i> Thuill. <i>Hydrobiologia</i> , 2001, 457, 199-203.	1.0	6
42	Elderflowers (<i>Sambucus nigra</i> L.) have a significant impact on cellular mechanisms related to lipid storage and insulin resistance. <i>Planta Medica</i> , 2010, 76, .	0.7	6
43	Human Toxicological Impacts in Life Cycle Assessment of Circular Economy of the Built Environment: A Case Study of Denmark. <i>Buildings</i> , 2022, 12, 130.	1.4	6
44	Green Approaches to Extract Astaxanthin from Shrimp Waste: Process Design and Economic Evaluation. <i>Computer Aided Chemical Engineering</i> , 2016, 38, 649-654.	0.3	4
45	Effect of Chemical and Physical Stress Conditions on the Concentration and Composition of Essential Oil Components in Leaves of Fullâ€Grown <i>Artemisia annua</i> L.. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 395-404.	1.7	3
46	Kinetics of Phycocyanobilin Cleavage from C-Phycocyanin by Methanolysis. <i>Computer Aided Chemical Engineering</i> , 2016, , 61-66.	0.3	3
47	The effect of seasonality and geographic location on sulphated polysaccharides from brown algae. <i>Aquaculture Research</i> , 2021, 52, 6235-6243.	0.9	3
48	Content of selected phenolic compounds in wine from rondo grapes grown in denmark and effect of heat and cryomaceration. <i>Planta Medica</i> , 2012, 78, .	0.7	3
49	Supercritical fluid extraction of carotenoids from <i>Ulva lactuca</i> (Chlorophyta). <i>Planta Medica</i> , 2014, 80, .	0.7	3
50	Polyacetylenes from carrots with potential anti-diabetic effects. <i>Planta Medica</i> , 2012, 78, .	0.7	2
51	Beneficial effects of carrots (<i>Daucus carota</i>) on adipocyte differentiation, glucose uptake, and fat accumulation. <i>Planta Medica</i> , 2010, 76, .	0.7	1
52	Production and use of <i>Artemisia annua</i> (sweet wormwood) against bacterial diseases in poultry stocks and its effect on food quality. <i>Planta Medica</i> , 2011, 77, .	0.7	1
53	EFFECTS OF LEDS ON PHOTOSYNTHESIS AND SECONDARY METABOLITES IN ROSES, CHRYSANTHEMUMS, AND CAMPANULAS. <i>Acta Horticulturae</i> , 2014, , 695-700.	0.1	0
54	EFFECTS OF LEDS ON CHLOROPHYLL FLUORESCENCE AND SECONDARY METABOLITES IN PHALAENOPSIS. <i>Acta Horticulturae</i> , 2015, , 87-92.	0.1	0

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55	Characterization of alkamide isomers as potential partial PPAR β agonists from the roots of purple coneflower. <i>Planta Medica</i> , 2012, 78, .	0.7	0
56	Screening of plant extracts for potential effects on the metabolic syndrome. <i>Planta Medica</i> , 2012, 78, .	0.7	0
57	Antibacterial and antiprotozoal effect of <i>Artemisia annua</i> extracts. <i>Planta Medica</i> , 2012, 78, .	0.7	0
58	A flavone and cytotoxic activity of sesquiterpenoids from the resinous exudates of cushion bush (<i>Leucophyta brownii</i>). <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0