

Xavier c Frette

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,660
citations

331670

21
h-index

289244

40
g-index

61
all docs

61
docs citations

61
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.0	7
2	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.	3.1	6
3	Influence of Fucoidan Extracts from Different Fucus Species on Adult Stem Cells and Molecular Mediators in In Vitro Models for Bone Formation and Vascularization. <i>Marine Drugs</i> , 2021, 19, 194.	4.6	15
4	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.	4.1	9
5	The effect of seasonality and geographic location on sulphated polysaccharides from brown algae. <i>Aquaculture Research</i> , 2021, 52, 6235-6243.	1.8	3
6	Evaluation of the Effects of Fucoidans from Fucus Species and Laminaria hyperborea against Oxidative Stress and Iron-Dependent Cell Death. <i>Marine Drugs</i> , 2021, 19, 557.	4.6	16
7	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.	4.6	9
8	Fast cleavage of phycocyanobilin from phycocyanin for use in food colouring. <i>Food Chemistry</i> , 2018, 240, 655-661.	8.2	27
9	Dietary polyacetylenes, faltarinol and faltarindiol, 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.	4.6	39
10	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.	3.3	19
11	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.	4.7	140
12	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.	5.6	31
13	Green Approaches to Extract Astaxanthin from Shrimp Waste: Process Design and Economic Evaluation. <i>Computer Aided Chemical Engineering</i> , 2016, 38, 649-654.	0.5	4
14	Kinetics of Phycocyanobilin Cleavage from C-Phycocyanin by Methanolysis. <i>Computer Aided Chemical Engineering</i> , 2016, , 61-66.	0.5	3
15	Valuable Biomolecules from Nine North Atlantic Red Macroalgae: Amino Acids, Fatty Acids, Carotenoids, Minerals and Metals. <i>Natural Resources</i> , 2016, 07, 157-183.	0.4	17
16	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.	1.3	0
17	EFFECTS OF LEDS ON CHLOROPHYLL FLUORESCENCE AND SECONDARY METABOLITES IN PHALAENOPSIS. <i>Acta Horticulturae</i> , 2015, , 87-92.	0.2	0
18	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.	5.2	47

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19	Guaianolides and a seco-Eudesmane from the Resinous Exudates of Cushion Bush (<i>Leucophyta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Products, 2015, 78, 1877-1885.	3.0	14
20	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.	3.6	126
21	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.	5.2	49
22	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.	1.3	18
23	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.	1.5	12
24	Systemic allergic dermatitis caused by <i>Asteraceae</i> root vegetables. <i>Contact Dermatitis</i> , 2014, 70, 98-103.	1.4	20
25	Spectral effects of supplementary lighting on the secondary metabolites in roses, chrysanthemums, and campanulas. <i>Journal of Plant Physiology</i> , 2014, 171, 1491-1499.	3.5	122
26	EFFECTS OF LEDS ON PHOTOSYNTHESIS AND SECONDARY METABOLITES IN ROSES, CHRYSANTHEMUMS, AND CAMPANULAS. <i>Acta Horticulturae</i> , 2014, , 695-700.	0.2	0
27	Supercritical fluid extraction of carotenoids from <i>Ulva lactuca</i> (Chlorophyta). <i>Planta Medica</i> , 2014, 80, .	1.3	3
28	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.	3.2	21
29	Effect of Chemical and Physical Stress Conditions on the Concentration and Composition of Essential Oil Components in Leaves of Full-Grown <i>Artemisia annua</i> L.. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 395-404.	3.5	3
30	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.	2.0	20
31	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.	2.0	44
32	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.	5.2	32
33	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.	3.7	17
34	Chitosan Oligosaccharides Promote the Content of Polyphenols in Greek Oregano (<i>Origanum vulgare</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	108
35	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.	3.5	22
36	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, .	1.3	3

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37	Characterization of alkamide isomers as potential partial PPAR β agonists from the roots of purple coneflower. <i>Planta Medica</i> , 2012, 78, .	1.3	0
38	Polyacetylenes from carrots with potential anti-diabetic effects. <i>Planta Medica</i> , 2012, 78, .	1.3	2
39	Screening of plant extracts for potential effects on the metabolic syndrome. <i>Planta Medica</i> , 2012, 78, .	1.3	0
40	Antibacterial and antiprotozoal effect of <i>Artemisia annua</i> extracts. <i>Planta Medica</i> , 2012, 78, .	1.3	0
41	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.	4.8	119
42	Pharmacophore-driven identification of PPAR β agonists from natural sources. <i>Journal of Computer-Aided Molecular Design</i> , 2011, 25, 107-116.	2.9	45
43	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, .	1.3	1
44	Chromatography-Crystallization Hybrid Process for Artemisinin Purification from <i>Artemisia annua</i> . <i>Chemical Engineering and Technology</i> , 2010, 33, 791-796.	1.5	23
45	Patch test reactivity to feverfew-containing creams in feverfew-allergic patients. <i>Contact Dermatitis</i> , 2010, 63, 146-150.	1.4	11
46	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.	2.7	12
47	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.	1.6	15
48	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, .	1.3	6
49	Beneficial effects of carrots (<i>Daucus carota</i>) on adipocyte differentiation, glucose uptake, and fat accumulation. <i>Planta Medica</i> , 2010, 76, .	1.3	1
50	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.	1.9	29
51	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.	3.3	54
52	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.	3.3	46
53	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.	3.3	68
54	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.	2.3	62

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55	Secondary metabolites and lipids in <i>Chara globularis</i> Thuill. <i>Hydrobiologia</i> , 2001, 457, 199-203.	2.0	6
56	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, .	1.2	6
57	Phytochemical Evidence for the Plant Origin of Brazilian Propolis from S�o Paulo State. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999, 54, 401-405.	1.4	117
58	New biologically active pectinoacetal-related sterols from the gorgonian <i>Ctenocella</i> sp.. <i>Tetrahedron Letters</i> , 1996, 37, 2959-2962.	1.4	7