Xavier c Frette

List of Publications by Year
in descending order

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	Combined bioavailable isoflavones and probiotics improve bone status and estrogen metabolism in postmenopausal osteopenic women: a randomized controlled trial. American Journal of Clinical Nutrition, 2017, 106, 909-920.	4.7	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 Lactuca sativa. Frontiers in Plant Science, 2015, 6, 19.	3.6	126
3	Spectral effects of supplementary lighting on the secondary metabolites in roses, chrysanthemums, and campanulas. Journal of Plant Physiology, 2014, 171, 1491-1499.	3.5	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 Podosphaera pannosa Â Â. Plant Physiology, 2011, 157, 2194-2205.	4.8	119
5	Phytochemical Evidence for the Plant Origin of Brazilian Propolis from SÃ£o Paulo State. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 401-405.	1.4	117
6	Chitosan Oligosaccharides Promote the Content of Polyphenols in Greek Oregano (Origanum vulgare) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.2	108
7	Selection of elderberry (Sambucus nigra L.) genotypes best suited for the preparation of elderflower extracts rich in flavonoids and phenolic acids. European Food Research and Technology, 2008, 227, 293-305.	3.3	68
8	NMR-based metabonomic studies reveal changes in the biochemical profile of plasma and urine from pigs fed high-fibre rye bread. British Journal of Nutrition, 2006, 95, 955-962.	2.3	62
9	Phyto-oestrogens in herbage and milk from cows grazing white clover, red clover, lucerne or chicory-rich pastures. Animal, 2009, 3, 1189-1195.	3.3	54
10	Spectral effects of <scp>LEDs</scp> on chlorophyll fluorescence and pigmentation in Phalaenopsis â€˜Vivienâ€™ and â€˜Purple Starâ€™. Physiologia Plantarum, 2015, 154, 314-327.	5.2	49
11	Influence of green solvent extraction on carotenoid yield from shrimp (Pandalus borealis) processing waste. Journal of Food Engineering, 2015, 155, 22-28.	5.2	47
12	Selection of elderberry (Sambucus nigra L.) genotypes best suited for the preparation of juice. European Food Research and Technology, 2008, 226, 843-855.	3.3	46
13	Pharmacophore-driven identification of PPARÎ³ agonists from natural sources. Journal of Computer-Aided Molecular Design, 2011, 25, 107-116.	2.9	45
14	The effect ofArtemisia annuaon broiler performance, on intestinal microbiota and on the course of aClostridium perfringensinfection applying a necrotic enteritis disease model. Avian Pathology, 2012, 41, 369-376.	2.0	44
15	Dietary polyacetylenes, falcarinol and falcarindiol, isolated from carrots prevents the formation of neoplastic lesions in the colon of azoxymethane-induced rats. Food and Function, 2017, 8, 964-974.	4.6	39
16	Seasonal Variations in the Concentrations of Lipophilic Compounds and Phenolic Acids in the Roots of Echinacea purpurea and Echinacea pallida. Journal of Agricultural and Food Chemistry, 2012, 60, 12131-12141.	5.2	32
17	Process design and economic evaluation of green extraction methods for recovery of astaxanthin from shrimp waste. Chemical Engineering Research and Design, 2017, 117, 73-82.	5.6	31
18	Estrogenic activity of bovine milk high or low in equol using immature mouse uterotrophic responses and an estrogen receptor transactivation assay. Cancer Epidemiology, 2009, 33, 61-68.	1.9	29

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19	Fast cleavage of phycocyanobilin from phycocyanin for use in food colouring. Food Chemistry, 2018, 240, 655-661.	8.2	27
20	Chromatography-Crystallization Hybrid Process for Artemisinin Purification from Artemisia annua. Chemical Engineering and Technology, 2010, 33, 791-796.	1.5	23
21	Fatty acid, tocopherol and carotenoid content in herbage and milk affected by sward composition and season of grazing. Journal of the Science of Food and Agriculture, 2012, 92, 2891-2898.	3.5	22
22	Artemisinin production and precursor ratio in full grown Artemisia annua L. plants subjected to external stress. Planta, 2013, 237, 955-966.	3.2	21
23	Antihistomonal effects of artemisinin andArtemisia annuaextractsin vitrocould not be confirmed byin vivoexperiments in turkeys and chickens. Avian Pathology, 2012, 41, 487-496.	2.0	20
24	Systemic allergic dermatitis caused by <scp>A</scp>piaceae root vegetables. Contact Dermatitis, 2014, 70, 98-103.	1.4	20
25	A safflower oil based highâ€fat/highâ€sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. Molecular Nutrition and Food Research, 2017, 61, 1600528.	3.3	19
26	Isomeric C12-Alkamides from the Roots of Echinacea purpurea Improve Basal and Insulin-Dependent Glucose Uptake in 3T3-L1 Adipocytes. Planta Medica, 2014, 80, 1712-1720.	1.3	18
27	Chitosan oligosaccharide and salicylic acid up-regulate gene expression differently in relation to the biosynthesis of artemisinin in Artemisia annua L.. Process Biochemistry, 2012, 47, 1559-1562.	3.7	17
28	Valuable Biomolecules from Nine North Atlantic Red Macroalgae: Amino Acids, Fatty Acids, Carotenoids, Minerals and Metals. Natural Resources, 2016, 07, 157-183.	0.4	17
29	Evaluation of the Effects of Fucoidans from Fucus Species and Laminaria hyperborea against Oxidative Stress and Iron-Dependent Cell Death. Marine Drugs, 2021, 19, 557.	4.6	16
30	Effect of toasting field beans and of grass-clover: Maize silage ratio on milk production, milk composition and sensory quality of milk. Livestock Science, 2010, 128, 123-132.	1.6	15
31	Influence of Fucoidan Extracts from Different Fucus Species on Adult Stem Cells and Molecular Mediators in In Vitro Models for Bone Formation and Vascularization. Marine Drugs, 2021, 19, 194.	4.6	15
32	Guaianolides and a seco-Eudesmane from the Resinous Exudates of Cushion Bush (Leucophyta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Products, 2015, 78, 1877-1885.	3.0	14
33	A Novel Hybrid Chromatographyâ^'Crystallization Process for the Isolation and Purification of a Natural Pharmaceutical Ingredient from a Medicinal Herb. Organic Process Research and Development, 2010, 14, 585-591.	2.7	12
34	Bioassay-Guided Chromatographic Isolation and Identification of Antibacterial Compounds from Artemisia annua L. That Inhibit Clostridium perfringens Growth. Journal of AOAC INTERNATIONAL, 2014, 97, 1282-1290.	1.5	12
35	Patch test reactivity to feverfewâ€containing creams in feverfewâ€allergic patients. Contact Dermatitis, 2010, 63, 146-150.	1.4	11
36	The Permeation of Acamprosate Is Predominantly Caused by Paracellular Diffusion across Caco-2 Cell Monolayers: A Paracellular Modeling Approach. Molecular Pharmaceutics, 2019, 16, 4636-4650.	4.6	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. Nutrients, 2021, 13, 1813.	4.1	9
38	New biologically active pectinoacetal-related sterols from the gorgonian Ctenocella sp.. Tetrahedron Letters, 1996, 37, 2959-2962.	1.4	7
39	Efficacy of marine bioactive compound fucoidan for bone regeneration and implant fixation in sheep. Journal of Biomedical Materials Research - Part A, 2022, 110, 861-872.	4.0	7
40	Sterols and Acylglycerols in the Brown Algae Zanardinia prototypus Nardo and Striaria attenuata (Grev.) Grev. from the Black Sea. Botanica Marina, 2000, 43, .	1.2	6
41	Secondary metabolites and lipids in Chara globularis Thuill. Hydrobiologia, 2001, 457, 199-203.	2.0	6
42	Elderflowers (Sambucus nigra L.) have a significant impact on cellular mechanisms related to lipid storage and insulin resistance. Planta Medica, 2010, 76, .	1.3	6
43	Human Toxicological Impacts in Life Cycle Assessment of Circular Economy of the Built Environment: A Case Study of Denmark. Buildings, 2022, 12, 130.	3.1	6
44	Green Approaches to Extract Astaxanthin from Shrimp Waste: Process Design and Economic Evaluation. Computer Aided Chemical Engineering, 2016, 38, 649-654.	0.5	4
45	Effect of Chemical and Physical Stress Conditions on the Concentration and Composition of Essential Oil Components in Leaves of Fullâ€Grown <scp>A</scp>rtemisia annua L.. Journal of Agronomy and Crop Science, 2013, 199, 395-404.	3.5	3
46	Kinetics of Phycocyanobilin Cleavage from C-Phycocyanin by Methanolysis. Computer Aided Chemical Engineering, 2016, , 61-66.	0.5	3
47	The effect of seasonality and geographic location on sulphated polysaccharides from brown algae. Aquaculture Research, 2021, 52, 6235-6243.	1.8	3
48	Content of selected phenolic compounds in wine from rondo grapes grown in denmark and effect of heat and cryomaceration. Planta Medica, 2012, 78, .	1.3	3
49	Supercritical fluid extraction of carotenoids from Ulva lactuca (Chlorophyta). Planta Medica, 2014, 80, .	1.3	3
50	Polyacetylenes from carrots with potential anti-diabetic effects. Planta Medica, 2012, 78, .	1.3	2
51	Beneficial effects of carrots (Daucus carota) on adipocyte differentiation, glucose uptake, and fat accumulation. Planta Medica, 2010, 76, .	1.3	1
52	Production and use of Artemisia annua (sweet wormwood) against bacterial diseases in poultry stocks and its effect on food quality. Planta Medica, 2011, 77, .	1.3	1
53	EFFECTS OF LEDS ON PHOTOSYNTHESIS AND SECONDARY METABOLITES IN ROSES, CHRYSANTHEMUMS, AND CAMPANULAS. Acta Horticulturae, 2014, , 695-700.	0.2	0
54	EFFECTS OF LEDS ON CHLOROPHYLL FLUORESCENCE AND SECONDARY METABOLITES IN PHALAENOPSIS. Acta Horticulturae, 2015, , 87-92.	0.2	0

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55	Characterization of alkamide isomers as potential partial PPARÎ³ agonists from the roots of purple coneflower. Planta Medica, 2012, 78, .	1.3	0
56	Screening of plant extracts for potential effects on the metabolic syndrome. Planta Medica, 2012, 78, .	1.3	0
57	Antibacterial and antiprotozoal effect of Artemisia annua extracts. Planta Medica, 2012, 78, .	1.3	0
58	A flavone and cytotoxic activity of sesquiterpenoids from the resinous exudates of cushion bush (Leucophyta brownii). Planta Medica, 2016, 81, S1-S381.	1.3	0