

Joseph Vercauteren

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2491070/joseph-vercauteren-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

3,736
citations

34
h-index

56
g-index

119
ext. papers

3,965
ext. citations

4.3
avg, IF

4.71
L-index

#	Paper	IF	Citations
114	Phytosteranes from Date Palm Fruit and Byproducts: Five Different Varieties Grown in Two Different Locations As Potential sources. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 13754-13761	5.7	61
113	New lipophenols prevent carbonyl and oxidative stresses involved in macular degeneration. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 367-382	7.8	10
112	Isopropyl-phloroglucinol-DHA protects outer retinal cells against lethal dose of all-trans-retinal. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 5057-5069	5.6	8
111	Preclinical pharmacology of a lipophenol in a mouse model of light-induced retinopathy. <i>Experimental and Molecular Medicine</i> , 2020 , 52, 1090-1101	12.8	6
110	Characterization and modulation of brain lipids content of rainbow trout fed with 100% plant based diet rich in omega-3 long chain polyunsaturated fatty acids DHA and EPA. <i>Biochimie</i> , 2020 , 178, 137-147	4.6	3
109	Isoprostanoid Profiling of Marine Microalgae. <i>Biomolecules</i> , 2020 , 10,	5.9	9
108	Identification and quantification of phytosteranes and phytofurans of coffee and cocoa by- and co-products. <i>Food and Function</i> , 2019 , 10, 6882-6891	6.1	10
107	Bis-allylic Deuterated DHA Alleviates Oxidative Stress in Retinal Epithelial Cells. <i>Antioxidants</i> , 2019 , 8,	7.1	4
106	Isoprostanoids quantitative profiling of marine red and brown macroalgae. <i>Food Chemistry</i> , 2018 , 268, 452-462	8.5	17
105	Effects of Cyclic Fatty Acid Monomers from Heated Vegetable Oil on Markers of Inflammation and Oxidative Stress in Male Wistar Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 7172-7180	5.7	9
104	New Lipophenol Antioxidants Reduce Oxidative Damage in Retina Pigment Epithelial Cells. <i>Antioxidants</i> , 2018 , 7,	7.1	19
103	Non-Enzymatic Synthesis of Bioactive Isoprostanoids in the Diatom following Oxidative Stress. <i>Plant Physiology</i> , 2018 , 178, 1344-1357	6.6	29
102	Resveratrol-Linoleate protects from exacerbated endothelial permeability via a drastic inhibition of the MMP-9 activity. <i>Bioscience Reports</i> , 2018 , 38,	4.1	6
101	Total Syntheses of Two bis-Allylic-Deuterated DHA Analogues. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 322-334	3	6
100	Isoprostanones, neuroprostanones and phytosteranes: An overview of 25years of research in chemistry and biology. <i>Progress in Lipid Research</i> , 2017 , 68, 83-108	14.3	97
99	Resveratrol formulated with a natural deep eutectic solvent inhibits active matrix metalloprotease-9 in hormetic conditions. <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1700171	3	21
98	Omega-3 polyunsaturated lipophenols, how and why?. <i>Biochimie</i> , 2016 , 120, 62-74	4.6	34

97	Extra Virgin Olive Oil Reduced Polyunsaturated Fatty Acid and Cholesterol Oxidation in Rodent Liver: Is This Accounted for Hydroxytyrosol-Fatty Acid Conjugation?. <i>Chemical Research in Toxicology</i> , 2016 , 29, 1689-1698	4	19
96	Phloroglucinol protects retinal pigment epithelium and photoreceptor against all-trans-retinal-induced toxicity and inhibits A2E formation. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 1651-63	5.6	12
95	Synthesis and Evaluation of Polyunsaturated Fatty Acid Phenol Conjugates as Anti-Carbonyl-Stress Lipophenols. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4548-4561	3.2	21
94	A Huge PVDF Adsorption Difference Between Resveratrol and Viniferin Allows to Quantitatively Purify Them and to Assess Their Anti-Tyrosinase Property. <i>Chromatographia</i> , 2014 , 77, 957-961	2.1	10
93	Non-enzymatic lipid oxidation products in biological systems: assessment of the metabolites from polyunsaturated fatty acids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 964, 65-78	3.2	54
92	Quercetin accumulates in nuclear structures and triggers specific gene expression in epithelial cells. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 656-66	6.3	40
91	Novel oligomeric proanthocyanidin derivatives interact with membrane androgen sites and induce regression of hormone-independent prostate cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 24-32	4.7	26
90	Evaluation of antitumor effects of two vine stalk oligomers of resveratrol on a panel of lymphoid and myeloid cell lines: comparison with resveratrol. <i>Life Sciences</i> , 2007 , 81, 1565-74	6.8	42
89	Quercetin exhibits a specific fluorescence in cellular milieu: a valuable tool for the study of its intracellular distribution. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 2873-8	5.7	49
88	Sensitivity of cardiac background inward rectifying K ⁺ outward current (IK1) to the alkaloids lepadiformines A, B, and C. <i>Journal of Natural Products</i> , 2006 , 69, 558-62	4.9	50
87	Resveratrol exerts its antiproliferative effect on HepG2 hepatocellular carcinoma cells, by inducing cell cycle arrest, and NOS activation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 1657-66	6.8	82
86	Discrimination of wines based on 2D NMR spectra using learning vector quantization neural networks and partial least squares discriminant analysis. <i>Analytica Chimica Acta</i> , 2006 , 558, 144-149	6.6	31
85	Monomeric and oligomeric flavanols are agonists of membrane androgen receptors. <i>Experimental Cell Research</i> , 2005 , 309, 329-39	4.2	41
84	Homeostatic signature of anabolic steroids in cattle using 1H-13C HMBC NMR metabonomics. <i>Journal of Proteome Research</i> , 2005 , 4, 1493-502	5.6	35
83	Signature biologique du dopage: un avenir pour la d'ection?. <i>Science and Sports</i> , 2005 , 20, 222-225	0.8	2
82	Vasorelaxant effects of grape polyphenols in rat isolated aorta. Possible involvement of a purinergic pathway. <i>Fundamental and Clinical Pharmacology</i> , 2003 , 17, 673-81	3.1	39
81	Total synthesis of asymmetric flavonoids: the development and applications of 13C-labelling. <i>Comptes Rendus Chimie</i> , 2002 , 5, 577-590	2.7	5
80	(2-Arylhidrazonomethyl)-substituted xanthenes as antimycotics: synthesis and fungistatic activity against Candida species. <i>European Journal of Medicinal Chemistry</i> , 2002 , 37, 237-53	6.8	14

79	First observation of non-covalent complexes for a tannin-protein interaction model investigated by electrospray ionisation mass spectroscopy. <i>Tetrahedron Letters</i> , 2002 , 43, 2363-2366	2	34
78	Methods in synthesis of flavonoids. Part 3: Molybdenum(IV)-catalyzed coupling of cinnamyl alcohols to phenol derivatives. <i>Tetrahedron Letters</i> , 2002 , 43, 2675-2678	2	14
77	Galloylated catechins and stilbene diglucosides in <i>Vitis vinifera</i> cell suspension cultures. <i>Phytochemistry</i> , 2002 , 60, 795-8	4	27
76	Direct liquid chromatographic analysis of resveratrol derivatives and flavanonols in wines with absorbance and fluorescence detection. <i>Analytica Chimica Acta</i> , 2002 , 458, 103-110	6.6	142
75	Preparative isolation of polyphenolic compounds from <i>Vitis vinifera</i> by centrifugal partition chromatography. <i>Journal of Chromatography A</i> , 2002 , 964, 123-8	4-5	74
74	Resveratrol inhibits the growth and induces the apoptosis of both normal and leukemic hematopoietic cells. <i>Carcinogenesis</i> , 2002 , 23, 1327-33	4.6	125
73	Possible mechanism for involvement of cysteine in aroma production in wine. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6160-4	5-7	22
72	Carbon-14 biolabelling of wine polyphenols in <i>Vitis vinifera</i> cell suspension cultures. <i>Journal of Biotechnology</i> , 2002 , 95, 49-56	3-7	37
71	Levels of stilbene oligomers and astilbin in French varietal wines and in grapes during noble rot development. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2046-52	5-7	88
70	First observation of solution structures of bradykinin-penta-O-galloyl-D-glucopyranose complexes as determined by NMR and simulated annealing. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1571, 89-101	4	27
69	Metabonomic assessment of physiological disruptions using 1H-13C HMBC-NMR spectroscopy combined with pattern recognition procedures performed on filtered variables. <i>Analytical Chemistry</i> , 2002 , 74, 2261-73	7.8	64
68	Total synthesis of isotopically labelled flavonoids. Part 3: For Part 2, see Ref. 1. 13 C-labelled (E)-procyanidin B3 from 1-[13 C]-acetic acid. <i>Tetrahedron Letters</i> , 2001 , 42, 1279-1281	2	23
67	Total synthesis of isotopically labelled flavonoids. Part 5: Gram-scale production of 13C-labelled (E)-procyanidin B3. <i>Tetrahedron Letters</i> , 2001 , 42, 5669-5671	2	29
66	Gram-Scale Production and Applications of Optically Pure 13C-Labelled (+)-Catechin and (E)-Epicatechin. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 2379-2384	3.2	20
65	NMR and simulated annealing investigations of bradykinin in presence of polyphenols. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001 , 18, 627-37	3.6	20
64	Polyphenols newly extracted in red wine from southwestern France by centrifugal partition chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5934-8	5-7	39
63	Occurrence of anthocyanin-derived pigments in red wines. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 4836-40	5-7	116
62	13C-Labelled (±)-Catechin From Potassium [13C]Cyanide. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 1279-1283	3.2	23

61	DNA triplex stabilization property of natural anthocyanins. <i>Phytochemistry</i> , 2000 , 53, 679-87	4	41
60	Methods in synthesis of flavonoids.. <i>Tetrahedron Letters</i> , 2000 , 41, 9049-9051	2	16
59	Nortriterpenoid and sesquiterpenoid glucosides from <i>Juniperus phynicea</i> and <i>Galega officinalis</i> . <i>Phytochemistry</i> , 1999 , 50, 1219-1223	4	37
58	Production of ¹³ C-labelled anthocyanins by <i>Vitis vinifera</i> cell suspension cultures. <i>Phytochemistry</i> , 1999 , 51, 651-6	4	47
57	Synthesis, structural characterization and thromboxane A2 receptor antagonistic activity of 3-substituted 2-[(arylsulfonyl)imino]-2,3-dihydrothiazolyl derivatives. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 311-328	6.8	3
56	New entries into the indolizino[8,7-b]indole ring system. <i>Tetrahedron</i> , 1999 , 55, 9817-9828	2.4	6
55	New 2-sulfonamidothiazoles substituted at C-4: synthesis of polyoxygenated aryl derivatives and in vitro evaluation of antifungal activity. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 773-779	6.8	21
54	Determination of stilbenes (trans-astringin, cis- and trans-piceid, and cis- and trans-resveratrol) in Portuguese wines. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 2666-70	5.7	174
53	Phenols as C- and O-Nucleophiles in Palladium-Catalysed Allylic Substitutions. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 2231-2234	3.2	28
52	Phenols as C- and O-Nucleophiles in Palladium-Catalysed Allylic Substitutions 1999 , 1999, 2231		3
51	Sulfur Dioxide Decolorization or Resistance of Anthocyanins: NMR Structural Elucidation of Bisulfite-Adducts 1999 , 779-790		1
50	Isolation, identification, and antioxidant activity of three stilbene glucosides newly extracted from <i>Vitis vinifera</i> cell cultures. <i>Journal of Natural Products</i> , 1998 , 61, 655-7	4.9	131
49	Bisulfite addition to anthocyanins: revisited structures of colourless adducts. <i>Tetrahedron Letters</i> , 1998 , 39, 5771-5774	2	71
48	Acylated kaempferol glycosides from <i>Laurus nobilis</i> leaves. <i>Phytochemistry</i> , 1998 , 47, 821-824	4	51
47	Antioxidant Activity of the Stilbene Astringin, Newly Extracted from <i>Vitis vinifera</i> Cell Cultures. <i>Clinical Chemistry</i> , 1997 , 43, 1092-1093	5.5	61
46	Triplex stability of oligodeoxynucleotides containing substituted quinazoline-2,4-(1H,3H)-dione. <i>Tetrahedron</i> , 1997 , 53, 8457-8478	2.4	26
45	Deuterium labeled procyanidin syntheses. <i>Tetrahedron Letters</i> , 1997 , 38, 5639-5642	2	17
44	Three phenylpropanoids from <i>Juniperus phīicea</i> . <i>Phytochemistry</i> , 1997 , 44, 1169-1173	4	34

43	Phenylpropanoids from leaves of <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 1997 , 45, 1679-1682	4	32
42	Phenylpropane glycosides from <i>Juniperus phoenicea</i> . <i>Planta Medica</i> , 1996 , 62, 88-9	3.1	20
41	The Accumulation of Stilbene Glycosides in <i>Vitis vinifera</i> Cell Suspension Cultures. <i>Journal of Natural Products</i> , 1996 , 59, 1189-1191	4.9	75
40	Phibiceramide, the first natural bis-furanone propane derivative from <i>Juniperus phoenicea</i> L.. <i>Tetrahedron Letters</i> , 1996 , 37, 2955-2958	2	15
39	New biologically active pectinoacetal-related sterols from the gorgonian <i>Ctenocella</i> sp.. <i>Tetrahedron Letters</i> , 1996 , 37, 2959-2962	2	6
38	First symmetrical bicyclo[6.6.0]tetradecane resveratrol tetramer from stalks of <i>Vitis vinifera</i> (Vitaceae). <i>Tetrahedron Letters</i> , 1996 , 37, 4697-4700	2	7
37	Castavinol, a new series of polyphenols from Bordeaux red wines. <i>Tetrahedron Letters</i> , 1996 , 37, 7739-7742	2	19
36	Multivariate statistical analysis of two-dimensional NMR data to differentiate grapevine cultivars and clones. <i>Food Chemistry</i> , 1996 , 57, 441-450	8.5	42
35	Two furanone glucoside derivatives from <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 1996 , 41, 1329-1332	4	14
34	Iridoids and flavones from <i>Gentiana depressa</i> . <i>Phytochemistry</i> , 1996 , 42, 139-143	4	20
33	Structural determination of colourless and yellow dimers resulting from (+)-catechin coupling catalysed by grape polyphenoloxidase. <i>Phytochemistry</i> , 1996 , 42, 1279-1288	4	241
32	Trans-resveratrol-3-O- β -glucoside (piceid) in cell suspension cultures of <i>Vitis vinifera</i> . <i>Phytochemistry</i> , 1996 , 42, 1591-1593	4	62
31	Synthesis and binding affinities of a series of 1,2-benzisoxazole-3-carboxamides to dopamine and serotonin receptors. <i>European Journal of Medicinal Chemistry</i> , 1996 , 31, 957-964	6.8	15
30	Quinazoline-2,4(1H,3H)-dione as a substitute for thymine in triple-helix forming oligonucleotides: a reassessment. <i>Nucleic Acids Research</i> , 1996 , 24, 1127-35	20.1	27
29	Two bis-indole alkaloids from leaves of <i>Ervatamia polyneura</i> . <i>Phytochemistry</i> , 1995 , 40, 953-959	4	7
28	Photochemical studies on a phenolic phenylcoumarone lignin model molecule in relation to the photodegradation of lignocellulosic materials. Part 1. Structure of the photoproducts. <i>Research on Chemical Intermediates</i> , 1995 , 21, 223-245	2.8	6
27	Photochemical studies on a phenolic phenylcoumarone lignin model molecule in relation to the photodegradation of lignocellulosic materials. Part 2. Photophysical and photochemical studies. <i>Research on Chemical Intermediates</i> , 1995 , 21, 247-262	2.8	5
26	Structural analysis of the mannan region of lipoarabinomannan from <i>Mycobacterium bovis</i> BCG. Heterogeneity in phosphorylation state. <i>Journal of Biological Chemistry</i> , 1995 , 270, 15012-21	5.4	26

25	2D NMR structure elucidation of proanthocyanidins: The special case of the catechin-(4 β -8)-catechin-(4 β -8)-catechin trimer. <i>Magnetic Resonance in Chemistry</i> , 1995 , 33, 85-94	2.1	35
24	Platelet antiaggregant methoxyphenylthienyl ketoxime ethers: synthesis and structure-activity relationships. <i>Archiv Der Pharmazie</i> , 1995 , 328, 417-24	4.3	3
23	Unexpected [3 + 2] cycloaddition between ethyl β -(N,N-dimethylamino)pentadienoate and acrylonitrile. <i>Tetrahedron Letters</i> , 1994 , 35, 1981-1984	2	6
22	Lepadiformine, a new marine cytotoxic alkaloid from <i>Clavelina lepadiformis</i> Müller. <i>Tetrahedron Letters</i> , 1994 , 35, 2691-2694	2	115
21	Bacterial conversion of the fungal ascopyrone T to 2(S)-dihydroascopyrone T (haliclolonol). <i>Phytochemistry</i> , 1994 , 36, 849-852	4	6
20	Depresteroside, a mixed iridoid-secoiridoid structure from <i>Gentiana depressa</i> . <i>Phytochemistry</i> , 1994 , 36, 377-382	4	14
19	Extensive high-resolution reverse 2D NMR analysis for the structural elucidation of procyanidin oligomers. <i>Magnetic Resonance in Chemistry</i> , 1994 , 32, 386-393	2.1	53
18	Lipo-oligosaccharidic antigen from <i>Mycobacterium gastri</i> . Complete structure of a novel C4-branched 3,6-dideoxy- α -xylo-hexopyranose. <i>Biochemistry</i> , 1994 , 33, 1930-7	3.2	19
17	Enzymic activity degrading 1,4- β -D-glucans to ascopyrones P and T in Pezizales and Tuberales. <i>Phytochemistry</i> , 1993 , 33, 41-45	4	23
16	Structure of a novel glycopeptidolipid antigen containing a O-methylated serine isolated from <i>Mycobacterium xenopi</i> . Complete ¹ H-NMR and ¹³ C-NMR assignment. <i>FEBS Journal</i> , 1993 , 214, 395-403		8
15	Stereochemistry of the reaction catalysed by 2-aminoethylphosphonate aminotransferase. A ¹ H-NMR study. <i>FEBS Journal</i> , 1993 , 215, 841-4		10
14	Fungal enzymic activity degrading 1,4- β -D-glucans to echinosporin (5-epipentenomycin I). <i>Phytochemistry</i> , 1991 , 30, 1419-1423	4	18
13	19-hydroxytubotaiwine : total synthesis. Assignment of absolute configuration to a natural isomer. <i>Tetrahedron Letters</i> , 1991 , 32, 1787-1790	2	23
12	A model for the construction of rings I to V of strychnine.. <i>Tetrahedron Letters</i> , 1987 , 28, 1267-1270	2	13
11	An enantioselective access to the (β -tubotaiwine skeleton. <i>Tetrahedron Letters</i> , 1987 , 28, 3573-3576	2	15
10	An enantioselective entry into the strychnos alkaloid skeleton. <i>Tetrahedron Letters</i> , 1987 , 28, 1271-1274		8
9	Activated alkynes as partners in Pictet-Spengler condensations. <i>Journal of Organic Chemistry</i> , 1984 , 49, 2278-2279	4.2	45
8	Methyleneindolines, indolenines, and indoleniniums. 19. A new entry into the hexahydropyrrolidino[2,3-d]carbazole system. <i>Journal of Organic Chemistry</i> , 1984 , 49, 3230-3231	4.2	9

7	Réarrangements en milieu acide trifluoroacétique de deux alcaloïdes indoliques: la desformocorymine et la dihydrocorymine. <i>Helvetica Chimica Acta</i> , 1983 , 66, 2414-2430	2	9
6	Alkaloids of <i>Hunteria zeylanica</i> . <i>Phytochemistry</i> , 1982 , 21, 445-447	4	33
5	Alkaloids of <i>Alstonia lanceolata</i> . <i>Phytochemistry</i> , 1981 , 20, 1411-1413	4	21
4	La lancémigine, alcaloïde d'un type nouveau. <i>Tetrahedron Letters</i> , 1981 , 22, 2871-2874	2	7
3	Alkaloids of <i>Alstonia lanceolifera</i> . <i>Phytochemistry</i> , 1981 , 20, 1987-1990	4	24
2	Alcaloïdes des feuilles et écorces de tronc de <i>Alstonia odontophora</i> . <i>Phytochemistry</i> , 1979 , 18, 1729-1731	4	20
1	Alcaloïdes des feuilles de <i>Hunteria elliotii</i> . <i>Phytochemistry</i> , 1978 , 17, 167-169	4	8