



## Non exhaustive list of scientific articles using Kromaton FCPC



Articles are sorted by **COMPOUND FAMILY**

| Family    | Years | Compound   | Reference  |
|-----------|-------|--|--|
| Alkaloids | 2013  | Nybomycin  | Adelmann et al., Selection of operating parameters on the basis of hydrodynamics in centrifugal partition chromatography for the purification of nybomycin derivatives, <i>Journal of Chromatography A</i> , 1274 (2013) 54–64 |
|           | 2013  | strychnochrysin<br>bisindolomonoterpene<br>alkaloids   | Jonville et al., Dimeric bisindole alkaloids from the stem bark of <i>Strychnos nux-vomica</i> L., <i>Phytochemistry</i> 87 (2013) 157–163   |
|           | 2012  | various  | Nikolić et al., Mass spectrometric dereplication of nitrogen-containing constituents of black cohosh ( <i>Cimicifuga racemosa</i> L.), <i>Fitoterapia</i> 83 (2012) 441–460  |
|           | 2012  | naphthylisoquinoline<br>alkaloids  | Bringmann et al., Highly selective antiplasmodial naphthylisoquinoline alkaloids from <i>Ancistrocladus tectorius</i> , <i>Phytochemistry</i> xxx (2012) xxx–xxx   |
|           | 2011  | Indole Alkaloids   | Vougianniopoulou et al., Simple Indole Alkaloids from the Neotropical Rutaceous Tree <i>Raputia simulans</i> , <i>Planta Med.</i> 2011 Sep;77(13):1559–61  |
|           | 2011  | asimilobine,<br>norushinsunine,<br>norglaucine,<br>liriodenine,<br>anonaine and<br>oxoglaucine | Graziose et al., Antiplasmodial activity of aporphine alkaloids and sesquiterpene lactones from <i>Liriodendron tulipifera</i> L., <i>Journal of Ethnopharmacology</i> 133 (2011) 26–30  |
|           | 2010  | Guanidine alkaloid   | Gödecke et al., Guanidine Alkaloids and Pictet-Spengler Adducts from Black Cohosh ( <i>Cimicifuga racemosa</i> ), <i>J. Nat. Prod.</i> 2009, 72, 433–437   |
|           | 2010  | Indole Alkaloid<br>(raputindole)   | Vougianniopoulou et al., The Raputindoles: Novel Cyclopentyl Bisindole Alkaloids from <i>Raputia simulans</i> , <i>Org. Lett.</i> , Vol. 12, No. 9, 2010   |
|           | 2009  | Chanoclavine,<br>Lysergol  | Maurya et al., Large-scale separation of clavine alkaloids from <i>Ipomoea muricata</i> by pH-zone-refining centrifugal partition chromatography, <i>Journal of Chromatography B</i> , 877 (2009) 1732–1736                    |
|           | 2008  | Naphthylisoquinoline   | Bringmann et al., Six naphthylisoquinoline alkaloids and a   |

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| <b>Alkaloids</b>                    |      | alkaloids   | related benzopyranone from a Congolese <i>Ancistrocladus</i> species related to <i>Ancistrocladus congolensis</i> , <i>Phytochimie</i> Volume 69, Issue 4, February 2008, Pages 1065-1075   |
|                                     | 2008 | Oxindole alkaloids                                | Paradowska et al., <sup>13</sup> C, <sup>15</sup> N CPMAS NMR and GIAO DFT calculations of stereoisomeric oxindole alkaloids from Cat's Claw ( <i>Uncaria tomentosa</i> ), <i>Solid State Nuclear Magnetic Resonance</i> Volume 34, Issue 4, November 2008, Pages 202-209 |
|                                     | 2007 | Huperzine   | Toribio et al., Preparative isolation of huperzines A and B from <i>Huperzia serrata</i> by displacement centrifugal partition chromatography, <i>Journal of Chromatography A</i> , 1140 (2007) 101–106   |
|                                     | 2006 | Methyl sinapate, Methyl-3,4,5-trimethoxycinnamate | Chlouchi et al., Coumarins and furoquinoline alkaloids from <i>Philotheca deserti</i> var. <i>deserti</i> (Rutaceae), <i>Biochemical Systematics and Ecology</i> 34 (2006) 71e74  |
|                                     | 2006 | Seco-Dibenzopyrrocoline                           | Toribio et al., Novel seco-Dibenzopyrrocoline Alkaloid from <i>Cryptocarya oubatchensis</i> , <i>Org. Lett.</i> , 2006, 8 (17), pp 3825–3828  |
| <b>Amino Acids/Peptids/Proteins</b> | 2013 | myoglobin / lysozyme                              | Faure et al., Solvent Selection in Countercurrent Chromatography Using Small-Volume Hydrostatic Columns, FEBRUARY 2013 LCGC NORTH AMERICA VOLUME 31 NUMBER 2  |
|                                     | 2012 | Dipeptides  | Boudesocque et al., Ion-exchange centrifugal partition chromatography: A methodological approach for peptide separation, <i>Journal of Chromatography A</i> , 1236 (2012) 115– 122  |
|                                     | 2012 | l-valyl-l-tryptophan                              | Boudesocque et al., Concentration and selective fractionation of an antihypertensive peptide from an alfalfa white proteins hydrolysate by mixed ion-exchange centrifugal partition chromatography, <i>Journal of Chromatography B</i> , 905 (2012) 23–30                 |
|                                     | 2009 | Micosporin  | Roullier et al., Multiple dual-mode centrifugal partition chromatography as an efficient method for the purification of a mycosporine from a crude methanolic extract of <i>Lichina pygmaea</i> , <i>Journal of Chromatography B</i> , 877 (2009) 2067–2073               |
|                                     | 2008 | xenortides A and B, xenematide                    | Lang et al., Linear and Cyclic Peptides from the Entomopathogenic Bacterium <i>Xenorhabdus nematophilus</i> , <i>J. Nat. Prod.</i> , 2008, 71 (6), pp 1074–1077   |
|                                     | 2006 | Pea Albumin                                       | Bérot et al., Centrifugal partition chromatography as a tool for preparative purification of pea albumin with enhanced yields, <i>Journal of Chromatography B</i> , Volume 818, Issue 1, 15 April 2005, Pages 35-42   |
|                                     | 2004 | Cyclodepsipeptides                                | Bringmann et al., Petrosifungins A and B, Novel Cyclodepsipeptides from a Sponge-Derived Strain of <i>Penicillium brevicompactum</i> , <i>Journal of Natural Products</i> , 2004, Vol. 67, No. 3, 311-315   |
|                                     | 2003 | Dipeptides  | Marchal et al., Centrifugal Partition Chromatography: A Survey of Its History, and Our Recent Advances in the Field, <i>The Chemical Record</i> , Vol. 3, 133–143 (2003)  |
| <b>Anthocyanins</b>                 | 2012 | 7-  | González-Montilla et al., Isolation and identification of phase II  |

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|--------------|------|--|---|
| Anthocyanins |      | methoxyapigeninidin  | enzyme inductors obtained from black Shawaya sorghum [ <i>Sorghum bicolor</i> (L.) Moench] bran, <i>Journal of Cereal Science</i> 55 (2012) 126e131   |
|              | 2012 | delphinidin 3-sambubioside-5-glucosid  | Rojo et al., In vitro and in vivo anti-diabetic effects of anthocyanins from Maqui Berry ( <i>Aristotelia chilensis</i> ), <i>Food Chemistry</i> 131 (2012) 387–396   |
| Chlorins     | 2012 | pheophorbide   | Cieckiewicz et al., Potential anticancer activity of young <i>Carpinus betulus</i> leaves, <i>Phytomedicine</i> 19 (2012) 278– 283  |
| Flavonoids   | 2012 | amentoflavone, 3-methoxy-2-hydroxyxanthone, quercitrin, 3,4-dihydroxybenzoic acid, canophyllol, apetalactone | Ferchichi et al., Bioguided fractionation and isolation of natural inhibitors of advanced glycation end-products (AGEs) from <i>Calophyllum flavoramulum</i> , <i>Phytochemistry</i> xxx (2012) xxx–xxx   |
|              | 2012 | quercetin-3'-O-glucoside   | Reichelt et al., Phytochemical characterization of South African bush tea ( <i>Athrixia phylicoides</i> DC.), <i>South African Journal of Botany</i> 83 (2012) 1 – 8  |
|              | 2012 | galocatechin epigallocatechin epigallocatechin-3-O-gallate   | Trabelsi et al., Isolation of powerful antioxidants from the medicinal halophyte <i>Limoniastrum guyonianum</i> , <i>Food Chemistry</i> 135 (2012) 1419–1424  |
|              | 2012 | Luteolin/Rosmaniric acid   | Engelbertz et al., Bioassay-guided fractionation of a thymol-deprived hydrophilic thyme extract and its antispasmodic effect, <i>Journal of Ethnopharmacology</i> xxx (2012) xxx– xxx   |
|              | 2011 | A-Type Proanthocyanidins   | Killday et al., Bioactive A-Type Proanthocyanidins from <i>Cinnamomum cassia</i> , <i>J. Nat. Prod.</i> , 2011, 74 (9), pp 1833–1841  |
|              | 2011 | Isorhamnetin, Quercetin derivatives  | Michel et al., On-line hyphenation of Centrifugal Partition Chromatography(CPC) and High Pressure Liquid Chromatography (HPLC) for the fractionation of flavonoids from <i>Hippophaë rhamnoides</i> L. berries, <i>Journal of Chromatography A</i> , Volume 1218, Issue 36, 9 September 2011, Pages 6173-6178 |
|              | 2011 | Butrin, Isobutrin  | Michel et al., Two-step Centrifugal Partition Chromatography (CPC) fractionation of <i>Butea monosperma</i> (Lam.) biomarkers, <i>Separation and Purification Technology</i> Volume 80, Issue 1, 12 July 2011, Pages 32-37  |
|              | 2011 | Cajaflavanone  | Morel et al., Preparative Isolation, Fast Centrifugal Partition Chromatography Purification and Biological Activity of Cajaflavanone from <i>Derris ferruginea</i> Stems, <i>Phytochem Anal.</i> 2011   |
|              | 2011 | Various  | Simons et al., Agonistic and antagonistic estrogens in licorice root ( <i>Glycyrrhiza glabra</i> ), <i>Anal Bioanal Chem</i> (2011) 401:305–313   |
|              | 2010 | Isorhamnetin, Quercetin, Kaempferol derivatives  | El Abdellaoui et al., Bioactive molecules in <i>Kalanchoe pinnata</i> leaves: extraction, purification, and identification, <i>Anal Bioanal Chem</i> (2010) 398:1329–1338   |
|              | 2009 | Jacaranone, Chlorogenic acid, Hyperoside...  | Mezache et al., Fast Counter Current Chromatography of n-Butanolic Fraction from <i>Senecio giganteus</i> (Asteraceae), <i>Natural Product Communications</i> Vol. 4 (10) 2009  |

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| <b>Flavonoids</b>    | 2009 | Quercetrin, Rutrin           | UPPUGUNDLA et al., Switchgrass Water Extracts: Extraction, Separation and Biological Activity of Rutin and Quercitrin, <i>J. Agric. Food Chem.</i> 2009, <i>57</i> , 7763–7770   |
|                      | 2009 | flavan-3-ols, procyanidins   | Bicker et al., Proanthocyanidins and a phloroglucinol derivative from <i>Rumex acetosa</i> L., <i>Fitoterapia</i> 80 (2009) 483–495  |
|                      | 2008 | Various flavonoid glycosides | Spanou et al., Antioxidant and Chemopreventive Properties of Polyphenolic Compounds Derived from Greek Legume Plant Extracts, <i>J. Agric. Food Chem.</i> 2008, <i>56</i> , 6967–6976  |
|                      | 2008 | silymarins                   | Engelberth et al., Separation of Silymarins from Milk Thistle ( <i>Silybum Marianum</i> L.) Extracted with Pressurized Hot Water using Fast Centrifugal Partition Chromatography, <i>Journal of Liquid Chromatography &amp; Related Technologies</i> Volume 31, Issue 19, 2008 |
|                      | 2006 | Xanthohumol                  | Renault et al., Purification of Xanthohumol from <i>Humulus lupulus</i> by Centrifugal Partition Chromatography Using an Original Acetone Based Solvent Scale, <i>Journal of Liquid Chromatography &amp; Related Technologies</i> , volume 29, Issue 5, 2006, Pages 761 - 771  |
| <b>Lignans</b>       | 2011 | lignan                       | Grougnet et al., Sesamolol Glucoside, Disaminyl Ether, and Other Lignans from Sesame Seeds, <i>J. Agric. Food Chem.</i> 2012, <i>60</i> , 108–111  |
| <b>Lipids</b>        | 2012 | Glycolipids                  | Hubert et al., New perspectives for microbial glycolipid fractionation and purification processes, <i>C. R. Chimie</i> 15 (2012) 18–28   |
|                      | 2003 | 5-n-alkylresorcinol          | Marchal et al., Rational improvement of centrifugal partition chromatographic settings for the production of 5-n-alkylresorcinols from wheat bran lipid extract I. Flooding conditions—optimizing the injection step, <i>Journal of Chromatography A</i> , 1005 (2003) 51–62   |
| <b>Mycotoxins</b>    | 2008 | Ochratoxin A                 | Cramer et al., Identification and in Vitro Cytotoxicity of Ochratoxin A Degradation Products Formed during Coffee Roasting, <i>J. Agric. Food Chem.</i> 2008, <i>56</i> , 5673–5681  |
| <b>Organic acids</b> | 2011 | Ursolic Acid                 | Maurya et al., Preparative-Scale Separation of Anticancer Triterpenes from <i>Eucalyptus</i> hybrid by Centrifugal Partition Chromatography, <i>Separation Science and Technology</i> , 46: 1189–1194, 2011  |
|                      | 2010 | bisprenylated benzoic acids  | Reichelt et al., Identification of Bisprenylated Benzoic Acid Derivatives from <i>Yerba Santa</i> ( <i>Eriodictyon</i> spp.) Using Sensory-Guided Fractionation, <i>J. Agric. Food Chem.</i> 2010, <i>58</i> , 1850–1859   |
|                      | 2005 | Rosmarinic Acid              | Maciuk et al., Purification of Rosmarinic Acid by Strong Ion-Exchange Centrifugal Partition Chromatography, <i>Journal of Liquid Chromatography &amp; Related Technologies</i> , 28: 1947–1957, 2005   |
| <b>Phenazines</b>    | 2008 | streptophenazines A–D        | Mitova et al., Subinhibitory Concentrations of Antibiotics Induce Phenazine Production in a Marine <i>Streptomyces</i> sp., <i>J. Nat. Prod.</i> , 2008, <i>71</i> (5), pp 824–827   |
| <b>Phénols</b>       | 2013 | various                      | Tanniou et al., Green improved processes to extract bioactive phenolic compounds from brown macroalgae using <i>Sargassum muticum</i> as model, <i>Talanta</i> 104(2013)44–52  |

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| Polyphénols       | 2013 | Aleuropein hydroxytyrosol  | Kyriazis et al., Leishmanicidal activity assessment of olive tree extracts, <i>Phytomedicine</i> 20 (2013) 275–281   |
|                   | 2011 | various  | Papaspyridi et al., Production of bioactive metabolites with pharmaceutical and nutraceutical interest by submerged fermentation of <i>Pleurotus ostreatus</i> in a batch stirred tank bioreactor, <i>Procedia Food Science</i> (2011) 1743-1752 |
|                   | 2007 | Hydroxytyrosol   | Agalias et al., A New Process for the Management of Olive Oil Mill Waste Water and Recovery of Natural Antioxidants, <i>J. Agric. Food Chem.</i> , 2007, 55 (7), pp 2671–2676  |
| Stilbenoids       | 2013 | ampelopsin C, isohopeaphenol, E - $\omega$ -viniferin and quadrangularin A                   | Pawlus et al., Chemical dereplication of wine stilbenoids using high performance liquid chromatography–nuclear magnetic resonance spectroscopy, <i>Journal of Chromatography A</i> , 1289 (2013) 19–26   |
|                   | 2011 | (E)-resveratrol, (E)- $\epsilon$ -viniferin and (E)-vitisin                                  | Bisson et al., <i>Journal of Chromatography A</i> Volume 1218, Issue 36, 9 September 2011, Pages 6079-6084, <i>Journal of Chromatography A</i> Volume 1218, Issue 36, 9 September 2011, Pages 6079-6084  |
|                   | 2009 | Viniferin  | Amira-Guebailia et al., Centrifugal partition chromatography followed by HPLC for the isolation of cis-e-viniferin, a resveratrol dimer newly extracted from a red Algerian wine, <i>Food Chemistry</i> 113 (2009) 320–324                       |
|                   | 2009 | E-resveratrol, E-piceatannol, (+) E-( $\epsilon$ )-viniferin, (+)-ampelopsin A and vitisin C | Zga et al., Preparative purification of antiamyloidogenic stilbenoids from <i>Vitis vinifera</i> (Chardonnay) stems by centrifugal partition chromatography, <i>Journal of Chromatography B</i> , 877 (2009) 1000–1004                           |
|                   | 2004 | Various  | Aumont et al., Production of highly $^{13}\text{C}$ -labeled polyphenols in <i>Vitis vinifera</i> cell bioreactor cultures, <i>Journal of Biotechnology</i> 109 (2004) 287–294   |
| Sugar/derivatives | 2013 | Glucosinolates   | Berhow et al., Optimized analysis and quantification of glucosinolates from <i>Camelina sativa</i> seeds by reverse-phase liquid chromatography, <i>Industrial Crops and Products</i> 43 (2013) 119–125  |
|                   | 2013 | macarangioside E vanillin-(6o-O-galloyl)-O-b-glucopyranoside                                 | Slaghenaufi et al., Centrifugal partition chromatography applied to the isolation of oak wood aroma precursors, <i>Food Chemistry</i> 141 (2013) 2238–2245   |
|                   | 2013 | Xylose Olygomers   | Lau et al., Separation of xylose oligomers using centrifugal partition chromatography with a butanol–methanol–water system, <i>J Ind Microbiol Biotechnol</i> (2013) 40:51–62  |

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| Sugar/derivatives | 2012 | Sinalbine (glucosinolates) | Hamzaoui et al., Strong ion exchange in centrifugal partition extraction (SIX-CPE): Effect of partition cell design and dimensions on purification process efficiency, <i>Journal of Chromatography A</i> , 1247 (2012) 18–25   |
|                   | 2011 | Saponine (Glycyrrhizin)    | Hamzaoui et al., Intensified extraction of ionized natural products by ion pair centrifugal partition extraction, <i>Journal of Chromatography A Volume 1218, Issue 31, 5 August 2011, Pages 5254-5262</i>  |
|                   | 2011 | Terpene glycosides         | Jamróz et al., <sup>13</sup> C CPMAS NMR studies and DFT calculations of triterpene xylosides isolated from <i>Actaea racemosa</i> , <i>Journal of Molecular Structure Volume 994, Issues 1-3, 17 May 2011, Pages 248-255</i>   |
|                   | 2011 | Niazirine                  | Maurya et al., Preparative Isolation of Bioactive Nitrile Glycoside “Niazirin” from the Fruits of <i>Moringa oleifera</i> Using Fast Centrifugal Partition Chromatography, <i>Separation Science and Technology</i> , 46: 7, 1195 — 1199  |
|                   | 2011 | Glucosinolates             | Toribio et al., Preparative Isolation of Glucosinolates from Various Edible Plants by Strong Ion-Exchange Centrifugal Partition Chromatography,   |
|                   | 2011 | Glucosinolates             | Toribio et al., Preparative isolation of glucosinolates from various edible plants by strong ion-exchange centrifugal partition chromatography, <i>Separation and Purification Technology</i> 83 (2011) 15–22   |
|                   | 2010 | Saponines                  | Engelberth et al., Comparing extraction methods to recover ginseng saponins from American ginseng ( <i>Panax quinquefolium</i> ), followed by purification using fast centrifugal partition chromatography with HPLC verification, <i>Separation and Purification Technology</i> 72 (2010) 1–6  |
|                   | 2010 | Jacaglabroside             | Gachet et al., Jacaranone-Derived Glucosidic Esters from <i>Jacaranda glabra</i> and Their Activity against <i>Plasmodium falciparum</i> , <i>J. Nat. Prod.</i> , 2010, 73 (4), pp 553–556  |
|                   | 2010 | Xylose Olygomers           | Lau et al., Separation and purification of xylose oligomers using centrifugal partition chromatography, <i>J Ind Microbiol Biotechnol</i> (2011) 38:363–370   |
|                   | 2009 | Sinalbine (glucosinolates) | Toribio et al., Pilot-scale ion-exchange centrifugal partition chromatography: purification of sinalbin from white mustard seeds, <i>Journal of Separation Science</i> (2009) Volume: 32, Issue: 11, Pages: 1801-7  |
|                   | 2007 | Sinalbine (glucosinolates) | Toribio et al., Strong ion-exchange centrifugal partition chromatography as an efficient method for the large-scale purification of glucosinolates, <i>Journal of Chromatography A</i> , 1170 (2007) 44–51  |
| Synthetics        | 2007 | Ilomastat                  | Moroy et al., Simultaneous presence of unsaturation and long alkyl chain at View the MathML source of Ilomastat confers selectivity for gelatinase A (MMP-2) over gelatinase B (MMP-9) inhibition as shown by molecular modelling studies, <i>Bioorganic &amp; Medicinal Chemistry Volume 15, Issue 14, 15 July 2007, Pages 4753-4766</i> |
|                   | 2006 | Naphtalène/acenapht        | Delannay et al., Multiple dual-mode centrifugal partition   |

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|---------|------|---|---|
|         |      | hylene  | chromatography, a semi-continuous development mode for routine laboratory-scale purifications, <i>Journal of Chromatography A</i> , 1127 (2006) 45–51   |
|         | 2004 | Hydroxycinnamic Acid  | Maciuk et al., Anion-exchange displacement centrifugal partition chromatography, <i>Analytical Chemistry</i> , 2004, vol. 76, no21, pp. 6179-6186   |
|         | 2001 | Various   | Foucault et al., Enantioseparations in counter-current chromatography and centrifugal partition chromatography, <i>Journal of Chromatography A</i> , 906 (2001) 365–378   |
| Terpens | 2013 | Sesquiterpene lactones  | Fischedick et al., Cytotoxic activity of sesquiterpene lactones from <i>Inula britannica</i> on human cancer cell lines, <i>Phytochemistry Letters</i> 6 (2013) 246–252   |
|         | 2013 | carnosic acid, carnosol, epirosmanol, rosmanol, 12-methoxy-carnosic acid, sageone, and carnosaldehyde | Fischedick et al., Structure activity relationship of phenolic diterpenes from <i>Salvia officinalis</i> as activators of the nuclear factor E2-related factor 2 pathway, <i>Bioorganic &amp; Medicinal Chemistry</i> 21 (2013) 2618–2622                           |
|         | 2013 | various   | Högner et al., Development and validation of a rapid ultra-high performance liquid chromatography diode array detector method for <i>Vitex agnus-castus</i> , <i>Journal of Chromatography B</i> , 927 (2013) 181–190   |
|         | 2012 | Triterpen xyloside  | Jamróz (Marta K) et al., One new and six known triterpene xylosides from <i>Cimicifuga racemosa</i> : FT-IR, Raman and NMR studies and DFT calculations, <i>Spectrochimica Acta Part A</i> 93 (2012) 10–18  |
|         | 2011 | Oryzanol  | Angelis et al., One-step isolation of c-oryzanol from rice bran oil by non-aqueous hydrostatic countercurrent chromatography, <i>J. Sep. Sci.</i> 2011, 34, 2528–2537   |
|         | 2011 | diterpen glycoside, triterpen   | Gachet et al., Antiparasitic Compounds from <i>Cupania cinerea</i> with Activities against <i>Plasmodium falciparum</i> and <i>Trypanosoma brucei rhodesiense</i> , <i>J. Nat. Prod.</i> 2011, 74, 559–566  |
|         | 2011 | Cimipodocarpaside (triterpene glycoside)  | Jamróz et al., Novel and unusual triterpene from Black Cohosh. Determination of structure of 9,10-seco-9,19-cyclolanostane xyloside (cimipodocarpaside) by NMR, IR and Raman spectroscopy and DFT calculations, <i>Spectrochimica Acta Part A</i> 78 (2011) 107–112 |
|         | 2011 | Sesquiterpene lactones  | Maas et al., An unusual dimeric guaianolide with antiprotozoal activity and further sesquiterpene lactones from <i>Eupatorium perfoliatum</i> , <i>Phytochimie</i> Volume 72, Issue 7, May 2011, Pages 635-644  |
|         | 2011 | triterpenoid  | Marchal et al., Identification of New Natural Sweet Compounds in Wine Using Centrifugal Partition Chromatography Gustatometry and Fourier Transform Mass Spectrometry, <i>Anal. Chem.</i> 2011, 83, 9629–9637   |
|         | 2011 | Sesquiterpene lactones  | Hensel et al., <i>Eupatorium perfoliatum</i> L.: Phytochemistry, traditional use and current applications, <i>Journal of Ethnopharmacology</i> 138 (2011) 641–651   |

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| <b>Terpens</b>  | 2010 | Massoia lactones           | Urbain et al., Hydrostatic countercurrent chromatography and ultra high pressure LC: Two fast complementary separation methods for the preparative isolation and the analysis of the fragrant massoia lactones., <i>J. Sep. Sci.</i> 2010, 33, 1198–1203 |
|                 | 2009 | Trichothecenes (Toxin)     | Bayer et al., Large-scale production of selected type A trichothecenes: the use of HT-2 toxin and T-2 triol as precursors for the synthesis of d 3-T-2 and d 3-HT-2 toxin, <i>Mycotoxin Research</i> Volume 25, Number 1, 41-52                          |
|                 | 2008 | Sesquiterpene lactones     | Kotsos et al., Sesquiterpene Lactones from <i>Staehelina fruticosa</i> , <i>J. Nat. Prod.</i> , 2008, 71 (5), pp 847–85  |
|                 | 2007 | quinonemethide triterpenes | Gutiérrez et al., Terpenoids from the Medicinal Plant <i>Maytenus ilicifolia</i> , <i>J. Nat. Prod.</i> , 2007, 70 (6), pp 1049–1052   |
|                 | 2007 | Xanthanolides              | Pinel et al., Multi-grams scale purification of xanthanolides from <i>Xanthium macrocarpum</i> Centrifugal partition chromatography versus silica gel chromatography, <i>Journal of Chromatography A</i> , 1151 (2007) 14–19                             |
| <b>Toxins</b>   | 2012 | Brevetoxins                | McCall et al., Development of a competitive fluorescence-based synaptosome binding assay for brevetoxins, <i>Harmful Algae</i> 19 (2012) 85–91   |
| <b>Xanthone</b> | 2009 | Various                    | Destandau et al., Centrifugal partition chromatography directly interfaced with mass spectrometry for the fast screening and fractionation of major xanthones in <i>Garcinia mangostana</i> , <i>Journal of Chromatography A</i> , 1216 (2009) 1390–1394 |
|                 | 2008 | Various                    | Hay et al., Antileishmanial polyphenols from <i>Garcinia vieillardii</i> , <i>Volume 15, Issue 14, 15 July 2007, Pages 4753-4766</i>   |