

Samir Benayache

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8281427/publications.pdf>

Version: 2024-02-01

101
papers

1,066
citations

471061

17
h-index

610482

24
g-index

106
all docs

106
docs citations

106
times ranked

1539
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cladocalol, a pentacyclic 28-nor-triterpene from <i>Eucalyptus cladocalyx</i> with cytotoxic activity. <i>Phytochemistry</i> , 2005, 66, 627-632. | 1.4 | 39 |
| 2 | Sesquiterpene lactones from <i>Pulicaria crispa</i> . <i>FÄ-toterapÄ-Ä</i> , 2000, 71, 373-378. | 1.1 | 36 |
| 3 | Chemical constituents, cytotoxic, antifungal and antimicrobial properties of <i>Centaurea diluta</i> Ait. subsp. <i>algeriensis</i> (Coss. & Dur.) Maire. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 554-561. | 0.4 | 35 |
| 4 | Isolation from <i>Eucalyptus occidentalis</i> and Identification of a New Kaempferol Derivative that Induces Apoptosis in Human Myeloid Leukemia Cells. <i>Journal of Natural Products</i> , 2004, 67, 527-531. | 1.5 | 33 |
| 5 | Leaf Oils of some <i>Eucalyptus</i> Species Growing in Algeria. <i>Journal of Essential Oil Research</i> , 2001, 13, 210-213. | 1.3 | 32 |
| 6 | Triterpenes and polyphenols from <i>Anogeissus leiocarpus</i> (Combretaceae). <i>Biochemical Systematics and Ecology</i> , 2008, 36, 59-62. | 0.6 | 29 |
| 7 | A flavonoid with cytotoxic activity and other constituents from <i>Centaurea africana</i> . <i>Phytochemistry Letters</i> , 2009, 2, 114-118. | 0.6 | 29 |
| 8 | Chemical constituents and biological activities of the genus <i>Linaria</i> (Scrophulariaceae). <i>Natural Product Research</i> , 2015, 29, 1589-1613. | 1.0 | 28 |
| 9 | Chemical constituents and in vitro anti-inflammatory activity of <i>Cistanche violacea</i> Desf. (Orobanchaceae) extract. <i>FÄ-toterapÄ-Ä</i> , 2016, 109, 248-253. | 1.1 | 27 |
| 10 | Qualitative and Quantitative Phytochemical Analysis of Different Extracts from <i>Thymus algeriensis</i> Aerial Parts. <i>Molecules</i> , 2018, 23, 463. | 1.7 | 25 |
| 11 | A new flavonoid and other constituents from <i>Centaurea nicaeensis</i> All. var. <i>walliana</i> M.. <i>Natural Product Research</i> , 2012, 26, 203-208. | 1.0 | 23 |
| 12 | Protective Activity of Total Polyphenols from <i>Genista quadriflora</i> Munby and <i>Teucrium polium</i> geyrii Maire in Acetaminophen-Induced Hepatotoxicity in Rats. <i>Nutrients</i> , 2016, 8, 193. | 1.7 | 22 |
| 13 | On-Line Screening, Isolation and Identification of Antioxidant Compounds of <i>Helianthemum ruficomum</i> . <i>Molecules</i> , 2017, 22, 239. | 1.7 | 21 |
| 14 | A new guaianolide and other sesquiterpene lactones from <i>Centaurea acaulis</i> L. (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2005, 33, 1061-1065. | 0.6 | 20 |
| 15 | Cytotoxic sesquiterpene lactones and other constituents of <i>Centaurea omphalotricha</i> . <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 977-983. | 0.6 | 20 |
| 16 | Flavonoids from <i>Centaurea incana</i> (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 1997, 25, 361-362. | 0.6 | 19 |
| 17 | Composition of the oils from <i>Mentha pulegium</i> grown in different areas of the East of Algeria. <i>Chemistry of Natural Compounds</i> , 2007, 43, 481-483. | 0.2 | 18 |
| 18 | Secondary metabolites from <i>Centaurea lippii</i> . <i>Chemistry of Natural Compounds</i> , 2010, 46, 801-802. | 0.2 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On-line screening and identification of antioxidant phenolic compounds of <i>Saccocalyx satureioides</i> Coss. et Dur. <i>Industrial Crops and Products</i> , 2015, 76, 910-919. | 2.5 | 18 |
| 20 | Protective Effect of Green Tea (<i>Camellia sinensis</i> (L.) Kuntze) against Prostate Cancer: From In Vitro Data to Algerian Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12. | 0.5 | 18 |
| 21 | Polyphenolic content and bioactivities of <i>Crataegus oxyacantha</i> L. (Rosaceae). <i>Natural Product Research</i> , 2021, 35, 627-632. | 1.0 | 18 |
| 22 | Exploring the Bioactive Terpenoid Content of an Algerian Plant of the Genus <i>Pulicaria</i> : The <i>ent</i> -Series of Asteriscunolides. <i>Journal of Natural Products</i> , 2017, 80, 82-89. | 1.5 | 16 |
| 23 | <i>Scabiosa stellata</i> L. Phenolic Content Clarifies Its Antioxidant Activity. <i>Molecules</i> , 2018, 23, 1285. | 1.7 | 16 |
| 24 | <i>Atriplex mollis</i> Desf. Aerial Parts: Extraction Procedures, Secondary Metabolites and Color Analysis. <i>Molecules</i> , 2018, 23, 1962. | 1.7 | 16 |
| 25 | Guaianolides from <i>Centaurea musimomum</i> . <i>Phytochemistry</i> , 1997, 45, 1449-1451. | 1.4 | 15 |
| 26 | Eudesmanolide from <i>Centaurea granata</i> . <i>Phytochemistry</i> , 1998, 49, 2425-2427. | 1.4 | 15 |
| 27 | Isolation, Antioxidant and Antimicrobial Activities of Ecdysteroids from <i>Serratula cichoracea</i> . <i>Current Bioactive Compounds</i> , 2018, 14, 60-66. | 0.2 | 15 |
| 28 | Sesquiterpene lactones from <i>Centaurea pullata</i> . <i>Phytochemistry</i> , 1992, 31, 4359-4360. | 1.4 | 14 |
| 29 | A new flavone glycoside from <i>Centaurea furfuracea</i> . <i>Fä-toterapÄ-Äç</i> , 1999, 70, 368-370. | 1.1 | 14 |
| 30 | Phenolic compounds from <i>Centaurea africana</i> . <i>Chemistry of Natural Compounds</i> , 2006, 42, 610-611. | 0.2 | 14 |
| 31 | Flavonoids from <i>Anvillea radiata</i> Coss. & Dur. (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2006, 34, 718-720. | 0.6 | 13 |
| 32 | A new isoflavone from <i>Genista saharae</i> (Fabaceae). <i>Biochemical Systematics and Ecology</i> , 2005, 33, 635-638. | 0.6 | 12 |
| 33 | Sesquiterpene lactones and other constituents from <i>Matricaria chamomilla</i> L. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 533-538. | 0.6 | 12 |
| 34 | Chemical composition and antioxidant activity of a polar extract of <i>Thymelaea microphylla</i> Coss. et Dur.. <i>Natural Product Research</i> , 2015, 29, 671-675. | 1.0 | 12 |
| 35 | Assessment of the antiprotozoal activity of <i>Pulicaria inuloides</i> extracts, an Algerian medicinal plant: leishmanicidal bioguided fractionation. <i>Parasitology Research</i> , 2018, 117, 531-537. | 0.6 | 12 |
| 36 | Flavonoid aglycones from <i>Centaurea sphaerocephala</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 234-235. | 0.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Glycosyl flavonoid profile, <i>in vivo</i> antidiabetic and <i>in vitro</i> antioxidant properties of <i>Linaria reflexa</i> Desf.. Natural Product Research, 2017, 31, 2042-2048. | 1.0 | 11 |
| 38 | Anti-inflammatory and Antioxidant Effects of <i>Lotus corniculatus</i> on Paracetamol-induced Hepatitis in Rats. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 128-139. | 1.1 | 11 |
| 39 | A new guaianolide and other constituents from <i>Achillea ligustica</i> . Biochemical Systematics and Ecology, 2008, 36, 461-466. | 0.6 | 10 |
| 40 | Essential oils of <i>Santolina africana</i> Jord. & Fourr. and <i>Santolina chamaecyparissus</i> L.. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 1338-1342. | 0.7 | 10 |
| 41 | HPLC analysis, anti-oxidant activity of <i>Genista ferox</i> and its anti-proliferative effect in HeLa cell line. Bangladesh Journal of Pharmacology, 2017, 12, 260-267. | 0.1 | 10 |
| 42 | Characterization of ethyl acetate and n-butanol extracts of <i>Cymbopogon schoenanthus</i> and <i>Helianthemum lippii</i> and their effect on the smooth muscle of the rat distal colon. Journal of Ethnopharmacology, 2020, 252, 112613. | 2.0 | 10 |
| 43 | Terpenoids and trynepoxide from the aerial part of <i>Rhantherium adpressum</i> . Chemistry of Natural Compounds, 2007, 43, 110-111. | 0.2 | 9 |
| 44 | Flavonoid aglycones from <i>Centaurea maroccana</i> . Chemistry of Natural Compounds, 2011, 47, 105-106. | 0.2 | 9 |
| 45 | Matrix solid-phase dispersion as a tool for phytochemical and bioactivities characterisation: <i>Crataegus oxyacantha</i> L._A case study. Natural Product Research, 2018, 32, 1220-1223. | 1.0 | 9 |
| 46 | Chemical Constituents, Antioxidant, Anticholinesterase and Antiproliferative Effects of Algerian <i>Pistacia atlantica</i> Desf. Extracts. Recent Patents on Food, Nutrition & Agriculture, 2020, 11, 249-256. | 0.5 | 9 |
| 47 | Hepatoprotective Effects of Algerian <i>Crataegus oxyacantha</i> Leaves. Recent Patents on Food, Nutrition & Agriculture, 2019, 10, 70-75. | 0.5 | 9 |
| 48 | Flavonoids and isoflavonoids from <i>Genista tricuspidata</i> . Chemistry of Natural Compounds, 2006, 42, 730-731. | 0.2 | 8 |
| 49 | Sesquiterpene lactones and phenolic compounds from <i>Centaurea maroccana</i> . Chemistry of Natural Compounds, 2007, 43, 749-750. | 0.2 | 8 |
| 50 | Iridoids and anti-inflammatory properties of n-butanol extract of <i>Linaria tingitana</i> Boiss. & Reut.. Natural Product Research, 2017, 31, 2008-2015. | 1.0 | 8 |
| 51 | New Constituents from <i>Gymnocarpos decander</i> . Planta Medica, 2017, 83, 1200-1206. | 0.7 | 8 |
| 52 | Antioxidant and Leishmanicidal Evaluation of <i>Pulicaria Inuloides</i> Root Extracts: A Bioguided Fractionation. Pathogens, 2019, 8, 201. | 1.2 | 8 |
| 53 | Evaluation of antidiabetic, dermatoprotective, neuroprotective and antioxidant activities of <i>Chrysanthemum fontanesii</i> flowers and leaves extracts. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101209. | 1.5 | 8 |
| 54 | Secondary Metabolites from <i>Globularia alypum</i> . Chemistry of Natural Compounds, 2008, 44, 543-544. | 0.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Flavonoid glucosides from <i>Centaurea sphaerocephala</i> . <i>Chemistry of Natural Compounds</i> , 2010, 46, 452-453. | 0.2 | 7 |
| 56 | Flavonoids of the Exudate of <i>Centaurea calcitrapa</i> . <i>Chemistry of Natural Compounds</i> , 2015, 51, 762-763. | 0.2 | 7 |
| 57 | Humulene derivatives from Saharian <i>Asteriscus graveolens</i> . <i>Tetrahedron Letters</i> , 2018, 59, 2668-2670. | 0.7 | 7 |
| 58 | <i>Centaurea microcarpa</i> Coss. & Dur. (Asteraceae) extracts: New cyanogenic glucoside and other constituents. <i>Natural Product Research</i> , 2019, 33, 3070-3076. | 1.0 | 7 |
| 59 | Phenolic Profile and Antioxidant Activity of <i>Centaurea choulettiana</i> Pomel (Asteraceae) Extracts. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2016, 19, 841-846. | 0.6 | 7 |
| 60 | Flavonoids of <i>Serratula cichoracea</i> and their antioxidant activity. <i>Chemistry of Natural Compounds</i> , 2007, 43, 618-619. | 0.2 | 6 |
| 61 | Four flavonoids from the aerial part of <i>Ononis angustissima</i> species. <i>Chemistry of Natural Compounds</i> , 2009, 45, 874-875. | 0.2 | 6 |
| 62 | Flavonoids from <i>Artemisia arborescens</i> . <i>Chemistry of Natural Compounds</i> , 2014, 49, 1132-1133. | 0.2 | 6 |
| 63 | Secondary Metabolites from <i>Linaria tingitana</i> . <i>Chemistry of Natural Compounds</i> , 2015, 51, 1202-1203. | 0.2 | 6 |
| 64 | In Vitro Pharmacological Screening of Antioxidant, Photoprotective, Cholinesterase, and $\hat{I}\pm$ -Glucosidase Inhibitory Activities of Algerian <i>Crataegus oxyacantha</i> Fruits and Leaves Extracts. <i>Pharmaceutical Chemistry Journal</i> , 2021, 54, 1150-1156. | 0.3 | 6 |
| 65 | In vitro antioxidant, DNA-damaged protection and antiproliferative activities of ethyl acetate and n-butanol extracts of <i>Centaurea sphaerocephala</i> L.. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180462. | 0.3 | 6 |
| 66 | Cynaratriol, a sesquiterpene lactone from <i>Centaurea musimomum</i> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1867-o1868. | 0.2 | 5 |
| 67 | Flavonoid aglycones and sterol from <i>Chrysanthemum fontanesii</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 107-108. | 0.2 | 5 |
| 68 | More Flavonoids from the Ethyl Acetate Extract of <i>Ononis angustissima</i> Species. <i>Chemistry of Natural Compounds</i> , 2013, 49, 749-750. | 0.2 | 5 |
| 69 | Secondary Metabolites from the Aerial Part of <i>Inula crithmoides</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 763-764. | 0.2 | 5 |
| 70 | Isolation of phytoconstituents and evaluation of biological potentials of <i>Berberis hispanica</i> from Algeria. <i>Bangladesh Journal of Pharmacology</i> , 2018, 13, 179-186. | 0.1 | 5 |
| 71 | Chemical composition, <i>in vitro</i> antiparasitic, antimicrobial and antioxidant activities of <i>Frankenia thymifolia</i> Desf.. <i>Natural Product Research</i> , 2020, 34, 3363-3368. | 1.0 | 4 |
| 72 | First report on phytochemical investigation, antioxidant and antidiabetic activities of <i>Helianthemum getulum</i> . <i>Natural Product Research</i> , 2022, 36, 2806-2813. | 1.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Chemical Composition of Algerian <i>Thymus algeriensis</i> Boiss. & Reut. and <i>Marrubium vulgare</i> L. (Lamiaceae) Essential Oils from the Aures Region. <i>Acta Scientifica Naturalis</i> , 2020, 7, 1-14. | 0.0 | 4 |
| 74 | Phytochemical study of <i>Halimium halimifolium</i> . <i>Chemistry of Natural Compounds</i> , 2012, 47, 1023-1024. | 0.2 | 3 |
| 75 | Chemical Constituents of the Aerial Parts of <i>Santolina chamaecyparissus</i> and Evaluation of Their Antioxidant Activity. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201. | 0.2 | 3 |
| 76 | In vitro Antiproliferative and inhibition of oxidative DNA damage activities of n-butanol extract of <i>Limonium bonduelli</i> from Algeria. <i>Brazilian Archives of Biology and Technology</i> , 2019, 62, . | 0.5 | 3 |
| 77 | Essential Oil Chemical Characterization and Antioxidant Potential of <i>Pulicaria inuloides</i> from the Southwest of Algeria. <i>Chemistry Africa</i> , 2020, 3, 1053-1058. | 1.2 | 3 |
| 78 | Coumarins and other constituents from <i>Deverra battandieri</i> . <i>Phytochemistry Letters</i> , 2021, 42, 129-133. | 0.6 | 3 |
| 79 | <i>Limonium duriusculum</i> (de Girard) Kuntze Exhibits Anti-inflammatory Effect Via NF- κ B Pathway Modulation. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, . | 0.5 | 3 |
| 80 | Antioxidant and antiproliferative activities of the n-butanol extract of <i>Centaurea maroccana</i> Ball aerial parts. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2021, 34, 5-11. | 0.1 | 3 |
| 81 | Antioxidant, Anti-Inflammatory and Cytotoxic Properties of <i>Centaurea africana</i> Lamk var. [Bonnet] M. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2021, 20, 89-100. | 1.1 | 3 |
| 82 | Les polyphénols de l'extract n-butanol de <i>Crataegus oxyacantha</i> : Évaluation de leur pouvoir antioxydant et protecteur vis-à-vis de la toxicité de la doxorubicine. <i>Phytotherapie</i> , 2018, 16, S22-S31. | 0.1 | 3 |
| 83 | Impact of <i>Chrysanthemum fontanesii</i> extract on sodium valproate mediated oxidative damage in mice kidney. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 067-071. | 0.7 | 3 |
| 84 | Flavonoids from <i>Chrysanthemum fuscatum</i> . <i>Chemistry of Natural Compounds</i> , 2007, 43, 210-211. | 0.2 | 2 |
| 85 | Secondary metabolites from <i>Volutaria crupinoides</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 116-117. | 0.2 | 2 |
| 86 | Secondary metabolites from chloroform extract of <i>Genista tricuspidata</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 277-278. | 0.2 | 2 |
| 87 | Secondary metabolites from <i>Genista ferox</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 710-711. | 0.2 | 2 |
| 88 | Secondary Metabolites and Antioxidant Activity of <i>Limonium duriusculum</i> (de Girard) Kuntze Extracts. <i>Asian Journal of Chemistry</i> , 2016, 28, 2695-2700. | 0.1 | 2 |
| 89 | Modulation of Liver Glutathione-Dependent Enzymes and Steatosis by <i>Linaria tingitana</i> in Sodium Valproate-Treated Rats. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2018, 24, 173-184. | 0.5 | 2 |
| 90 | New sesquiterpenes from <i>Asteriscus graveolens</i> . <i>Natural Product Research</i> , 2019, 35, 1-9. | 1.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | On-line screening and identification of polyphenolic antioxidant compounds of <i>Convolvulus trabutianus</i> . <i>Natural Product Research</i> , 2020, 34, 1490-1493. | 1.0 | 2 |
| 92 | Antioxidant activity and chemical constituents of <i>Anthriscus vulgaris</i> Bernh. (Apiaceae) from Algeria. <i>Acta Scientifica Naturalis</i> , 2020, 7, 59-70. | 0.0 | 2 |
| 93 | Chemical Composition of the Essential Oil of Aerial Parts of <i>Thymus ciliatus</i> (Desf.). <i>Acta Scientifica Naturalis</i> , 2019, 6, 62-70. | 0.0 | 2 |
| 94 | Characterization of Chemical Compounds and Antioxidant Activity of <i>Centaurea solstitialis</i> sp. schouwii (DC.) Q. et S. (Asteraceae). <i>Current Bioactive Compounds</i> , 2020, 16, 618-626. | 0.2 | 2 |
| 95 | Chemical Composition, Antioxidant and Anticorrosive Activities of <i>Hammada articulata</i> Essential Oil. <i>Chemistry Africa</i> , 0, , . | 1.2 | 2 |
| 96 | Crystal structure of pseudoguainolide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o162-o162. | 0.2 | 1 |
| 97 | A New Triterpene Glucoside from <i>Genista numidica</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300. | 0.2 | 1 |
| 98 | Crystal structure of 7,7-dimethyl-6-methylidenetricyclo[6.2.1.01,5]undecane-2-carboxylic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o94-o94. | 0.2 | 0 |
| 99 | <i>Rhanterium suaveolens</i> , Vitamin E and C Pretreatment Prevents Valproic Acid Induced Renal Oxidant Damage. <i>Natural Products Journal</i> , 2021, 11, 553-558. | 0.1 | 0 |
| 100 | Sodium Valproate Affect Brain Antioxidant/Oxidant Status in Mice: Ameliorative Effect of Vitamin E and <i>Chrysanthemum fontanesii</i> Extract. <i>Current Bioactive Compounds</i> , 2020, 16, 576-580. | 0.2 | 0 |
| 101 | Neuroinflammation and Behavioral Deficit in Rotenone-Induced Neurotoxicity in Rats and the Possible Effects of Butanolic Extract of <i>Centaurea africana</i> . <i>Recent Advances in Inflammation & Allergy Drug Discovery</i> , 2022, 15, 35-43. | 0.4 | 0 |