

# Aldo Tava

## List of Publications by Year in descending order

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131  
papers

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147566

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docs citations

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times ranked

4032  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Microalgal Biostimulants and Biofertilisers in Crop Productions. <i>Agronomy</i> , 2019, 9, 192.  | 1.3  | 261       |
| 2  | <i>Medicago truncatula</i> CYP716A12 Is a Multifunctional Oxidase Involved in the Biosynthesis of Hemolytic Saponins. <i>Plant Cell</i> , 2011, 23, 3070-3081.  | 3.1  | 190       |
| 3  | Antimicrobial activity of saponins from <i>Medicago</i> sp.: structure-activity relationship. <i>Phytotherapy Research</i> , 2006, 20, 454-457.   | 2.8  | 178       |
| 4  | Asymmetric Syntheses. Part III. Synthesis of (2R)-(+)-2,3-dihydro-2,6-dimethyl-4H-pyran-4-one, a homologue of pheromones of a species in the hepialidae family.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 2001-2002.                                    | 0.3  | 114       |
| 5  | Isolation and identification for trans-4-(methylthio)-3-butenyl glucosinolate from radish roots ( <i>Raphanus sativus</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 1992, 40, 1687-1691.   | 2.4  | 106       |
| 6  | Genome-Wide Association Mapping and Genomic Selection for Alfalfa ( <i>Medicago sativa</i> ) Forage Quality Traits. <i>PLoS ONE</i> , 2017, 12, e0169234.   | 1.1  | 103       |
| 7  | The protein quality control system manages plant defence compound synthesis. <i>Nature</i> , 2013, 504, 148-152.  | 13.7 | 99        |
| 8  | Expression of the Stilbene Synthase (StSy) Gene from Grapevine in Transgenic White Poplar Results in High Accumulation of the Antioxidant Resveratrol Glucosides. <i>Transgenic Research</i> , 2004, 13, 203-214.   | 1.3  | 81        |
| 9  | Control of plant parasitic nematodes with active saponins and biomass from <i>Medicago sativa</i> . <i>Phytochemistry Reviews</i> , 2011, 10, 503-519.  | 3.1  | 79        |
| 10 | CYP72A67 Catalyzes a Key Oxidative Step in <i>Medicago truncatula</i> Hemolytic Saponin Biosynthesis. <i>Molecular Plant</i> , 2015, 8, 1493-1506.  | 3.9  | 67        |
| 11 | Enhanced triterpene saponin biosynthesis and root nodulation in transgenic barrel medic ( <i>Medicago truncatula</i> Gaertn.) expressing a novel Î²-amyrin synthase ( <i>AsOXA1</i> ) gene. <i>Plant Biotechnology Journal</i> , 2009, 7, 172-182.                      | 4.1  | 57        |
| 12 | Evaluation of nematicidal properties of saponins from <i>Medicago</i> spp.. <i>European Journal of Plant Pathology</i> , 2008, 120, 189-197.  | 0.8  | 55        |
| 13 | Biosynthesis of saponins in the genus <i>Medicago</i> . <i>Phytochemistry Reviews</i> , 2011, 10, 459-469.  | 3.1  | 55        |
| 14 | Variety and environment effects on the dynamics of saponins in lucerne ( <i>Medicago sativa</i> L.). <i>European Journal of Agronomy</i> , 2006, 25, 187-192.   | 1.9  | 49        |
| 15 | Antimicrobial Activity of Polyacetylenes from <i>Bellis perennis</i> and their Synthetic Derivatives. <i>Planta Medica</i> , 1997, 63, 503-507.   | 0.7  | 47        |
| 16 | Triterpenoid Glycosides from Leaves of <i>Medicago arborea</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9954-9965.   | 2.4  | 47        |
| 17 | Anti-nutrient components and metabolites with health implications in seeds of 10 common bean ( <i>Phaseolus vulgaris</i> L. and <i>Phaseolus lunatus</i> L.) landraces cultivated in southern Italy. <i>Journal of Food Composition and Analysis</i> , 2012, 26, 72-80. | 1.9  | 45        |
| 18 | Saponins from <i>Medicago</i> spp.: Chemical Characterization and Biological Activity Against Insects. <i>Advances in Experimental Medicine and Biology</i> , 1996, 405, 97-109.  | 0.8  | 43        |

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|----|---|-----|-----------|
| 19 | Genetic reduction of antinutrients in common bean ( <i>Phaseolus vulgaris</i> L.) seed, increases nutrients and in vitro iron bioavailability without depressing main agronomic traits. <i>Field Crops Research</i> , 2013, 141, 27-37. | 2.3 | 43        |
| 20 | Triterpenoid Glycosides from <i>Medicago sativa</i> as Antifungal Agents against <i>Pyricularia oryzae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11030-11036.   | 2.4 | 42        |
| 21 | New Triterpenic Saponins from the Aerial Parts of <i>Medicago arabica</i> (L.) Huds. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2826-2835.   | 2.4 | 41        |
| 22 | Specificity of Host-Endophyte Association in Tall Fescue Populations from Sardinia, Italy. <i>Crop Science</i> , 2005, 45, 1456-1463.   | 0.8 | 40        |
| 23 | Triterpene Saponins from Aerial Parts of <i>Medicago arabica</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1095-1099.   | 2.4 | 38        |
| 24 | Influence of drying, storage and distillation times on essential oil yield and composition of anise hyssop [ <i>Agastache foeniculum</i> (Pursh.) Kuntze]. <i>Journal of Essential Oil Research</i> , 2014, 26, 177-184.                | 1.3 | 38        |
| 25 | Flavonoids from <i>Pinus sylvestris</i> needles and their variation in trees of different origin grown for nearly a century at the same area. <i>Biochemical Systematics and Ecology</i> , 2002, 30, 1011-1022.                         | 0.6 | 37        |
| 26 | Physiological and morphological traits associated with adaptation of lucerne ( <i>Medicago</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T<br>162, 27-40.  | 1.3 | 35        |
| 27 | Triterpenoid Glycosides from the Leaves of Two Cultivars of <i>Medicago polymorpha</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6142-6149.   | 2.4 | 34        |
| 28 | Aroma of Cooked Rice ( <i>Oryza sativa</i> ): Comparison Between Commercial Basmati and Italian Line B5-3. <i>Cereal Chemistry</i> , 1999, 76, 526-529.   | 1.1 | 33        |
| 29 | Triterpene Saponins from the Roots of <i>Medicago hybrida</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2520-2526.  | 2.4 | 33        |
| 30 | Chemical and Biological Activity of Triterpene Saponins from <i>Medicago</i> Species. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600101.   | 0.2 | 32        |
| 31 | Volatile compounds from leaves and flowers of <i>Bituminaria bituminosa</i> (L.) Stirt. (Fabaceae) from Italy. <i>Flavour and Fragrance Journal</i> , 2007, 22, 363-370.  | 1.2 | 32        |
| 32 | Molecular characterization of $\beta$ -amyryn synthase from <i>Aster sedifolius</i> L. and triterpenoid saponin analysis. <i>Plant Science</i> , 2008, 175, 255-261.  | 1.7 | 32        |
| 33 | Hydrocarbon and Fatty Acid Composition of Cheese As Affected by the Pasture Vegetation Type. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 299-308.   | 2.4 | 31        |
| 34 | Variation in forage quality and chemical composition among Italian accessions of <i>Bituminaria bituminosa</i> (L.) Stirt.. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 985-991.                                  | 1.7 | 30        |
| 35 | Chemical composition of capillene chemotype of <i>Artemisia dracunculus</i> L. from North-West Himalaya, India. <i>Industrial Crops and Products</i> , 2010, 31, 546-549.   | 2.5 | 30        |
| 36 | Variation in saponin content during the growing season of spotted medic [ <i>Medicago arabica</i> (L.) Huds.]. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2405-2410.   | 1.7 | 30        |

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|----|---|-----|-----------|
| 37 | Chemical Profile, Antioxidant and Antibacterial Activities of <i>Achillea moschata</i> Wulfen, an Endemic Species from the Alps. <i>Molecules</i> , 2016, 21, 830.  | 1.7 | 28        |
| 38 | In Vitro Anthelmintic Activity of Saponins from <i>Medicago</i> spp. Against Sheep Gastrointestinal Nematodes. <i>Molecules</i> , 2020, 25, 242.  | 1.7 | 28        |
| 39 | Acetylenes and terpenoids of <i>Bellis perennis</i> . <i>Phytochemistry</i> , 1995, 40, 141-147.  | 1.4 | 27        |
| 40 | Valorization of Vineyard By-Products to Obtain Composted Digestate and Biochar Suitable for Nursery Grapevine ( <i>Vitis vinifera</i> L.) Production. <i>Agronomy</i> , 2019, 9, 420.   | 1.3 | 27        |
| 41 | Cell death induction and nitric oxide biosynthesis in white poplar ( <i>Populus alba</i> ) suspension cultures exposed to alfalfa saponins. <i>Physiologia Plantarum</i> , 2011, 141, 227-238.  | 2.6 | 26        |
| 42 | Artefact formation during acid hydrolysis of saponins from <i>Medicago</i> spp.. <i>Phytochemistry</i> , 2017, 138, 116-127.  | 1.4 | 26        |
| 43 | Activity of Saponins from <i>Medicago</i> Species against Phytoparasitic Nematodes. <i>Plants</i> , 2020, 9, 443.   | 1.6 | 26        |
| 44 | Stability of Saponins in Alcoholic Solutions:Â Ester Formation as Artifacts. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1797-1800.   | 2.4 | 24        |
| 45 | Activity of Saponins from <i>Medicago</i> species Against HeLa and MCF-7 Cell Lines and their Capacity to Potentiate Cisplatin Effect. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1508-1518.  | 0.9 | 24        |
| 46 | Characterization and Antioxidant Activity of Essential Oil of Four Sympatric Orchid Species. <i>Molecules</i> , 2019, 24, 3878.   | 1.7 | 23        |
| 47 | Volatiles from <i>Medicago sativa</i> complex flowers. <i>Phytochemistry</i> , 1997, 45, 1145-1148.   | 1.4 | 22        |
| 48 | Nematicidal potential of materials from <i>Medicago</i> spp.. <i>European Journal of Plant Pathology</i> , 2009, 125, 39-49.  | 0.8 | 22        |
| 49 | Variation in the essential oil composition of <i>Angelica archangelica</i> from three different altitudes in Western Himalaya, India. <i>Industrial Crops and Products</i> , 2016, 94, 401-404.   | 2.5 | 22        |
| 50 | Chemical structure of long-chain esters from âœsansaâ€olive oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1994, 71, 365-369.   | 0.8 | 21        |
| 51 | Cultivar Differences and Seasonal Changes of Primary Metabolites and Flavor Constituents in Tall Fescue in Relation to Palatability. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 98-101.  | 2.4 | 21        |
| 52 | Sapogenin content variation in <i>Medicago</i> interspecific hybrid derivatives highlights some aspects of saponin synthesis and control. <i>New Phytologist</i> , 2015, 206, 303-314.  | 3.5 | 20        |
| 53 | Determination of the Volatile Fraction of <i>Polygonum bistorta</i> L. at Different Growing Stages and Evaluation of Its Antimicrobial Activity against Two Major Honeybee ( <i>Apis mellifera</i> ) Pathogens. <i>Chemistry and Biodiversity</i> , 2012, 9, 359-369. | 1.0 | 19        |
| 54 | Antimicrobial and phytochemical properties of stem bark extracts from <i>Piptadeniastrum africanum</i> (Hook f.) Brenan. <i>Industrial Crops and Products</i> , 2013, 43, 612-616.  | 2.5 | 19        |

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|----|---|-----|-----------|
| 55 | Phenolic Content and Antioxidant Activity in Trifolium Germplasm from Different Environments. <i>Molecules</i> , 2019, 24, 298.   | 1.7 | 19        |
| 56 | Microalgae from Biorefinery as Potential Protein Source for Siberian Sturgeon ( <i>A. baerii</i> ) Aquafeed. <i>Sustainability</i> , 2020, 12, 8779.  | 1.6 | 19        |
| 57 | CRISPR/Cas9-Mediated Targeted Mutagenesis of CYP93E2 Modulates the Triterpene Saponin Biosynthesis in <i>Medicago truncatula</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 690231.                              | 1.7 | 19        |
| 58 | Composition of essential oil of tall fescue. <i>Phytochemistry</i> , 1991, 30, 1455-1458.   | 1.4 | 18        |
| 59 | Essential oil composition of <i>Mentha x piperita</i> L. from different environments of north India. <i>Flavour and Fragrance Journal</i> , 1999, 14, 5-8.  | 1.2 | 18        |
| 60 | Coumarin-Containing Grass: Volatiles from Sweet Vernalgrass ( <i>Anthoxanthum odoratum</i> L.). <i>Journal of Essential Oil Research</i> , 2001, 13, 367-370.   | 1.3 | 17        |
| 61 | Screening of saponins and sapogenins from <i>Medicago</i> species as potential PPAR $\alpha$ agonists and X-ray structure of the complex PPAR $\alpha$ /caulophyllogenin. <i>Scientific Reports</i> , 2016, 6, 27658. | 1.6 | 17        |
| 62 | Phytochemical Characterization and In Vitro Antioxidant Properties of Four Brassica Wild Species from Italy. <i>Molecules</i> , 2020, 25, 3495.   | 1.7 | 17        |
| 63 | Plant Biostimulants in Sustainable Potato Production: an Overview. <i>Potato Research</i> , 2022, 65, 83-104.   | 1.2 | 17        |
| 64 | Synthesis of (2R)-(+)-2,3-Dihydro-2,6-dimethyl-4H-pyran-4-one, a Homologue of Pheromones of a Species in the Hepialidae Family. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 2001-2002.                   | 0.3 | 16        |
| 65 | Essential Oil Composition of Three <i>Cymbopogon</i> Species of Indian Thar Desert. <i>Journal of Essential Oil Research</i> , 1993, 5, 639-643.  | 1.3 | 16        |
| 66 | In Vitro Anthelmintic Activity of Saponins Derived from <i>Medicago</i> spp. Plants against Donkey Gastrointestinal Nematodes. <i>Veterinary Sciences</i> , 2019, 6, 35.  | 0.6 | 16        |
| 67 | From a Food Safety Prospective: The Role of Earthworms as Food and Feed in Assuring Food Security and in Valuing Food Waste. <i>Insects</i> , 2020, 11, 293.  | 1.0 | 16        |
| 68 | A trypsin inhibitor from snail medic seeds active against pest proteases. <i>Phytochemistry</i> , 1997, 44, 393-398.  | 1.4 | 15        |
| 69 | Essential oil composition of bark and leaves of <i>Cinammoum verum</i> Bertch. & Presl from Mizoram, North East India. <i>Journal of Essential Oil Research</i> , 2016, 28, 551-556.                                  | 1.3 | 15        |
| 70 | Combined Effects of Dewatering, Composting and Pelleting to Valorize and Delocalize Livestock Manure, Improving Agricultural Sustainability. <i>Agronomy</i> , 2020, 10, 661.   | 1.3 | 15        |
| 71 | Unraveling the response of plant cells to cytotoxic saponins. <i>Plant Signaling and Behavior</i> , 2011, 6, 516-519.   | 1.2 | 14        |
| 72 | Chemical Investigation of Saponins from Twelve Annual <i>Medicago</i> Species and their Bioassay with the Brine Shrimp <i>Artemia salina</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.      | 0.2 | 14        |

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|----|--|-----|-----------|
| 73 | Chemical Composition of the Volatile Oil from the Roots of <i>Selinum tenuifolium</i> Wall.. <i>Helvetica Chimica Acta</i> , 2012, 95, 780-787.  | 1.0 | 14        |
| 74 | Characterization of Two <i>Agrostis</i> – <i>Festuca</i> Alpine Pastures and Their Influence on Cheese Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 447-455.   | 2.4 | 14        |
| 75 | The major <i>Boswellia serrata</i> active 3-acetyl-11-keto- $\beta$ -boswellic acid strengthens interleukin-1 $\beta$ upregulation of matrix metalloproteinase-9 via JNK MAP kinase activation. <i>Phytochemistry</i> , 2017, 36, 176-182. | 2.3 | 14        |
| 76 | Composition of <i>Cymbopogon pendulus</i> (Nees ex Steud) Wats, an Elemicin-rich Oil Grass Grown in Jammu Region of India. <i>Journal of Essential Oil Research</i> , 1997, 9, 561-563.  | 1.3 | 13        |
| 77 | Rare fatty acids and lipids in plant oilseeds: occurrence and bioactivity. <i>Phytochemistry Reviews</i> , 2022, 21, 401-428.  | 3.1 | 13        |
| 78 | Chemical investigation of saponins from twelve annual <i>Medicago</i> species and their bioassay with the brine shrimp <i>Artemia salina</i> . <i>Natural Product Communications</i> , 2012, 7, 837-40.                                    | 0.2 | 13        |
| 79 | Effect of Flower Color and Sampling Time on Volatile Emanation in Alfalfa Flowers. <i>Crop Science</i> , 2000, 40, 126-130.  | 0.8 | 12        |
| 80 | Chemical Identification of Specialized Metabolites from <i>Sulla</i> ( <i>Hedysarum coronarium</i> L.) Collected in Southern Italy. <i>Molecules</i> , 2021, 26, 4606.   | 1.7 | 12        |
| 81 | Fruit and Vegetable Wholesale Market Waste: Safety and Nutritional Characterisation for Their Potential Re-Use in Livestock Nutrition. <i>Sustainability</i> , 2021, 13, 9478.   | 1.6 | 12        |
| 82 | A trypsin inhibitor cDNA from a novel source, snail medic ( <i>Medicago scutellata</i> L.): cloning and functional expression in response to wounding, herbivore, jasmonic and salicylic acid. <i>Plant Science</i> , 2004, 167, 337-346.  | 1.7 | 11        |
| 83 | Crystal structure of the anticarcinogenic Bowman's Birk inhibitor from snail medic ( <i>Medicago</i> ) Tj ETQq1 1 0.7843 1.4 rgBT / Overlock 10  | 1.3 | 11        |
| 84 | Essential oil composition of lady's mantle ( <i>Alchemilla xanthochlora</i> Rothm.) growing wild in Alpine pastures. <i>Natural Product Research</i> , 2009, 23, 1367-1372.  | 1.0 | 11        |
| 85 | Nutrients™ and Antinutrients™ Seed Content in Common Bean ( <i>Phaseolus vulgaris</i> L.) Lines Carrying Mutations Affecting Seed Composition. <i>Agronomy</i> , 2019, 9, 317.   | 1.3 | 11        |
| 86 | Cell wall integrity, genotoxic injury and PCD dynamics in alfalfa saponin-treated white poplar cells highlight a complex link between molecule structure and activity. <i>Phytochemistry</i> , 2015, 111, 114-123.                         | 1.4 | 10        |
| 87 | Essential Oil Composition of <i>Ageratum houstonianum</i> Mill. from Jammu Region of India. <i>Journal of Essential Oil Research</i> , 1996, 8, 129-134.   | 1.3 | 9         |
| 88 | A comparison between two systems of volatile sampling in flowers of alfalfa ( <i>Medicago sativa</i> L.). <i>Phytochemical Analysis</i> , 2000, 11, 148-152.   | 1.2 | 9         |
| 89 | Essential Oil Composition of <i>Hypericum perforatum</i> L. from Cultivated Source. <i>Journal of Essential Oil Research</i> , 2011, 23, 20-25.  | 1.3 | 9         |
| 90 | Isoflavone Content in Subterranean Clover Germplasm from Sardinia. <i>Chemistry and Biodiversity</i> , 2016, 13, 1038-1045.  | 1.0 | 9         |

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|-----|---|-----|-----------|
| 91  | Triterpenic saponins from <i>Medicago marina</i> L. <i>Phytochemistry</i> , 2020, 174, 112333.  | 1.4 | 9         |
| 92  | Clovamide and Flavonoids from Leaves of <i>Trifolium pratense</i> and <i>T. pratense</i> subsp. <i>nivale</i> Grown in Italy. <i>Natural Product Communications</i> , 2015, 10, 933-6.  | 0.2 | 9         |
| 93  | Volatile Constituents of <i>Centaurea paniculata</i> Subsp. <i>carueliana</i> and <i>C. rupestris</i> s.l. (Asteraceae) From Mt. Ferrato (Tuscany, Italy). <i>Journal of Essential Oil Research</i> , 2010, 22, 223-227.  | 1.3 | 8         |
| 94  | Volatile Constituents of <i>Trifolium pratense</i> spp. <i>nivale</i> Quantified at Different Growth Stages, and Evaluation of their Antimicrobial Activity. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.  | 0.2 | 8         |
| 95  | Clovamide and Flavonoids from Leaves of <i>Trifolium pratense</i> and <i>T. pratense</i> subsp. <i>nivale</i> Grown in Italy. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.  | 0.2 | 8         |
| 96  | Identification of the Volatile Components of <i>Galium verum</i> L. and <i>Cruciata leavipes</i> Opiz from the Western Italian Alps. <i>Molecules</i> , 2020, 25, 2333.   | 1.7 | 8         |
| 97  | White Poplar ( <i>Populus alba</i> L.) Suspension Cultures as a Model System to Study Apoptosis Induced by Alfalfa Saponins. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1324-1331.  | 0.9 | 8         |
| 98  | Biologically active compounds from forage plants. <i>Phytochemistry Reviews</i> , 2022, 21, 471-501.  | 3.1 | 8         |
| 99  | Essential Oil Composition of <i>Alchemilla alpina</i> L. em. Buser from Western Alpine Pastures. <i>Journal of Essential Oil Research</i> , 2008, 20, 542-545.  | 1.3 | 7         |
| 100 | Variation in Terpene and Linear-Chain Hydrocarbon Content in Yarrow ( <i>Achillea millefolium</i> L.) Germplasm from the Rhaetian Alps, Italy. <i>Chemistry and Biodiversity</i> , 2012, 9, 2282-2294.  | 1.0 | 7         |
| 101 | Chemical Characterization of the Volatiles of Leaves and Flowers from Cultivated <i>Malva sylvestris</i> var. <i>mauritanica</i> and their Antimicrobial Activity Against the Aetiological Agents of the European and American Foulbrood of Honeybees ( <i>Apis mellifera</i> ). <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101. | 0.2 | 7         |
| 102 | Spectrophotometer-aided evaluation of cyanogenic potential in white clover ( <i>Trifolium repens</i> L.), 2000, 11, 169-173.  |     | 6         |
| 103 | Characterization of the volatile fraction of <i>Nigritella nigra</i> (L.) Rchb. F. (Orchidaceae), a rare species from the Central Alps. <i>Journal of Essential Oil Research</i> , 2012, 24, 39-44.   | 1.3 | 6         |
| 104 | Essential oil composition from leaves of <i>Heracleum candicans</i> Wall.: a sustainable method for extraction. <i>Journal of Essential Oil Research</i> , 2014, 26, 130-132.   | 1.3 | 6         |
| 105 | Analysis of Cyanolipids from Sapindaceae Seed Oils by Gas Chromatography- <sup>63</sup> NMR Mass Spectrometry. <i>Lipids</i> , 2014, 49, 335-345.   | 0.7 | 6         |
| 106 | Variation in Herbage Biochemical Composition among Pitch Trefoil ( <i>Bituminaria bituminosa</i> ) Populations from Elba Island, Italy. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 195-203.  | 2.4 | 6         |
| 107 | Overexpression of MtTdp2 <sup>+</sup> (tyrosyl-DNA phosphodiesterase 2) gene confers salt tolerance in transgenic <i>Medicago truncatula</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 137, 157-172.  | 1.2 | 6         |
| 108 | Isomeric composition of the ester fraction from epicuticular waxes of <i>Festuca arundinacea</i> Schreb. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 43-48.  | 2.0 | 5         |

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|-----|---|-----|-----------|
| 109 | Volatile Constituents of <i>Trifolium Pratense</i> and <i>T. Repens</i> from N.E. Italian Alpine Pastures. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.                              | 0.2 | 5         |
| 110 | Essential Oil Composition of <i>Potentilla grandiflora</i> L. From Western Alpine Pastures. <i>Journal of Essential Oil Research</i> , 2009, 21, 549-552.   | 1.3 | 5         |
| 111 | Essential Oil Composition from Aerial Parts of <i>Mentha spicata</i> L.. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 353-356.  | 0.7 | 5         |
| 112 | Collection of mutants for functional genomics in the legume <i>Medicago truncatula</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 174-176.                             | 0.4 | 5         |
| 113 | Variability in the Essential Oil Composition of <i>Selinum vaginatum</i> C.B. Clarke. (Apiaceae) in North-West Himalaya, India. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 906-910. | 0.7 | 5         |
| 114 | Volatile Constituents of <i>Festuca nigrescens</i> , <i>Phleum alpinum</i> and <i>Poa alpina</i> from N.W. Italian Alpine Pastures. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.     | 0.2 | 4         |
| 115 | CONTROL OF ROOT-KNOT NEMATODES WITH BIOMASSES FROM ALFALFA ( <i>MEDICAGO SATIVA</i> L.) AND THEIR BIOACTIVE SAPONINS. <i>Acta Horticulturae</i> , 2011, , 225-228.  | 0.1 | 4         |
| 116 | Composition of Volatile Fraction from Inflorescences and Leaves of <i>Dendrobium moschatum</i> (Orchidaceae). <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.                          | 0.2 | 4         |
| 117 | In Vitro Assessment of the Antioxidant Properties of Aqueous Byproduct Extracts of <i>Vitis vinifera</i> . <i>Food Technology and Biotechnology</i> , 2019, 57, 29-38.                                    | 0.9 | 4         |
| 118 | Volatile constituents of <i>Festuca nigrescens</i> , <i>Phleum alpinum</i> and <i>Poa alpina</i> from N. W. Italian Alpine pastures. <i>Natural Product Communications</i> , 2011, 6, 101-5.              | 0.2 | 4         |
| 119 | Partial Composition of <i>Parthenium hysterophorus</i> Oil from the Jammu Region of India. <i>Journal of Essential Oil Research</i> , 1998, 10, 153-155.  | 1.3 | 3         |
| 120 | USE OF PELLETTED <i>MEDICAGO SATIVA</i> MEAL FOR THE CONTROL OF ROOT-KNOT AND CYST NEMATODES. <i>Acta Horticulturae</i> , 2010, , 303-308.  | 0.1 | 3         |
| 121 | Essential oil composition of <i>Morina longifolia</i> Wall. ex DC. from the Himalayan region. <i>Journal of Essential Oil Research</i> , 2012, 24, 461-463.   | 1.3 | 3         |
| 122 | Essential Oil Composition of Underground Parts of <i>Selinum candollii</i> DC. and their Possible Uses. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 864-867.                         | 0.7 | 3         |
| 123 | Variability in volatile composition of <i>Skimmia anquetilia</i> N.P. Taylor & Airyshaw. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1167-1171.                                      | 0.7 | 2         |
| 124 | Volatile Composition of Underground Parts of <i>Angelica glauca</i> Edgew. from Two Distant Populations of India. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 851-854.               | 0.7 | 2         |
| 125 | Volatile oil features of a naturalized population of parsley [ <i>Petroselinum crispum</i> (Mill) Nyman] suitable for breeding. <i>Journal of Essential Oil Research</i> , 2017, 29, 240-247.             | 1.3 | 2         |
| 126 | Oestrogenic Isoflavone Content in Natural Strains of Subterranean Clover ( <i>Trifolium subterraneum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5  | 0.2 | 1         |



| #   | ARTICLE   | IF  | CITATIONS |
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| 127 | Volatile Composition of Underground Parts of <i>Tanacetum longifolium</i> Wallich ex DC.. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 506-509.   | 0.7 | 1         |
| 128 | Characterization of the Essential oil of the Bat-Pollinated <i>Passiflora mucronata</i> . Natural Product Communications, 2018, 13, 1934578X1801301.  | 0.2 | 1         |
| 129 | Secondary metabolites in grasses: characterization and biological activity. Italian Journal of Agronomy, 2007, 2, 441.  | 0.4 | 0         |
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