

# Massimo Bramucci

## List of Publications by Year in descending order

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93  
papers

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93  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Diverse biological effects of the essential oil from Iranian <i>Trachyspermum ammi</i> . <i>Arabian Journal of Chemistry</i> , 2016, 9, 775-786.	4.9	91
2	New water-soluble polypyridine silver(i) derivatives of 1,3,5-triaza-7-phosphaadamantane (PTA) with significant antimicrobial and antiproliferative activities. <i>Dalton Transactions</i> , 2013, 42, 6572.	3.3	80
3	Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 11173-11183.	4.0	77
4	Antioxidant and antiproliferative activity of <i>Hypericum hircinum</i> L. subsp. <i>majus</i> (Aiton) N. Robson essential oil. <i>Natural Product Research</i> , 2013, 27, 862-868.	1.8	73
5	Dimeric antioxidant and cytotoxic triterpenoid saponins from <i>Terminalia ivorensis</i> A. Chev.. <i>Phytochemistry</i> , 2010, 71, 2108-2115.	2.9	61
6	Essential oil composition, polar compounds, glandular trichomes and biological activity of <i>Hyssopus officinalis</i> subsp. <i>aristatus</i> (Godr.) Nyman from central Italy. <i>Industrial Crops and Products</i> , 2015, 77, 353-363.	5.2	61
7	Phytochemical analysis and in vitro biological activity of three <i>Hypericum</i> species from the Canary Islands ( <i>Hypericum reflexum</i> , <i>Hypericum canariense</i> and <i>Hypericum grandifolium</i> ). <i>FÄ-toterapÄ-Äç</i> , 2015, 100, 95-109.	2.2	61
8	Rheediinosides A and B, two antiproliferative and antioxidant triterpene saponins from <i>Entada rheedii</i> . <i>Phytochemistry</i> , 2010, 71, 254-261.	2.9	59
9	Characterization of Secondary Metabolites, Biological Activity and Glandular Trichomes of <i>Stachys tymphaea</i> <i>Hausskn</i> from the Monti Sibillini National Park (Central) <a href="https://doi.org/10.7843/1414-1474.2019.11.01">Tj ETQq1 1 0.784314141474</a>	1.7	58
10	Carlina oxide from <i>Carlina acaulis</i> root essential oil acts as a potent mosquito larvicide. <i>Industrial Crops and Products</i> , 2019, 137, 356-366.	5.2	55
11	Phytochemical analysis, biological evaluation and micromorphological study of <i>Stachys alopecuros</i> (L.) Benth. subsp. <i>divulsa</i> (Ten.) Grande endemic to central Apennines, Italy. <i>FÄ-toterapÄ-Äç</i> , 2013, 90, 94-103.	2.2	53
12	Chemopreventive and Antioxidant Activity of the Chamazulene-Rich Essential Oil Obtained from <i>Artemisia arborescens</i> L. Growing on the Isle of La Maddalena, Sardinia, Italy. <i>Chemistry and Biodiversity</i> , 2013, 10, 1464-1474.	2.1	53
13	<i>Kundmannia sicula</i> (L.) DC: a rich source of germacrene D. <i>Journal of Essential Oil Research</i> , 2017, 29, 437-442.	2.7	53
14	Composition and biological activity of essential oil of <i>Achillea ligustica</i> All. (Asteraceae) naturalized in central Italy: Ideal candidate for anti-cariogenic formulations. <i>FÄ-toterapÄ-Äç</i> , 2009, 80, 313-319.	2.2	51
15	In vitro biological activity of essential oils and isolated furanosesquiterpenes from the neglected vegetable <i>Smyrniololus atrum</i> L. (Apiaceae). <i>Food Chemistry</i> , 2013, 138, 808-813.	8.2	48
16	Steroid saponins from the leaves of <i>Cordyline fruticosa</i> (L.) A. Chev. and their cytotoxic and antimicrobial activity. <i>Phytochemistry Letters</i> , 2014, 7, 62-68.	1.2	48
17	Cytotoxic and antioxidant triterpene saponins from <i>Butyrospermum parkii</i> (Sapotaceae). <i>Carbohydrate Research</i> , 2011, 346, 2699-2704.	2.3	47
18	Wild celery ( <i>Smyrniololus atrum</i> L.) oil and isofuranodiene induce apoptosis in human colon carcinoma cells. <i>FÄ-toterapÄ-Äç</i> , 2014, 97, 133-141.	2.2	45

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19	Effects of thymoquinone on isolated and cellular proteasomes. <i>FEBS Journal</i> , 2010, 277, 2128-2141.	4.7	41
20	Volatile oil from striped African pepper ( <i>Xylopia parviflora</i> , Annonaceae) possesses notable chemopreventive, anti-inflammatory and antimicrobial potential. <i>Food Chemistry</i> , 2014, 149, 183-189.	8.2	41
21	The protozoan toxin climacostol inhibits growth and induces apoptosis of human tumor cell lines. <i>Chemico-Biological Interactions</i> , 2008, 176, 151-164.	4.0	40
22	Plasmodium transmission blocking activities of <i>Vernonia amygdalina</i> extracts and isolated compounds. <i>Malaria Journal</i> , 2015, 14, 288.	2.3	40
23	Blue honeysuckle fruit ( <i>Lonicera caerulea</i> L.) from eastern Russia: phenolic composition, nutritional value and biological activities of its polar extracts. <i>Food and Function</i> , 2016, 7, 1892-1903.	4.6	40
24	Rosmarinus eriocalyx: An alternative to <i>Rosmarinus officinalis</i> as a source of antioxidant compounds. <i>Food Chemistry</i> , 2017, 218, 78-88.	8.2	40
25	Biochemical requirements of bioactive peptides for nutraceutical efficacy. <i>Journal of Functional Foods</i> , 2018, 47, 252-263.	3.4	40
26	Phytochemical investigations and antiproliferative secondary metabolites from <i>Thymus alternans</i> growing in Slovakia. <i>Pharmaceutical Biology</i> , 2017, 55, 1162-1170.	2.9	39
27	The volatile oils from the oleo-gum-resins of <i>Ferula assa-foetida</i> and <i>Ferula gummosa</i> : A comprehensive investigation of their insecticidal activity and eco-toxicological effects. <i>Food and Chemical Toxicology</i> , 2020, 140, 111312.	3.6	39
28	Polar Constituents and Biological Activity of the Berry-Like Fruits from <i>Hypericum androsaemum</i> L.. <i>Frontiers in Plant Science</i> , 2016, 7, 232.	3.6	38
29	Volatile components, polar constituents and biological activity of tansy daisy ( <i>Tanacetum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 35	3.2	35
30	<i>In vitro</i> Biological Activities of Seed Essential Oils from the Cameroonian Spices <i>Afrostryax lepidophyllus</i> and <i>Scorodophloeus zenkeri</i> Rich in Sulfur-Containing Compounds. <i>Chemistry and Biodiversity</i> , 2014, 11, 161-169.	2.1	32
31	Composition and biological activities of hogweed [ <i>Heracleum sphondylium</i> L. subsp. <i>ternatum</i> (Velen.) Brummitt] essential oil and its main components octyl acetate and octyl butyrate. <i>Natural Product Research</i> , 2014, 28, 1354-1363.	1.8	32
32	Cytotoxic Essential Oils from <i>Eryngium campestre</i> and <i>Eryngium amethystinum</i> (Apiaceae) Growing in Central Italy. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700096.	2.1	32
33	Novel 3-oxo- and 3,24-dinor-2,4-secooleanane-type Triterpenes from <i>Terminalia ivorensis</i> A. Chev. <i>Chemistry and Biodiversity</i> , 2011, 8, 1301-1309.	2.1	31
34	Phytochemical Analysis, Biological Activity, and Secretary Structures of <i>Stachys annua</i> (L.) L. subsp. <i>annua</i> (Lamiaceae) from Central Italy. <i>Chemistry and Biodiversity</i> , 2015, 12, 1172-1183.	2.1	31
35	Microemulsions enhance the shelf-life and processability of <i>Smyrniolus olusatrum</i> L. essential oil. <i>Flavour and Fragrance Journal</i> , 2017, 32, 159-164.	2.6	29
36	Chemical Composition and <i>in vitro</i> Biological Activities of the Essential Oil of <i>Vepris macrophylla</i> (Baker) Verd. Endemic to Madagascar. <i>Chemistry and Biodiversity</i> , 2013, 10, 356-366.	2.1	28

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37	Chemical composition and biological activity of the essential oil from <i>Helichrysum microphyllum</i> Cambess. ssp. <i>tyrrhenicum</i> Bacch., Brullo e Giusso growing in La Maddalena Archipelago, Sardinia.. <i>Journal of Oleo Science</i> , 2015, 64, 19-26.	1.4	28
38	Characterization and biological activity of essential oils from fruits of <i>Zanthoxylum xanthoxyloides</i> Lam. and <i>Z. leprieurii</i> Guill. & Perr., two culinary plants from Cameroon. <i>Flavour and Fragrance Journal</i> , 2012, 27, 171-179.	2.6	25
39	In vitro biological activities of the essential oil from the "resurrection plant" <i>Myrothamnus moschatus</i> (Baillon) Niedenzu endemic to Madagascar. <i>Natural Product Research</i> , 2012, 26, 2291-2300.	1.8	24
40	Chemical Offense by Means of Toxicysts in the Freshwater Ciliate, <i>Coleps hirtus</i> . <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 293-304.	1.7	24
41	Secondary Metabolites, Glandular Trichomes and Biological Activity of <i>Sideritis montana</i> L. subsp. <i>montana</i> from Central Italy. <i>Chemistry and Biodiversity</i> , 2016, 13, 1380-1390.	2.1	24
42	Mexican sunflower ( <i>Tithonia diversifolia</i> , Asteraceae) volatile oil as a selective inhibitor of <i>Staphylococcus aureus</i> nicotinate mononucleotide adenyltransferase (NadD). <i>Industrial Crops and Products</i> , 2016, 85, 181-189.	5.2	24
43	Bioactive Constituents of <i>Juniperus turbinata</i> Guss. from La Maddalena Archipelago. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800148.	2.1	24
44	Chemical Composition and Biological Activities of the Essential Oil of <i>Athanasia brownii</i> (Hochr.) (Asteraceae) Endemic to Madagascar. <i>Chemistry and Biodiversity</i> , 2013, 10, 1876-1886.	2.1	23
45	Biological Activities of the Essential Oil from <i>Erigeron floribundus</i> . <i>Molecules</i> , 2016, 21, 1065.	3.8	23
46	Chemical composition, antioxidant activity and cytotoxicity on tumour cells of the essential oil from flowers of <i>Magnolia grandiflora</i> cultivated in Iran. <i>Natural Product Research</i> , 2017, 31, 2857-2864.	1.8	22
47	Effects of paraquat and glyphosate on steroidogenesis in gonads of the frog <i>Rana esculenta</i> in vitro. <i>Pesticide Biochemistry and Physiology</i> , 2009, 93, 91-95.	3.6	21
48	DNA binding and oxidative DNA damage induced by climacostolâ" copper(II) complexes: Implications for anticancer properties. <i>Chemico-Biological Interactions</i> , 2013, 206, 109-116.	4.0	21
49	Hairy Garlic ( <i>Allium subhirsutum</i> ) from Sicily (Italy): LC-DAD-MSn Analysis of Secondary Metabolites and In Vitro Biological Properties. <i>Molecules</i> , 2020, 25, 2837.	3.8	21
50	Composition and biological activities of the essential oil from a Sicilian accession of <i>Prangos ferulacea</i> (L.) Lindl. <i>Natural Product Research</i> , 2021, 35, 733-743.	1.8	21
51	Synthesis, properties, and antitumor effects of a new mixed phosphine gold(I) compound in human colon cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2013, 124, 78-87.	3.5	20
52	Spilanthol-rich essential oil obtained by microwave-assisted extraction from <i>Acmella oleracea</i> (L.) R.K. Jansen and its nanoemulsion: Insecticidal, cytotoxic and anti-inflammatory activities. <i>Industrial Crops and Products</i> , 2021, 172, 114027.	5.2	20
53	Antioxidant, Antiproliferative and Antimicrobial Activities of the Volatile Oil from the Wild Pepper <i>Piper capense</i> Used in Cameroon as a Culinary Spice. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.5	19
54	Essential oil composition and biological activity from <i>Artemisia caerulescens</i> subsp. <i>densiflora</i> (Viv.) Gamisans ex Kerguelen & Lambinon (Asteraceae), an endemic species in the habitat of La Maddalena Archipelago. <i>Natural Product Research</i> , 2016, 30, 1802-1809.	1.8	19

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55	Properties and stability of nanoemulsions: How relevant is the type of surfactant?. Journal of Drug Delivery Science and Technology, 2020, 58, 101772.	3.0	19
56	DNA and BSA binding, anticancer and antimicrobial properties of Co( <i>Co</i> ), Co( <i>Co</i> )/( <i>Co</i> ), Cu( <i>Cu</i> ) and Ag( <i>Ag</i> ) complexes of arylhydrazones of barbituric acid. RSC Advances, 2016, 6, 4237-4249.	3.6	18
57	Chemical composition and biological activities of the essential oil from <i>Pulicaria undulata</i> (L.) C. A. Mey. growing wild in Egypt. Natural Product Research, 2020, 34, 2358-2362.	1.8	18
58	Phenolic acids, antioxidant and antiproliferative activities of Naviglio® extracts from <i>Schizogyne sericea</i> (Asteraceae). Natural Product Research, 2017, 31, 515-522.	1.8	17
59	In vitro and ex vivo activity of an <i>Azadirachta indica</i> A.Juss. seed kernel extract on early sporogonic development of <i>Plasmodium</i> in comparison with azadirachtin A, its most abundant constituent. Phytomedicine, 2016, 23, 1743-1752.	5.3	16
60	Essential Oil of <i>Thymus munbyanus</i> subsp. <i>coloratus</i> from Algeria: Chemotypification and <i>in vitro</i> Biological Activities. Chemistry and Biodiversity, 2017, 14, e1600299.	2.1	16
61	The Nonvolatile and Volatile Metabolites of <i>Prangos ferulacea</i> and Their Biological Properties. Planta Medica, 2019, 85, 815-824.	1.3	16
62	Exploring new applications of tulip tree ( <i>Liriodendron tulipifera</i> L.): leaf essential oil as apoptotic agent for human glioblastoma. Environmental Science and Pollution Research, 2019, 26, 30485-30497.	5.3	15
63	Phosphorylation of synthetic acidic peptides by casein kinase II: evidence for competition with phosphorylation of proteins involved in transcription. Molecular and Cellular Biochemistry, 1993, 125, 65-72.	3.1	14
64	Epidermal inhibitory pentapeptide phosphorylated <i>in vitro</i> by calf thymus protein kinase <i>II</i> is protected from serum enzyme hydrolysis. Biochemical and Biophysical Research Communications, 1992, 183, 474-480.	2.1	13
65	Building better strategies to develop new medications in Alcohol Use Disorder: Learning from past success and failure to shape a brighter future. Neuroscience and Biobehavioral Reviews, 2019, 103, 384-398.	6.1	13
66	Secondary metabolites, secretory structures and biological activity of water celery ( <i>Apium</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	1.6	12
67	Steroidal saponins from the aerial parts of <i>Cordyline fruticosa</i> L. var. <i>strawberries</i> . <i>FÄ-toterapÄ-Äç</i> , 2019, 134, 454-458.	2.2	12
68	Human Topoisomerase I is Phosphorylated <i>in vitro</i> on its Amino Terminal Domain by Protein Kinase <i>III</i> . Biological Chemistry Hoppe-Seyler, 1994, 375, 255-260.	1.4	11
69	Antioxidant activity and cytotoxicity on tumour cells of the essential oil from <i>Cedronella canariensis</i> var. <i>canariensis</i> (L.) Webb & Berthel. (Lamiaceae). Natural Product Research, 2015, 29, 1641-1649.	1.8	11
70	Nanostructured liquid crystalline particles as delivery vectors for isofuranodiene: Characterization and <i>in-vitro</i> anticancer activity. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111050.	5.0	11
71	Stabilization of the cyclodecadiene derivative isofuranodiene by silver (I) coordination. Mechanistic and biological aspects. <i>FÄ-toterapÄ-Äç</i> , 2017, 117, 52-60.	2.2	10
72	Seasonal changes in angiotensin converting enzyme activity in male and female frogs ( <i>Rana esculenta</i> ). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 137, 605-610.	1.8	9

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73	Comparison of ACE activity in amphibian tissues: <i>Rana esculenta</i> and <i>Xenopus laevis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 146, 119-123.	1.8	8
74	Bafouoside C, a new triterpenoid saponin from the roots of <i>Cussonia bancoensis</i> Aubrev. & Pellegr.. <i>Phytochemistry Letters</i> , 2014, 10, 255-259.	1.2	8
75	Bioactive Secondary Metabolites from <i>Schizogyne sericea</i> (Asteraceae) Endemic to Canary Islands. <i>Chemistry and Biodiversity</i> , 2016, 13, 826-836.	2.1	8
76	Chemical Composition and Antiproliferative Effect of Essential Oils of Four <i>Solidago</i> Species (S.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 e2000685.	2.1	7
77	Small acidic peptides are bound to <i>E. coli</i> DNA. <i>Molecular Biology Reports</i> , 1991, 15, 9-18.	2.3	6
78	Degradation of thymic humoral factor $\beta$ 2 by human plasma: involvement of angiotensin converting enzyme. <i>Regulatory Peptides</i> , 2003, 111, 199-205.	1.9	6
79	Antioxidant and Pro-Oxidant Activities of Savoy Cabbage ( <i>Brassica Oleracea</i> L. Var.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.9	6
80	Determination of estrogenic activity in the river Chienti (Marche Region, Italy) by using in vivo and in vitro bioassays. <i>Journal of Environmental Sciences</i> , 2016, 43, 48-53.	6.1	6
81	A vibrational in vitro approach to evaluate the potential of monoolein nanoparticles as isofuranodiene carrier in MDA-MB 231 breast cancer cell line: New insights from Infrared and Raman microspectroscopies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120735.	3.9	6
82	In vitro phosphorylation of proteins tightly bound to DNA by protein kinase NII. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1993, 25, 1035-1039.	0.5	5
83	Partial amino acid sequence of rat topoisomerase I: Comparison with the predicted sequences for the human and yeast enzymes. <i>Biochemical and Biophysical Research Communications</i> , 1988, 154, 358-364.	2.1	4
84	A Straightforward Diastereoselective Synthesis and Evaluation of Climacostol, A Natural Product with Anticancer Activities. <i>Synthesis</i> , 2010, 2010, 1550-1556.	2.3	4
85	Identification of consensus epitope structures expressed in recombinant DNA libraries. <i>Molecular Immunology</i> , 1989, 26, 741-748.	2.2	3
86	Purification and characterisation of swine serum proteinase which hydrolyses epidermal inhibitory pentapeptide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1996, 1290, 184-190.	2.4	3
87	Purification of swine serum angiotensin converting enzyme with high recovery of activity using lisinopril coupled to epoxy-activated sepharose 6B. <i>IUBMB Life</i> , 1998, 44, 887-895.	3.4	3
88	Presence and comparison of angiotensin converting enzyme in commercial cell culture sera. <i>IUBMB Life</i> , 1999, 47, 107-115.	3.4	2
89	Effects of climacostol on normal and tumoral mammalian cell lines. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 38S-43S.	1.7	2
90	AcGlyâ€Pheâ€Asn(OH) and AcGlyâ€Pheâ€Asn(NH2) tripeptides selectively affect the proliferation rate of MDA-MB 231 and HuDe cells. <i>Molecular Biology Reports</i> , 2020, 47, 4009-4014.	2.3	1

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91	Synthetic seminal plasma peptide inhibits testosterone production in frog testis in vitro. <i>Reproduction, Fertility and Development</i> , 2007, 19, 398.	0.4	0
92	Comparison of angiotensin converting enzyme-like activity in the Antarctic teleosts <i>Trematomus bernacchii</i> and <i>Chionodraco hamatus</i> . <i>Polar Biology</i> , 2009, 32, 673-677.	1.2	0
93	Stability of Oligopeptides in Solution. Proteolytic Digestion and Potential Dimerization Process. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	1.9	0