Alberto Minassi

List of Publications by Year
in descending order

107 papers	5,401 citations	81900 39 h-index	85541 71 g-index
113 all docs	113 docs citations	113 times ranked	7614 citing authors

#	Article	IF	Citations
1	Pyrazole-Curcumin Suppresses Cardiomyocyte Hypertrophy by Disrupting the CDK9/CyclinT1 Complex. Pharmaceutics, 2022, 14, 1269.	4.5	3
2	Betulinic acid hydroxamate prevents colonic inflammation and fibrosis in murine models of inflammatory bowel disease. Acta Pharmacologica Sinica, 2021, 42, 1124-1138.	6.1	21
3	The SNAP-tag technology revised: an effective chemo-enzymatic approach by using a universal azide-based substrate. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 85-97.	5.2	6
4	Biomimetic Approaches to the Synthesis of Natural Disesquiterpenoids: An Update. Plants, 2021, 10, 677.	3.5	8
5	Icilio Guareschi and his amazing â€œ1897 reactionâ€• Beilstein Journal of Organic Chemistry, 2021, 17, 1335-1351.	2.2	1
6	The Combined Effect of Branching and Elongation on the Bioactivity Profile of Phytocannabinoids. Part I: Thermo-TRPs. Biomedicines, 2021, 9, 1070.	3.2	3
7	Betulinic Acid Hydroxamate is Neuroprotective and Induces Protein Phosphatase 2A-Dependent HIF-1Î± Stabilization and Post-transcriptional Dephosphorylation of Prolyl Hydrolase 2. Neurotherapeutics, 2021, 18, 1849-1861.	4.4	9
8	Exploring the Universe of Natural Products: Recent Advances in Synthesis, Isolation and Structural Elucidation. Plants, 2021, 10, 2368.	3.5	1
9	Thiol-trapping natural products under the lens of the cysteamine assay: friends, foes, or simply alternatively reversible ligands?. Phytochemistry Reviews, 2020, 19, 1307-1321.	6.5	7
10	Discovery of a Remarkable Methyl Shift Effect in the Vanilloid Activity of Triterpene Amides. Journal of Natural Products, 2020, 83, 3476-3481.	3.0	2
11	Moringin, A Stable Isothiocyanate from Moringa oleifera, Activates the Somatosensory and Pain Receptor TRPA1 Channel In Vitro. Molecules, 2020, 25, 976.	3.8	26
12	Crystal structure of Haemophilus influenzae 3-isopropylmalate dehydrogenase (LeuB) in complex with the inhibitor O-isobutenyl oxalylhydroxamate. Biochemical and Biophysical Research Communications, 2020, 524, 996-1002.	2.1	2
13	One-Pot Total Synthesis of Cannabinol via Iodine-Mediated Deconstructive Annulation. Organic Letters, 2019, 21, 6122-6125.	4.6	25
14	The dimerization of Î”9-tetrahydrocannabinolic acid A (THCA-A). Acta Pharmaceutica Sinica B, 2019, 9, 1078-1083.	12.0	3
15	Palmitoylethanolamide counteracts substance P-induced mast cell activation in vitro by stimulating diacylglycerol lipase activity. Journal of Neuroinflammation, 2019, 16, 274.	7.2	39
16	Identification of a Strigoterpenoid with Dual Nrf2 and Nf-Î²B Modulatory Activity. ACS Medicinal Chemistry Letters, 2019, 10, 606-610.	2.8	4
17	Iodine-Promoted Aromatization of p-Menthane-Type Phytocannabinoids. Journal of Natural Products, 2018, 81, 630-633.	3.0	16
18	Cannabichromene. Natural Product Communications, 2018, 13, 1934578X1801300.	0.5	21

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19	Chemoproteomic fishing identifies arzanol as a positive modulator of brain glycogen phosphorylase. Chemical Communications, 2018, 54, 12863-12866.	4.1	19
20	Triterpenoid Hydroxamates as HIF Prolyl Hydrolase Inhibitors. Journal of Natural Products, 2018, 81, 2235-2243.	3.0	10
21	Elongation of the Hydrophobic Chain as a Molecular Switch: Discovery of Capsaicin Derivatives and Endogenous Lipids as Potent Transient Receptor Potential Vanilloid Channel 2 Antagonists. Journal of Medicinal Chemistry, 2018, 61, 8255-8281.	6.4	11
22	Iodine-mediated cyclization of cannabigerol (CBG) expands the cannabinoid biological and chemical space. Bioorganic and Medicinal Chemistry, 2018, 26, 4532-4536.	3.0	11
23	TRPA1 Modulating C14 Polyacetylenes from the Iranian Endemic Plant Echinophora platyloba. Molecules, 2018, 23, 1750.	3.8	6
24	Cannabis Phenolics and their Bioactivities. Current Medicinal Chemistry, 2018, 25, 1160-1185.	2.4	117
25	Carbonyl Activation in Electrophilic Polyene Cyclizations: A Toolbox for the Design of Isoprenoid Libraries. Angewandte Chemie, 2017, 129, 8043-8046.	2.0	3
26	Carbonyl Activation in Electrophilic Polyene Cyclizations: A Toolbox for the Design of Isoprenoid Libraries. Angewandte Chemie - International Edition, 2017, 56, 7935-7938.	13.8	17
27	Extracts and compounds active on TRP ion channels from Waldheimia glabra , a ritual medicinal plant from Himalaya. Phytomedicine, 2017, 32, 80-87.	5.3	4
28	Effects of curcumin and curcumin analogues on TRP channels. FÃ¬toterapÃ¬Ã¢, 2017, 122, 126-131.	2.2	31
29	Electrophilic Triterpenoid Enones: A Comparative Thiol-Trapping and Bioactivity Study. Journal of Natural Products, 2017, 80, 2276-2283.	3.0	9
30	The reaction of cinnamaldehyde and cinnam(o)yl derivatives with thiols. Acta Pharmaceutica Sinica B, 2017, 7, 523-526.	12.0	19
31	Celecoxib inhibits proliferation and survival of chronic myelogeous leukemia (CML) cells via AMPK-dependent regulation of Î²-catenin and mTORC1/2. Oncotarget, 2016, 7, 81555-81570.	1.8	16
32	Bioactive Phloroglucinyl Heterodimers: The Tautomeric and Rotameric Equlibria of Arzanol. European Journal of Organic Chemistry, 2016, 2016, 4810-4816.	2.4	0
33	Assay of TRPV1 Receptor Signaling. Methods in Molecular Biology, 2016, 1412, 65-76.	0.9	18
34	Neuroactive and Anti-inflammatory Frankincense Cembranes: A Structureâ€“Activity Study. Journal of Natural Products, 2016, 79, 1762-1768.	3.0	30
35	Synthesis of colchifulvin, a colchicineâ€“griseofulvin hybrid. Tetrahedron Letters, 2016, 57, 1540-1543.	1.4	3
36	Triazole-curcuminoids: A new class of derivatives for â€˜tuningâ€™ curcumin bioactivities?. Bioorganic and Medicinal Chemistry, 2016, 24, 140-152.	3.0	22

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37	TRPA1 channels as targets for resveratrol and related stilbenoids. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 899-902.	2.2	14
38	Discovery of non-electrophilic capsaicinoid-type TRPA1 ligands. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1009-1011.	2.2	14
39	The Thiaâ€Michael Reactivity of Zerumbone and Related Crossâ€Conjugated Dienones: Disentangling Stoichiometry, Regiochemistry, and Addition Mode with an NMRâ€Spectroscopyâ€Based Cysteamine Assay. European Journal of Organic Chemistry, 2015, 2015, 3721-3726.	2.4	19
40	Recreational drug discovery: natural products as lead structures for the synthesis of smart drugs. Natural Product Reports, 2014, 31, 880.	10.3	55
41	Effect of chirality and lipophilicity in the functional activity of evodiamine and its analogues at <scp>TRPV1</scp> channels. British Journal of Pharmacology, 2014, 171, 2608-2620.	5.4	19
42	Effect of acyclic monoterpene alcohols and their derivatives on TRP channels. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5507-5511.	2.2	19
43	Functionalization of Î²-Caryophyllene Generates Novel Polypharmacology in the Endocannabinoid System. ACS Chemical Biology, 2014, 9, 1499-1507.	3.4	62
44	SAR Studies on Curcuminâ€™s Pro-inflammatory Targets: Discovery of Prenylated Pyrazolocurcuminoids as Potent and Selective Novel Inhibitors of 5-Lipoxygenase. Journal of Medicinal Chemistry, 2014, 57, 5638-5648.	6.4	53
45	Prenylation preserves antioxidant properties and effect on cell viability of the natural dietary phenol curcumin. Food Research International, 2014, 57, 225-233.	6.2	14
46	Amines Bearing Tertiary Substituents by Tandem Enantioselective Carbolithiationâ€“Rearrangement of Vinylureas. Organic Letters, 2013, 15, 34-37.	4.6	42
47	Antimicrobial Phenolics and Unusual Glycerides from Helichrysum italicum subsp. microphyllum. Journal of Natural Products, 2013, 76, 346-353.	3.0	49
48	Synthesis and tubulin-binding properties of non-symmetrical click C5-curcuminoids. Bioorganic and Medicinal Chemistry, 2013, 21, 5510-5517.	3.0	14
49	Dissecting the Pharmacophore of Curcumin. Which Structural Element Is Critical for Which Action?. Journal of Natural Products, 2013, 76, 1105-1112.	3.0	46
50	2-Amino-4-arylthiazole compounds as TRPA1 antagonists (WO 2012085662): a patent evaluation. Expert Opinion on Therapeutic Patents, 2013, 23, 119-147.	5.0	7
51	Carbolithiation of N-alkenyl ureas and N-alkenyl carbamates. Beilstein Journal of Organic Chemistry, 2013, 9, 628-632.	2.2	6
52	Ischemic Neuroprotection by TRPV1 Receptor-Induced Hypothermia. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 978-982.	4.3	51
53	Targeting oncogenic serine/threonine-protein kinase BRAF in cancer cells inhibits angiogenesis and abrogates hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E353-9.	7.1	51
54	Leucettamols, Bifunctionalized Marine Sphingoids, Act as Modulators of TRPA1 and TRPM8 Channels. Marine Drugs, 2012, 10, 2435-2447.	4.6	19

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55	Sesquiterpenoids from Common Ragweed (Ambrosia artemisiifolia L.), an Invasive Biological Polluter. European Journal of Organic Chemistry, 2012, 2012, 5162-5170.	2.4	24
56	A Multicomponent Carbaâ€Betti Strategy to Alkylidene Heterodimers â€“ Total Synthesis and Structureâ€“Activity Relationships of Arzanol. European Journal of Organic Chemistry, 2012, 2012, 772-779.	2.4	27
57	Geometry-Selective Synthesis of E or Z N-Vinyl Ureas (N-Carbamoyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.6	25
58	Effects of cannabinoids and cannabinoidâ€enriched Cannabis extracts on TRP channels and endocannabinoid metabolic enzymes. British Journal of Pharmacology, 2011, 163, 1479-1494.	5.4	700
59	Umbellulone modulates TRP channels. Pflugers Archiv European Journal of Physiology, 2011, 462, 861-870.	2.8	40
60	Pietro Biginelli: The Man Behind the Reaction. European Journal of Organic Chemistry, 2011, 2011, 5541-5550.	2.4	62
61	An NMR Spectroscopic Method to Identify and Classify Thiolâ€Trapping Agents: Revival of Michael Acceptors for Drug Discovery?. Angewandte Chemie - International Edition, 2011, 50, 467-471.	13.8	143
62	Structureâ€“activity relationships of the ultrapotent vanilloid resiniferatoxin (RTX): The side chain benzylic methylene. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 97-99.	2.2	10
63	Tandem Î²-Alkylationâ^'Î±-Arylation of Amines by Carbolithiation and Rearrangement of N-Carbamoyl Enamines (Vinyl Ureas). Journal of the American Chemical Society, 2010, 132, 6624-6625.	13.7	63
64	Flavonoid-induced autophagy in hormone sensitive breast cancer cells. FÃ¬toterapÃ¬Ã¢, 2009, 80, 327-332.	2.2	15
65	Protective effect and relation structure-activity of nonivamide and iododerivatives in several models of lipid oxidation. Chemico-Biological Interactions, 2009, 180, 183-192.	4.0	13
66	Anti-inflammatory and vascularprotective properties of 8-prenylapigenin. European Journal of Pharmacology, 2009, 620, 120-130.	3.5	48
67	Clovamide and rosmarinic acid induce neuroprotective effects in in vitro models of neuronal death. British Journal of Pharmacology, 2009, 157, 1072-1084.	5.4	115
68	A multicomponent synthesis of gem-(Î²-dicarbonyl)arylmethanes. Tetrahedron Letters, 2009, 50, 5559-5561.	1.4	25
69	Conformationally Constrained Fatty Acid Ethanolamides as Cannabinoid and Vanilloid Receptor Probes. Journal of Medicinal Chemistry, 2009, 52, 3001-3009.	6.4	17
70	Modulation of the Transient Receptor Potential Vanilloid Channel TRPV4 by 4Î±-Phorbol Esters: A Structureâ^'Activity Study. Journal of Medicinal Chemistry, 2009, 52, 2933-2939.	6.4	66
71	The biosynthesis of N-arachidonoyl dopamine (NADA), a putative endocannabinoid and endovanilloid, via conjugation of arachidonic acid with dopamine. Prostaglandins Leukotrienes and Essential Fatty Acids, 2009, 81, 291-301.	2.2	66
72	Carbamoyl tetrazoles as inhibitors of endocannabinoid inactivation: A critical revisitation. European Journal of Medicinal Chemistry, 2008, 43, 62-72.	5.5	59

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73	Roasting impact on the contents of clovamide (N-caffeoyl-L-DOPA) and the antioxidant activity of cocoa beans (Theobroma cacao L.). Food Chemistry, 2008, 106, 967-975.	8.2	99
74	Differential effects of phorbol-13-monoesters on human immunodeficiency virus reactivation. Biochemical Pharmacology, 2008, 75, 1370-1380.	4.4	71
75	In vivo estrogenic comparisons of Trifolium pratense (red clover) Humulus lupulus (hops), and the pure compounds isoxanthohumol and 8-prenylnaringenin. Chemico-Biological Interactions, 2008, 176, 30-39.	4.0	78
76	A Regiodivergent Synthesis of Ring A C-Prenylflavones. Organic Letters, 2008, 10, 2267-2270.	4.6	33
77	The Role of Natural Products in the Ligand Deorphanization of TRP Channels. Current Pharmaceutical Design, 2008, 14, 2-17.	1.9	46
78	Oxyhomologation of the Amide Bond Potentiates Neuroprotective Effects of the Endolipid N-Palmitoylethanolamine. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 599-606.	2.5	23
79	8-Prenylnaringenin, inhibits estrogen receptor-Î± mediated cell growth and induces apoptosis in MCF-7 breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2007, 107, 140-148.	2.5	39
80	The 1,2,3â€Ÿriazole Ring as a Peptidoâ€•and Olefinomimetic Element: Discovery of Click Vanilloids and Cannabinoids. Angewandte Chemie - International Edition, 2007, 46, 9312-9315.	13.8	61
81	Structureâ€“activity relationships of the ultrapotent vanilloid resiniferatoxin (RTX): The homovanillyl moiety. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 132-135.	2.2	12
82	Regulation of transient receptor potential channels of melastatin type 8 (TRPM8): Effect of cAMP, cannabinoid CB1 receptors and endovanilloids. Experimental Cell Research, 2007, 313, 1911-1920.	2.6	140
83	Oxyhomologues of Anandamide and Related Endolipids:Â Chemoselective Synthesis and Biological Activity. Journal of Medicinal Chemistry, 2006, 49, 2333-2338.	6.4	20
84	First â€œhybridâ€•ligands of vanilloid TRPV1 and cannabinoid CB2receptors and non-polyunsaturated fatty acid-derived CB2-selective ligands. FEBS Letters, 2006, 580, 568-574.	2.8	26
85	Development of the first potent and specific inhibitors of endocannabinoid biosynthesis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 205-212.	2.4	118
86	Protective activation of the endocannabinoid system during ischemia in dopamine neurons. Neurobiology of Disease, 2006, 24, 15-27.	4.4	89
87	Iodinated N-Acylvanillamines: Potential â€œMultiple-Targetâ€•Anti-Inflammatory Agents Acting via the Inhibition of T-Cell Activation and Antagonism at Vanilloid TRPV1 Channels. Molecular Pharmacology, 2006, 69, 1373-1382.	2.3	18
88	Cerium(III) chloride-promoted chemoselective esterification of phenolic alcohols. Tetrahedron Letters, 2005, 46, 2193-2196.	1.4	51
89	An expeditious hydroxyamidation of carboxylic acids. Tetrahedron Letters, 2005, 46, 5113-5115.	1.4	29
90	Cerium(III) Chloride Promoted Chemoselective Esterification of Phenolic Alcohols.. ChemInform, 2005, 36, no.	0.0	0

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91	An Expeditious Hydroxyamidation of Carboxylic Acids.. ChemInform, 2005, 36, no.	0.0	0
92	Hot Cuisine as a Source of Anti-Inflammatory Drugs. Phytochemistry Reviews, 2005, 4, 3-10.	6.5	5
93	Development of the First Ultra-Potent â€œCapsaicinoidâ€•Agonist at Transient Receptor Potential Vanilloid Type 1 (TRPV1) Channels and Its Therapeutic Potential. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 561-570.	2.5	68
94	The Taming of Capsaicin. Reversal of the Vanilloid Activity ofN-Acylvanillamines by Aromatic Iodination. Journal of Medicinal Chemistry, 2005, 48, 4663-4669.	6.4	60
95	Synthesis and Biological Evaluation of Phorbol-Resiniferatoxin (RTX) Hybrids. European Journal of Organic Chemistry, 2004, 2004, 3413-3421.	2.4	10
96	A structureâ€“activity relationship study on N-arachidonoyl-amino acids as possible endogenous inhibitors of fatty acid amide hydrolase. Biochemical and Biophysical Research Communications, 2004, 314, 192-196.	2.1	63
97	Non-pungent capsaicinoids from sweet pepper. European Journal of Nutrition, 2003, 42, 2-9.	3.9	77
98	Halogenation of a capsaicin analogue leads to novel vanilloid TRPV1 receptor antagonists. British Journal of Pharmacology, 2003, 139, 1417-1424.	5.4	63
99	Homologues and isomers of noladin ether, a putative novel endocannabinoid: interaction with rat cannabinoid CB1 receptors. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 43-46.	2.2	11
100	Involvement of Reactive Oxygen Species in Capsaicinoid-induced Apoptosis in Transformed Cells. Free Radical Research, 2003, 37, 611-619.	3.3	46
101	Cloning of the first sn1-DAG lipases points to the spatial and temporal regulation of endocannabinoid signaling in the brain. Journal of Cell Biology, 2003, 163, 463-468.	5.2	923
102	N-Acylvanillamides:â€‰ Development of an Expeditious Synthesis and Discovery of New Acyl Templates for Powerful Activation of the Vanilloid Receptor. Journal of Medicinal Chemistry, 2002, 45, 3739-3745.	6.4	57
103	Noladin ether, a putative novel endocannabinoid: inactivation mechanisms and a sensitive method for its quantification in rat tissues. FEBS Letters, 2002, 513, 294-298.	2.8	104
104	Chemoselective Esterification of Phenolic Acids and Alcohols. Organic Letters, 2002, 4, 3839-3841.	4.6	91
105	Immunosuppressive activity of capsaicinoids: capsiate derived from sweet peppers inhibits NF-Î²B activation and is a potent antiinflammatory compound in vivo. European Journal of Immunology, 2002, 32, 1753.	2.9	129
106	Synthesis and Evaluation of 14-Nor-A-secotaxoids. European Journal of Organic Chemistry, 2002, 2002, 277-283.	2.4	7
107	Oligomeric Acylphloroglucinols from Myrtle (Myrtus communis). Journal of Natural Products, 2002, 65, 334-338.	3.0	92