

Giovanni Appendino

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ext. papers

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ext. citations

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avg, IF

6.35
L-index

#	Paper	IF	Citations
369	The molecular receptive ranges of human TAS2R bitter taste receptors. <i>Chemical Senses</i> , 2010 , 35, 157-70	10.8	720
368	The vinylogous aldol reaction: a valuable, yet understated carbon-carbon bond-forming maneuver. <i>Chemical Reviews</i> , 2000 , 100, 1929-72	68.1	501
367	Antibacterial cannabinoids from <i>Cannabis sativa</i> : a structure-activity study. <i>Journal of Natural Products</i> , 2008 , 71, 1427-30	4.9	360
366	Phytocannabinoids: a unified critical inventory. <i>Natural Product Reports</i> , 2016 , 33, 1357-1392	15.1	359
365	Pharmacology of vanilloid transient receptor potential cation channels. <i>Molecular Pharmacology</i> , 2009 , 75, 1262-79	4.3	322
364	N-oleoyldopamine, a novel endogenous capsaicin-like lipid that produces hyperalgesia. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13633-9	5.4	266
363	The transient receptor potential channel TRPA1: from gene to pathophysiology. <i>Pflügers Archiv European Journal of Physiology</i> , 2012 , 464, 425-58	4.6	252
362	Comparative absorption of a standardized curcuminoid mixture and its lecithin formulation. <i>Journal of Natural Products</i> , 2011 , 74, 664-9	4.9	243
361	Plant volatiles: production, function and pharmacology. <i>Natural Product Reports</i> , 2011 , 28, 1359-80	15.1	204
360	Best practice in research - Overcoming common challenges in phytopharmacological research. <i>Journal of Ethnopharmacology</i> , 2020 , 246, 112230	5	189
359	Broad tuning of the human bitter taste receptor hTAS2R46 to various sesquiterpene lactones, clerodane and labdane diterpenoids, strychnine, and denatonium. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 6236-43	5.7	147
358	Euphorbium: modern research on its active principle, resiniferatoxin, revives an ancient medicine. <i>Life Sciences</i> , 1997 , 60, 681-96	6.8	143
357	An NMR spectroscopic method to identify and classify thiol-trapping agents: revival of Michael acceptors for drug discovery?. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 467-71	16.4	135
356	Vanilloid receptor TRPV1 antagonists as the next generation of painkillers. Are we putting the cart before the horse?. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2717-23	8.3	129
355	The phytochemistry of the yew tree. <i>Natural Product Reports</i> , 1995 , 12, 349-60	15.1	121
354	Cannabinoids: occurrence and medicinal chemistry. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1085-99	4.3	120
353	The headache treeOvia umbellulone and TRPA1 activates the trigeminovascular system. <i>Brain</i> , 2012 , 135, 376-90	11.2	119

352	Functional characterization of transient receptor potential channels in mouse urothelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F692-701	4.3	117
351	Immunosuppressive activity of capsaicinoids: capsiate derived from sweet peppers inhibits NF-kappaB activation and is a potent antiinflammatory compound in vivo. <i>European Journal of Immunology</i> , 2002 , 32, 1753-63	6.1	117
350	Arzanol, an anti-inflammatory and anti-HIV-1 phloroglucinol alpha-Pyrone from <i>Helichrysum italicum</i> ssp. <i>microphyllum</i> . <i>Journal of Natural Products</i> , 2007 , 70, 608-12	4.9	115
349	Efficacy and safety of Meriva [®] , a curcumin-phosphatidylcholine complex, during extended administration in osteoarthritis patients. <i>Alternative Medicine Review</i> , 2010 , 15, 337-44		114
348	Antioxidant activity of capsinoids. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7396-401	5.7	111
347	Hyperforin inhibits cancer invasion and metastasis. <i>Cancer Research</i> , 2004 , 64, 6225-32	10.1	106
346	Development of the first potent and specific inhibitors of endocannabinoid biosynthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006 , 1761, 205-12	5	105
345	Spices: the savory and beneficial science of pungency. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2013 , 164, 1-76	2.9	104
344	Hyperforin analogues from St. John's wort (<i>Hypericum perforatum</i>). <i>Journal of Natural Products</i> , 2000 , 63, 412-5	4.9	103
343	Anandamide inhibits nuclear factor-kappaB activation through a cannabinoid receptor-independent pathway. <i>Molecular Pharmacology</i> , 2003 , 63, 429-38	4.3	101
342	Antimycobacterial coumarins from the sardinian giant fennel (<i>Ferula communis</i>). <i>Journal of Natural Products</i> , 2004 , 67, 2108-10	4.9	98
341	Imperatorin inhibits HIV-1 replication through an Sp1-dependent pathway. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37349-59	5.4	97
340	Noladin ether, a putative novel endocannabinoid: inactivation mechanisms and a sensitive method for its quantification in rat tissues. <i>FEBS Letters</i> , 2002 , 513, 294-8	3.8	92
339	Activation of TRPA1 on dural afferents: a potential mechanism of headache pain. <i>Pain</i> , 2012 , 153, 1949-1958	10.58	90
338	A cannabigerol quinone alleviates neuroinflammation in a chronic model of multiple sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 1002-16	6.9	87
337	Furohyperforin, a prenylated phloroglucinol from st. John's wort (<i>Hypericum perforatum</i>). <i>Journal of Natural Products</i> , 1999 , 62, 770-2	4.9	87
336	A controlled study of a lecithinized delivery system of curcumin (Meriva [®]) to alleviate the adverse effects of cancer treatment. <i>Phytotherapy Research</i> , 2014 , 28, 444-50	6.7	84
335	Enhanced absorption of boswellic acids by a lecithin delivery form (Phytosome [®]) of <i>Boswellia</i> extract. <i>Phytotherapy Research</i> , 2013 , 27, 89-98	3.2	84

- 334 Receptor agonism and antagonism of dietary bitter compounds. *Journal of Neuroscience*, **2011**, 31, 14775-82 84
- 333 Oligomeric acylphloroglucinols from myrtle (*Myrtus communis*). *Journal of Natural Products*, **2002**, 65, 334-8 4.9 84
- 332 Chemoselective esterification of phenolic acids and alcohols. *Organic Letters*, **2002**, 4, 3839-41 6.2 82
- 331 Product-evaluation registry of Meriva[®], a curcumin-phosphatidylcholine complex, for the complementary management of osteoarthritis. *Pain Practice*, **2010**, 10, 55-62 2 81
- 330 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 8.5 80
- 329 Replacement of normal with mutant alleles in the genome of normal human cells unveils mutation-specific drug responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 20864-9 11.5 79
- 328 Corrigendum to Halogenation of a capsaicin analogue leads to novel vanilloid TRPV1 receptor antagonists. *British Journal of Pharmacology*, **2003**, 140, 1008-1008 8.6 78
- 327 Antiproliferative effects on tumour cells and promotion of keratinocyte wound healing by different lichen compounds. *Planta Medica*, **2009**, 75, 607-13 3.1 77
- 326 Macrocyclic diterpenoids from *Euphorbia semiperfoliata*. *Journal of Natural Products*, **1998**, 61, 749-56 4.9 77
- 325 Jatrophone diterpenes as P-glycoprotein inhibitors. First insights of structure-activity relationships and discovery of a new, powerful lead. *Journal of Medicinal Chemistry*, **2003**, 46, 3395-402 8.3 75
- 324 Prenylated coumarins and sesquiterpenoids from *Ferula communis*. *Phytochemistry*, **1986**, 26, 253-256 4 75
- 323 Reduction of delayed onset muscle soreness by a novel curcumin delivery system (Meriva[®]): a randomised, placebo-controlled trial. *Journal of the International Society of Sports Nutrition*, **2014**, 11, 31 4.5 73
- 322 Parthenolide inhibits nociception and neurogenic vasodilatation in the trigeminovascular system by targeting the TRPA1 channel. *Pain*, **2013**, 154, 2750-2758 8 71
- 321 Arzanol, a prenylated heterodimeric phloroglucinyl pyrone, inhibits eicosanoid biosynthesis and exhibits anti-inflammatory efficacy in vivo. *Biochemical Pharmacology*, **2011**, 81, 259-68 6 71
- 320 Non-pungent capsaicinoids from sweet pepper synthesis and evaluation of the chemopreventive and anticancer potential. *European Journal of Nutrition*, **2003**, 42, 2-9 5.2 71
- 319 Tetrahydrocannabinolic acid is a potent PPAR γ agonist with neuroprotective activity. *British Journal of Pharmacology*, **2017**, 174, 4263-4276 8.6 69
- 318 The human bitter taste receptor hTAS2R50 is activated by the two natural bitter terpenoids andrographolide and amarogentin. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 9860-6 5.7 69
- 317 Differential effects of phorbol-13-monoesters on human immunodeficiency virus reactivation. *Biochemical Pharmacology*, **2008**, 75, 1370-80 6 67

316	In vivo estrogenic comparisons of <i>Trifolium pratense</i> (red clover) <i>Humulus lupulus</i> (hops), and the pure compounds isoxanthohumol and 8-prenylnaringenin. <i>Chemico-Biological Interactions</i> , 2008 , 176, 30-9	5	67
315	Identification of molecular targets of the oligomeric nonprenylated acylphloroglucinols from <i>Myrtus communis</i> and their implication as anti-inflammatory compounds. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 389-96	4.7	67
314	An expeditious procedure for the isolation of ingenol from the seeds of <i>euphorbia lathyris</i> . <i>Journal of Natural Products</i> , 1999 , 62, 76-9	4.9	67
313	Evaluation of the antioxidant and cytotoxic activity of arzanol, a prenylated alpha-pyrone-phloroglucinol etherodimer from <i>Helichrysum italicum</i> subsp. <i>microphyllum</i> . <i>Chemico-Biological Interactions</i> , 2007 , 165, 117-26	5	65
312	Daphnane-type diterpene orthoesters and their biological activities. <i>Mini-Reviews in Medicinal Chemistry</i> , 2002 , 2, 185-200	3.2	64
311	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019 , 36, 35-107	15.1	63
310	Cancer mortality reduction and metformin: a retrospective cohort study in type 2 diabetic patients. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 23-9	6.7	62
309	Selective analysis of phenolic compounds in propolis by HPLC-MS/MS. <i>Phytochemical Analysis</i> , 2008 , 19, 32-9	3.4	61
308	Development of the first ultra-potent "capsaicinoid" agonist at transient receptor potential vanilloid type 1 (TRPV1) channels and its therapeutic potential. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 312, 561-70	4.7	61
307	Daucane phytoestrogens: a structure-activity study. <i>Journal of Natural Products</i> , 2002 , 65, 1612-5	4.9	60
306	Modulation of the transient receptor potential vanilloid channel TRPV4 by 4alpha-phorbol esters: a structure-activity study. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 2933-9	8.3	59
305	A structure-activity relationship study on N-arachidonoyl-amino acids as possible endogenous inhibitors of fatty acid amide hydrolase. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 314, 192-6	3.4	58
304	The 1,2,3-triazole ring as a peptido- and olefinomimetic element: discovery of click vanilloids and cannabinoids. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9312-5	16.4	57
303	Diterpenoids from <i>euphorbia pithyusa</i> subsp. <i>cupanii</i> . <i>Journal of Natural Products</i> , 1999 , 62, 1399-404	4.9	57
302	Potential role of curcumin phytosome (Meriva) in controlling the evolution of diabetic microangiopathy. A pilot study. <i>Panminerva Medica</i> , 2011 , 53, 43-9	2	57
301	Denbinobin inhibits nuclear factor-kappaB and induces apoptosis via reactive oxygen species generation in human leukemic cells. <i>Biochemical Pharmacology</i> , 2009 , 77, 1401-9	6	55
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299	Synthesis and biological evaluation of hyperforin analogues. Part I. Modification of the enolized cyclohexanedione moiety. <i>Journal of Natural Products</i> , 2002 , 65, 433-8	4.9	55

- 298 Functionalization of Ectaryophyllene generates novel polypharmacology in the endocannabinoid system. *ACS Chemical Biology*, **2014**, 9, 1499-507 4.9 54
- 297 In vitro antimalarial activity of hyperforin, a prenylated acylphloroglucinol. A structure-activity study. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 1544-8 2.9 53
- 296 Halogenation of a capsaicin analogue leads to novel vanilloid TRPV1 receptor antagonists. *British Journal of Pharmacology*, **2003**, 139, 1417-24 8.6 53
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- 294 N-Acylvanillamides: development of an expeditious synthesis and discovery of new acyl templates for powerful activation of the vanilloid receptor. *Journal of Medicinal Chemistry*, **2002**, 45, 3739-45 8.3 53
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- 292 Taxanes from *Taxus baccata*. *Phytochemistry*, **1992**, 31, 4253-4257 4 52
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- 290 Resiniferatoxin-type phorboid vanilloids display capsaicin-like selectivity at native vanilloid receptors on rat DRG neurons and at the cloned vanilloid receptor VR1. *British Journal of Pharmacology*, **1999**, 128, 428-34 8.6 50
- 289 The cannabinoid quinol VCE-004.8 alleviates bleomycin-induced scleroderma and exerts potent antifibrotic effects through peroxisome proliferator-activated receptor- α and CB2 pathways. *Scientific Reports*, **2016**, 6, 21703 4.9 50
- 288 Meriva[®], a lecithinized curcumin delivery system, in diabetic microangiopathy and retinopathy. *Panminerva Medica*, **2012**, 54, 11-6 2 50
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- 286 SJ23B, a jatrophone diterpene activates classical PKCs and displays strong activity against HIV in vitro. *Biochemical Pharmacology*, **2009**, 77, 965-78 6 49
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- 281 SAR studies on curcumin[®] pro-inflammatory targets: discovery of prenylated pyrazolocurcuminoids as potent and selective novel inhibitors of 5-lipoxygenase. *Journal of Medicinal Chemistry*, **2014**, 57, 5638-48 8.3 46

280	Cannabimovone, a Cannabinoid with a Rearranged Terpenoid Skeleton from Hemp. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2067-2072	3.2	46
279	VCE-003.2, a novel cannabigerol derivative, enhances neuronal progenitor cell survival and alleviates symptomatology in murine models of Huntington's disease. <i>Scientific Reports</i> , 2016 , 6, 29789	4.9	45
278	Recreational drug discovery: natural products as lead structures for the synthesis of smart drugs. <i>Natural Product Reports</i> , 2014 , 31, 880-904	15.1	45
277	Ligustilide: a novel TRPA1 modulator. <i>Pflügers Archiv European Journal of Physiology</i> , 2011 , 462, 841-9	4.6	45
276	Taxanes from the needles of <i>Taxus wallichiana</i> . <i>Phytochemistry</i> , 1993 , 33, 145-150	4	45
275	SERCA-inhibiting activity of C-19 terpenolides from <i>Thapsia garganica</i> and their possible biogenesis. <i>Journal of Natural Products</i> , 2005 , 68, 1213-7	4.9	44
274	Coumarins from <i>Opopanax chironium</i> . New dihydrofuranocoumarins and differential induction of apoptosis by imperatorin and heraclenin. <i>Journal of Natural Products</i> , 2004 , 67, 532-6	4.9	44
273	Localization of the cytotoxic hydroperoxyeudesmanolides in <i>Artemisia umbelliformis</i> . <i>Biochemical Systematics and Ecology</i> , 1986 , 14, 183-190	1.4	44
272	Ischemic neuroprotection by TRPV1 receptor-induced hypothermia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012 , 32, 978-82	7.3	43
271	The role of natural products in the ligand deorphanization of TRP channels. <i>Current Pharmaceutical Design</i> , 2008 , 14, 2-17	3.3	43
270	Antibacterial galloylated alkylphloroglucinol glucosides from myrtle (<i>Myrtus communis</i>). <i>Journal of Natural Products</i> , 2006 , 69, 251-4	4.9	43
269	Targeting oncogenic serine/threonine-protein kinase BRAF in cancer cells inhibits angiogenesis and abrogates hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E353-9	11.5	42
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267	Biological properties of jatrophone polyesters, new microtubule-interacting agents. <i>Cancer Chemotherapy and Pharmacology</i> , 2003 , 51, 67-74	3.5	42
266	Involvement of reactive oxygen species in capsaicinoid-induced apoptosis in transformed cells. <i>Free Radical Research</i> , 2003 , 37, 611-9	4	42
265	Antiproliferative effects of daucane esters from <i>Ferula communis</i> and <i>F. arrigonii</i> on human colon cancer cell lines. <i>Phytotherapy Research</i> , 2005 , 19, 152-7	6.7	42
264	Phorboid 20-homovanillates induce apoptosis through a VR1-independent mechanism. <i>Chemistry and Biology</i> , 2000 , 7, 483-92		42
263	Antioxidant activity of oligomeric acylphloroglucinols from <i>Myrtus communis</i> L. <i>Free Radical Research</i> , 2003 , 37, 1013-9	4	42

262	Synthesis and evaluation of C-seco paclitaxel analogues. <i>Tetrahedron Letters</i> , 1997 , 38, 4273-4276	2	41
261	Calcium ionophoretic and apoptotic effects of ferutinin in the human Jurkat T-cell line. <i>Biochemical Pharmacology</i> , 2004 , 68, 875-83	6	41
260	8-Oxygenated prenylated coumarins from <i>Ferula communis</i> . <i>Phytochemistry</i> , 1988 , 27, 3619-3624	4	41
259	Ferprenin, a prenylated coumarin from <i>Ferula communis</i> . <i>Phytochemistry</i> , 1988 , 27, 944-946	4	41
258	Dissecting the pharmacophore of curcumin. Which structural element is critical for which action?. <i>Journal of Natural Products</i> , 2013 , 76, 1105-12	4-9	40
257	Polyacetylenes from sardinian <i>Oenanthe fistulosa</i> : a molecular clue to risus sardonius. <i>Journal of Natural Products</i> , 2009 , 72, 962-5	4-9	40
256	Pterocarpanes from <i>Bituminaria morisiana</i> and <i>Bituminaria bituminosa</i> . <i>Phytochemistry</i> , 2003 , 64, 595-8	4	40
255	Anti-inflammatory and vascularprotective properties of 8-prenylapigenin. <i>European Journal of Pharmacology</i> , 2009 , 620, 120-30	5-3	39
254	A meroterpenoid NF-kappaB inhibitor and drimane sesquiterpenoids from <i>Asafetida</i> . <i>Journal of Natural Products</i> , 2006 , 69, 1101-4	4-9	39
253	Polycyclic diterpenoids from <i>Euphorbia characias</i> . <i>Phytotherapy Research</i> , 2000 , 71, 134-42	3-2	39
252	14-Hydroxy-10-deacetylbaocatin III, a new taxane from Himalayan yew (<i>Taxus wallichiana</i> Zucc.). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992 , 2925-2929		39
251	The anti-migraine component of butterbur extracts, isopetasin, desensitizes peptidergic nociceptors by acting on TRPA1 cation channel. <i>British Journal of Pharmacology</i> , 2017 , 174, 2897-2911	8.6	38
250	The endocannabinoid system of the skin. A potential approach for the treatment of skin disorders. <i>Biochemical Pharmacology</i> , 2018 , 157, 122-133	6	38
249	Lifting properties of the alkamide fraction from the fruit husks of <i>Zanthoxylum bungeanum</i> . <i>International Journal of Cosmetic Science</i> , 2011 , 33, 328-33	2.7	38
248	Artarborol, a nor-caryophyllane sesquiterpene alcohol from <i>Artemisia arborescens</i> . stereostructure assignment through concurrence of NMR data and computational analysis. <i>Organic Letters</i> , 2007 , 9, 2377-80	6.2	38
247	Synthesis and NMR-driven conformational analysis of taxol analogues conformationally constrained on the C13 side chain. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 1576-87	8.3	38
246	Taxanes from the Seeds of <i>Taxus baccata</i> . <i>Journal of Natural Products</i> , 1993 , 56, 514-520	4-9	38
245	The chemistry of coumarin derivatives, part 2. Reaction of 4-hydroxycoumarin with α,β -unsaturated aldehydes. <i>Helvetica Chimica Acta</i> , 1990 , 73, 1865-1878	2	38

244	Antimicrobial phenolics and unusual glycerides from <i>Helichrysum italicum</i> subsp. <i>microphyllum</i> . <i>Journal of Natural Products</i> , 2013 , 76, 346-53	4.9	37
243	A Straightforward Entry into Polyketide Monoprenylated Furanocoumarins and Pyranocoumarins 1. <i>Journal of Natural Products</i> , 1999 , 62, 1627-1631	4.9	37
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237	Umbellulone modulates TRP channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2011 , 462, 861-70	4.6	35
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232	Ingenol esters induce apoptosis in Jurkat cells through an AP-1 and NF-kappaB independent pathway. <i>Chemistry and Biology</i> , 2001 , 8, 767-78		33
231	The chemistry of coumarin derivatives. Part 3. Synthesis of 3-alkyl-4-hydroxycoumarins by reductive fragmentation of 3,3'-alkylidene-4,4'-dihydroxybis[coumarins]. <i>Helvetica Chimica Acta</i> , 1991 , 74, 1451-1458		33
230	Denbinobin, a naturally occurring 1,4-phenanthrenequinone, inhibits HIV-1 replication through an NF-kappaB-dependent pathway. <i>Biochemical Pharmacology</i> , 2008 , 76, 1240-50	6	32
229	8-Prenylnaringenin, inhibits estrogen receptor-alpha mediated cell growth and induces apoptosis in MCF-7 breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 107, 140-8	5.1	32
228	Comparative topical anti-inflammatory activity of cannabinoids and cannabivarins. <i>Phytotherapy Research</i> , 2010 , 24, 81, 816-9	3.2	31
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