

# Carla Ghelardini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

386

papers

8,997

citations

45

h-index

67

g-index

408

ext. papers

10,442

ext. citations

5.7

avg, IF

6.07

L-index

#	Paper	IF	Citations
386	Menthol: a natural analgesic compound. <i>Neuroscience Letters</i> , <b>2002</b> , 322, 145-8	3.3	257
385	Local anaesthetic activity of beta-caryophyllene. <i>Il Farmaco</i> , <b>2001</b> , 56, 387-9		185
384	A smart platform for hyperthermia application in cancer treatment: cobalt-doped ferrite nanoparticles mineralized in human ferritin cages. <i>ACS Nano</i> , <b>2014</b> , 8, 4705-19	16.7	154
383	Local anaesthetic activity of the essential oil of <i>Lavandula angustifolia</i> . <i>Planta Medica</i> , <b>1999</b> , 65, 700-3	3.1	134
382	Oxaliplatin-induced neuropathy: oxidative stress as pathological mechanism. Protective effect of silibinin. <i>Journal of Pain</i> , <b>2012</b> , 13, 276-84	5.2	127
381	Morphologic features and glial activation in rat oxaliplatin-dependent neuropathic pain. <i>Journal of Pain</i> , <b>2013</b> , 14, 1585-600	5.2	122
380	Development, characterization and in vivo evaluation of benzocaine-loaded liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2007</b> , 67, 86-95	5.7	116
379	Local anaesthetic, antibacterial and antifungal properties of sesquiterpenes from myrrh. <i>Planta Medica</i> , <b>2000</b> , 66, 356-8	3.1	108
378	Glial role in oxaliplatin-induced neuropathic pain. <i>Experimental Neurology</i> , <b>2014</b> , 261, 22-33	5.7	105
377	A class of sulfonamide carbonic anhydrase inhibitors with neuropathic pain modulating effects. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 1828-40	3.4	103
376	Inhibition of $\alpha 10$ nicotinic acetylcholine receptors prevents chemotherapy-induced neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E1825-E1832	11.5	100
375	[(3-Chlorophenyl)piperazinylpropyl]pyridazinones and analogues as potent antinociceptive agents. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 1055-9	8.3	98
374	Design and Synthesis of Novel Nonsteroidal Anti-Inflammatory Drugs and Carbonic Anhydrase Inhibitors Hybrids (NSAIDs-CAIs) for the Treatment of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 1159-1170	8.3	94
373	Design and study of piracetam-like nootropics, controversial members of the problematic class of cognition-enhancing drugs. <i>Current Pharmaceutical Design</i> , <b>2002</b> , 8, 125-38	3.3	94
372	Role of histamine in rodent antinociception. <i>British Journal of Pharmacology</i> , <b>1994</b> , 111, 1269-79	8.6	88
371	Analgesic effects of myrrh. <i>Nature</i> , <b>1996</b> , 379, 29	50.4	87
370	Carbonic anhydrase inhibition for the management of cerebral ischemia: in vivo evaluation of sulfonamide and coumarin inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 894-9	5.6	78

369	6-Substituted sulfocoumarins are selective carbonic anhydrase IX and XII inhibitors with significant cytotoxicity against colorectal cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 3975-83	8.3	75
368	Botulinum toxin A protects against the development of nerve injury-induced chronic pain and prevents both neuronal and glial derangement. <i>Pain</i> , <b>2014</b> , 155, 1986-95	8	73
367	Reversible antisense inhibition of Shaker-like Kv1.1 potassium channel expression impairs associative memory in mouse and rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 4430-4	11.5	71
366	Effects of natural and synthetic isothiocyanate-based HS-releasers against chemotherapy-induced neuropathic pain: Role of Kv7 potassium channels. <i>Neuropharmacology</i> , <b>2017</b> , 121, 49-59	5.5	65
365	Involvement of $\alpha 7$ nAChR subtype in rat oxaliplatin-induced neuropathy: effects of selective activation. <i>Neuropharmacology</i> , <b>2014</b> , 79, 37-48	5.5	64
364	Antineuropathic profile of N-palmitoylethanolamine in a rat model of oxaliplatin-induced neurotoxicity. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128080	3.7	63
363	The pharmacological basis of opioids. <i>Clinical Cases in Mineral and Bone Metabolism</i> , <b>2015</b> , 12, 219-21		61
362	Signaling pathway of morphine induced acute thermal hyperalgesia in mice. <i>Pain</i> , <b>2006</b> , 123, 294-305	8	60
361	New 1,8-naphthyridine and quinoline derivatives as CB2 selective agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 6505-10	2.9	58
360	Effect of preparation technique on the properties and in vivo efficacy of benzocaine-loaded ethosomes. <i>Journal of Liposome Research</i> , <b>2009</b> , 19, 253-60	6.1	56
359	A class of pyrrole derivatives endowed with analgesic/anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3695-701	3.4	54
358	Local anaesthetic activity of monoterpenes and phenylpropanes of essential oils. <i>Planta Medica</i> , <b>2001</b> , 67, 564-6	3.1	54
357	Oxaliplatin neurotoxicity involves peroxisome alterations. PPAR $\alpha$ agonism as preventive pharmacological approach. <i>PLoS ONE</i> , <b>2014</b> , 9, e102758	3.7	54
356	Cyclooxygenase-2 inhibitors. 1,5-diarylpyrrol-3-acetic esters with enhanced inhibitory activity toward cyclooxygenase-2 and improved cyclooxygenase-2/cyclooxygenase-1 selectivity. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 5403-11	8.3	52
355	Discovery of New Selenoureido Analogues of 4-(4-Fluorophenylureido)benzenesulfonamide as Carbonic Anhydrase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 963-968	4.3	51
354	Effects of dietary extra-virgin olive oil on behaviour and brain biochemical parameters in ageing rats. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1674-83	3.6	51
353	Mono- and disubstituted-3,8-diazabicyclo[3.2.1]octane derivatives as analgesics structurally related to epibatidine: synthesis, activity, and modeling. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 674-81	8.3	51
352	Design, characterization and in vivo evaluation of nanostructured lipid carriers (NLC) as a new drug delivery system for hydrochlorothiazide oral administration in pediatric therapy. <i>Drug Delivery</i> , <b>2018</b> , 25, 1910-1921	7	51

351	Antinociception induced by amitriptyline and imipramine is mediated by alpha2A-adrenoceptors. <i>The Japanese Journal of Pharmacology</i> , <b>2000</b> , 82, 130-7		50
350	The novel HS-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK channels and reduction of oxidative stress. <i>Pharmacological Research</i> , <b>2016</b> , 113, 290-299	10.2	50
349	Development and Pharmacological Characterization of Selective Blockers of 2-Arachidonoyl Glycerol Degradation with Efficacy in Rodent Models of Multiple Sclerosis and Pain. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 2612-32	8.3	49
348	Involvement of potassium channels in amitriptyline and clomipramine analgesia. <i>Neuropharmacology</i> , <b>2001</b> , 40, 75-84	5.5	49
347	Caffeine induces central cholinergic analgesia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1997</b> , 356, 590-5	3.4	48
346	A TRPA1 antagonist reverts oxaliplatin-induced neuropathic pain. <i>Scientific Reports</i> , <b>2013</b> , 3, 2005	4.9	47
345	Effect of potassium channel modulators in mouse forced swimming test. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1653-9	8.6	47
344	Discovery of New Sulfonamide Carbonic Anhydrase IX Inhibitors Incorporating Nitrogenous Bases. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 1314-1319	4.3	46
343	Synthesis, biological evaluation, and enzyme docking simulations of 1,5-diarylpyrrole-3-alkoxyethyl ethers as selective cyclooxygenase-2 inhibitors endowed with anti-inflammatory and antinociceptive activity. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4476-81	8.3	46
342	Activation of JNK pathway in spinal astrocytes contributes to acute ultra-low-dose morphine thermal hyperalgesia. <i>Pain</i> , <b>2015</b> , 156, 1265-1275	8	45
341	Protective effect of alpha7 nAChR: behavioural and morphological features on neuropathy. <i>Pain</i> , <b>2010</b> , 150, 542-549	8	45
340	Effect of glucoraphanin and sulforaphane against chemotherapy-induced neuropathic pain: Kv7 potassium channels modulation by H <sub>2</sub> S release in vivo. <i>Phytotherapy Research</i> , <b>2018</b> , 32, 2226-2234	6.7	44
339	Analgesic and antineuropathic drugs acting through central cholinergic mechanisms. <i>Recent Patents on CNS Drug Discovery</i> , <b>2011</b> , 6, 119-40		44
338	The phospholipase C-IP3 pathway is involved in muscarinic antinociception. <i>Neuropsychopharmacology</i> , <b>2003</b> , 28, 888-97	8.7	44
337	Local anaesthetic activity of (+)- and (-)-menthol. <i>Planta Medica</i> , <b>2001</b> , 67, 174-6	3.1	44
336	Loss of muscarinic antinociception by antisense inhibition of M(1) receptors. <i>British Journal of Pharmacology</i> , <b>2000</b> , 129, 1633-40	8.6	44
335	Selenium and zinc: Two key players against cadmium-induced neuronal toxicity. <i>Toxicology in Vitro</i> , <b>2018</b> , 48, 159-169	3.6	43
334	St. John's Wort reduces neuropathic pain through a hypericin-mediated inhibition of the protein kinase C gamma and epsilon activity. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1327-36	6	43

333	Acetyl-L-carnitine induces muscarinic antinociception in mice and rats. <i>Neuropharmacology</i> , <b>2002</b> , 43, 1180-5	5.7	43
332	The $\alpha 10$ nicotinic receptor antagonist Etonotoxin RgIA prevents neuropathic pain induced by oxaliplatin treatment. <i>Experimental Neurology</i> , <b>2016</b> , 282, 37-48	5.7	43
331	Therapeutic effects of the superoxide dismutase mimetic compound MnIIIme2DO2A on experimental articular pain in rats. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 905360	4.3	42
330	Supraspinal role of protein kinase C in oxaliplatin-induced neuropathy in rat. <i>Pain</i> , <b>2009</b> , 146, 141-7	8	42
329	Influence of potassium channel modulators on cognitive processes in mice. <i>British Journal of Pharmacology</i> , <b>1998</b> , 123, 1079-84	8.6	42
328	Anticancer properties of erucin, an H <sub>2</sub> S-releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPC-1). <i>Phytotherapy Research</i> , <b>2019</b> , 33, 845-855	6.7	42
327	Astragali radix: could it be an adjuvant for oxaliplatin-induced neuropathy?. <i>Scientific Reports</i> , <b>2017</b> , 7, 42021	4.9	41
326	Different involvement of type 1, 2, and 3 ryanodine receptors in memory processes. <i>Learning and Memory</i> , <b>2008</b> , 15, 315-23	2.8	41
325	Structural investigation of the 7-chloro-3-hydroxy-1H-quinazoline-2,4-dione scaffold to obtain AMPA and kainate receptor selective antagonists. Synthesis, pharmacological, and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 6015-26	8.3	41
324	4-Hydroxy-3-nitro-5-ureido-benzenesulfonamides Selectively Target the Tumor-Associated Carbonic Anhydrase Isoforms IX and XII Showing Hypoxia-Enhanced Antiproliferative Profiles. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 10860-10874	8.3	41
323	Oxaliplatin evokes P2X7-dependent glutamate release in the cerebral cortex: A pain mechanism mediated by Pannexin 1. <i>Neuropharmacology</i> , <b>2015</b> , 97, 133-41	5.5	40
322	Pleiotropic effect of histamine H4 receptor modulation in the central nervous system. <i>Neuropharmacology</i> , <b>2013</b> , 71, 141-7	5.5	39
321	Histamine H4 receptor activation alleviates neuropathic pain through differential regulation of ERK, JNK, and P38 MAPK phosphorylation. <i>Pain</i> , <b>2015</b> , 156, 2492-2504	8	39
320	Neuroprotective effects of acetyl-L-carnitine on neuropathic pain and apoptosis: a role for the nicotinic receptor. <i>Journal of Neuroscience Research</i> , <b>2009</b> , 87, 200-7	4.4	39
319	Alpha2-agonists as analgesic agents. <i>Medicinal Research Reviews</i> , <b>2009</b> , 29, 339-68	14.4	39
318	Regionally selective activation and differential regulation of ERK, JNK and p38 MAP kinase signalling pathway by protein kinase C in mood modulation. <i>International Journal of Neuropsychopharmacology</i> , <b>2012</b> , 15, 781-93	5.8	38
317	Blockade of intracellular calcium release induces an antidepressant-like effect in the mouse forced swimming test. <i>Neuropharmacology</i> , <b>2006</b> , 50, 309-16	5.5	38
316	Central cholinergic antinociception induced by 5HT4 agonists: BIMU 1 and BIMU 8. <i>Life Sciences</i> , <b>1996</b> , 58, 2297-309	6.8	38

315	Discovery of Novel Nonsteroidal Anti-Inflammatory Drugs and Carbonic Anhydrase Inhibitors Hybrids (NSAIDs-CAIs) for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 4961-4977	8.3	37
314	Novel analgesic/anti-inflammatory agents: 1,5-diarylpyrrole nitrooxyalkyl ethers and related compounds as cyclooxygenase-2 inhibiting nitric oxide donors. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 3191-206	8.3	37
313	New insight into the central benzodiazepine receptor-ligand interactions: design, synthesis, biological evaluation, and molecular modeling of 3-substituted 6-phenyl-4H-imidazo[1,5-a][1,4]benzodiazepines and related compounds. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 5694-711	8.3	37
312	Antihyperalgesic activity of verbascoside in two models of neuropathic pain. <i>Journal of Pharmacy and Pharmacology</i> , <b>2011</b> , 63, 594-601	4.8	37
311	Structural investigations on coumarins leading to chromeno[4,3-c]pyrazol-4-ones and pyrano[4,3-c]pyrazol-4-ones: New scaffolds for the design of the tumor-associated carbonic anhydrase isoforms IX and XII. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 47-59	6.8	36
310	Novel analgesic/anti-inflammatory agents: diarylpyrrole acetic esters endowed with nitric oxide releasing properties. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 7759-71	8.3	36
309	Salvianolic acid B and its liposomal formulations: anti-hyperalgesic activity in the treatment of neuropathic pain. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 44, 552-8	5.1	36
308	Novel ester and acid derivatives of the 1,5-diarylpyrrole scaffold as anti-inflammatory and analgesic agents. Synthesis and in vitro and in vivo biological evaluation. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 723-33	8.3	36
307	Alpha-2 agonist-induced memory impairment is mediated by the alpha-2A-adrenoceptor subtype. <i>Behavioural Brain Research</i> , <b>2004</b> , 153, 409-17	3.4	35
306	Structure-affinity relationships of a unique nicotinic ligand: N(1)-dimethyl-N(4)-phenylpiperazinium iodide (DMPP). <i>Journal of Medicinal Chemistry</i> , <b>2001</b> , 44, 3946-55	8.3	35
305	Investigation into the role of histamine receptors in rodent antinociception. <i>Pharmacology Biochemistry and Behavior</i> , <b>1996</b> , 53, 567-74	3.9	35
304	A prolonged protein kinase C-mediated, opioid-related antinociceptive effect of st John's Wort in mice. <i>Journal of Pain</i> , <b>2010</b> , 11, 149-59	5.2	34
303	A novel manganese complex effective as superoxide anion scavenger and therapeutic agent against cell and tissue oxidative injury. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 7273-83	8.3	34
302	Arylpiperazinylalkylpyridazinones and analogues as potent and orally active antinociceptive agents: synthesis and studies on mechanism of action. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 7826-35	8.3	34
301	Liposomal formulations of prilocaine: effect of complexation with hydroxypropyl-β-cyclodextrin on drug anesthetic efficacy. <i>Journal of Liposome Research</i> , <b>2010</b> , 20, 315-22	6.1	33
300	Role of potassium channels in the antinociception induced by agonists of alpha2-adrenoceptors. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1214-20	8.6	33
299	Oxaliplatin-induced blood brain barrier loosening: a new point of view on chemotherapy-induced neurotoxicity. <i>Oncotarget</i> , <b>2018</b> , 9, 23426-23438	3.3	33
298	Behavioural phenotype of histamine H receptor knockout mice: Focus on central neuronal functions. <i>Neuropharmacology</i> , <b>2017</b> , 114, 48-57	5.5	32

297	Ethyl 8-fluoro-6-(3-nitrophenyl)-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate as novel, highly potent, and safe antianxiety agent. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4730-43	8.3	32
296	Novel potent 5-HT(3) receptor ligands based on the pyrrolidone structure: synthesis, biological evaluation, and computational rationalization of the ligand-receptor interaction modalities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 779-801	3.4	32
295	Central cholinergic challenging of migraine by testing second-generation anticholinesterase drugs. <i>Headache</i> , <b>2002</b> , 42, 596-602	4.2	32
294	Presynaptic cholinergic modulators as potent cognition enhancers and analgesic drugs. 1. Tropic and 2-phenylpropionic acid esters. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1704-11	8.3	31
293	Effects of Cadmium on ZO-1 Tight Junction Integrity of the Blood Brain Barrier. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	31
292	Design, synthesis and X-ray crystallography of selenides bearing benzenesulfonamide moiety with neuropathic pain modulating effects. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 154, 210-219	6.8	31
291	Development and in vivo evaluation of an innovative "Hydrochlorothiazide-in Cyclodextrins-in Solid Lipid Nanoparticles" formulation with sustained release and enhanced oral bioavailability for potential hypertension treatment in pediatrics. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 521, 73-83	6.5	30
290	Hypofunctionality of Gi proteins as aetiopathogenic mechanism for migraine and cluster headache. <i>Cephalalgia</i> , <b>2001</b> , 21, 38-45	6.1	30
289	Presynaptic cholinergic modulators as potent cognition enhancers and analgesic drugs. 2. 2-Phenoxy-, 2-(phenylthio)-, and 2-(phenylamino)alkanoic acid esters. <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1712-9	8.3	30
288	Regionally selective activation of ERK and JNK in morphine paradoxical hyperalgesia: a step toward improving opioid pain therapy. <i>Neuropharmacology</i> , <b>2014</b> , 86, 67-77	5.5	29
287	Serotonergic modulation in neuropathy induced by oxaliplatin: effect on the 5HT2C receptor. <i>European Journal of Pharmacology</i> , <b>2014</b> , 735, 141-9	5.3	29
286	Calcium alginate microspheres containing metformin hydrochloride niosomes and chitosomes aimed for oral therapy of type 2 diabetes mellitus. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 530, 430-439	6.5	29
285	Erucin exhibits vasorelaxing effects and antihypertensive activity by H S-releasing properties. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 824-835	8.6	29
284	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 1340-1354	8.3	28
283	Identification of the First Synthetic Allosteric Modulator of the CB Receptors and Evidence of Its Efficacy for Neuropathic Pain Relief. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 276-287	8.3	28
282	3-Hydroxy-1H-quinazoline-2,4-dione derivatives as new antagonists at ionotropic glutamate receptors: molecular modeling and pharmacological studies. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 54, 470-82	6.8	28
281	Supraspinal Gbetagamma-dependent stimulation of PLCbeta originating from G inhibitory protein-mu opioid receptor-coupling is necessary for morphine induced acute hyperalgesia. <i>Journal of Neurochemistry</i> , <b>2009</b> , 111, 171-80	6	28
280	Pharmacological identification of SM-21, the novel sigma(2) antagonist. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 67, 659-62	3.9	28

279	Molecular simplification of 1,4-diazabicyclo[4.3.0]nonan-9-ones gives piperazine derivatives that maintain high nootropic activity. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 4499-507	8.3	28
278	Low dose native type II collagen prevents pain in a rat osteoarthritis model. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 228	2.8	27
277	Synthesis, biological evaluation, and receptor docking simulations of 2-[(acylamino)ethyl]-1,4-benzodiazepines as kappa-opioid receptor agonists endowed with antinociceptive and anti-amnesic activity. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 3853-64	8.3	27
276	H1-receptor stimulation induces hyperalgesia through activation of the phospholipase C-PKC pathway. <i>Neuropharmacology</i> , <b>2004</b> , 47, 295-303	5.5	27
275	M1 receptor activation is a requirement for arecoline analgesia. <i>Il Farmaco</i> , <b>2001</b> , 56, 383-5		27
274	Effect of the SOD mimetic MnL4 on in vitro and in vivo oxaliplatin toxicity: Possible aid in chemotherapy induced neuropathy. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 93, 67-76	7.8	26
273	Tanshinones from <i>Salvia miltiorrhiza</i> Bunge revert chemotherapy-induced neuropathic pain and reduce glioblastoma cells malignancy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 105, 1042-1049	7.5	26
272	Synthesis and Evaluation of Carbonic Anhydrase Inhibitors with Carbon Monoxide Releasing Properties for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 7233-7249	8.3	26
271	Aminopyrrolic synthetic receptors for monosaccharides: a class of carbohydrate-binding agents endowed with antibiotic activity versus pathogenic yeasts. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5064-72	4.8	26
270	Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1252	5.6	26
269	Heterocoumarins Are Selective Carbonic Anhydrase IX and XII Inhibitors with Cytotoxic Effects against Cancer Cells Lines. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 947-951	4.3	26
268	Liposomal Formulation to Increase Stability and Prolong Antineuropathic Activity of Verbascoside. <i>Planta Medica</i> , <b>2017</b> , 83, 412-419	3.1	25
267	In Vitro Evidence for the Use of Astragali Radix Extracts as Adjuvant against Oxaliplatin-Induced Neurotoxicity. <i>Planta Medica</i> , <b>2015</b> , 81, 1045-55	3.1	25
266	Design, synthesis, and preliminary pharmacological evaluation of 1,4-diazabicyclo[4.3.0]nonan-9-ones as a new class of highly potent nootropic agents. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 1969-74	8.3	25
265	Synthesis and biological evaluation of fluorinated 1,5-diarylpyrrole-3-alkoxyethyl ether derivatives as selective COX-2 inhibitors endowed with anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 109, 99-106	6.8	24
264	PKC-mediated HuD-GAP43 pathway activation in a mouse model of antiretroviral painful neuropathy. <i>Pharmacological Research</i> , <b>2014</b> , 81, 44-53	10.2	24
263	2-Arylpyrazolo[4,3-d]pyrimidin-7-amino derivatives as new potent and selective human A3 adenosine receptor antagonists. Molecular modeling studies and pharmacological evaluation. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 2256-69	8.3	24
262	5-HT1A agonists induce central cholinergic antinociception. <i>Pharmacology Biochemistry and Behavior</i> , <b>1997</b> , 57, 835-41	3.9	24



261	A gene-specific cerebral types 1, 2, and 3 RyR protein knockdown induces an antidepressant-like effect in mice. <i>Journal of Neurochemistry</i> , <b>2008</b> , 106, 2385-94	6	24
260	Design, synthesis, and preliminary pharmacological evaluation of 4-aminopiperidine derivatives as N-type calcium channel blockers active on pain and neuropathic pain. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 6070-81	8.3	24
259	Adenosine A3 receptor activation inhibits pronociceptive N-type Ca <sup>2+</sup> currents and cell excitability in dorsal root ganglion neurons. <i>Pain</i> , <b>2019</b> , 160, 1103-1118	8	24
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4	Inactivation of G <sub>i</sub> proteins induces an antidepressant-like effect in the mouse forced-swimming test. <i>Neuropharmacology</i> , <b>2002</b> , 43, 457-65	5.5	
3	AG-4: a nicotinic agonist endowed with anti-amnesic properties. <i>Drug Development Research</i> , <b>2000</b> , 51, 191-196	5.1	
2	Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. <i>Proceedings (mdpi)</i> , <b>2021</b> , 78, 52	0.3	
1	Neurorestoration from medicinal plants: an opportunity to treat painful neuropathies. <i>Neural Regeneration Research</i> , <b>2017</b> , 12, 403-404	4.5	