

# Carla Ghelardini

## List of Publications by Year in Descending Order

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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	Healthy Properties of a New Formulation of Pomegranate-Peel Extract in Mice Suffering from Experimental Autoimmune Encephalomyelitis.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	3
385	Restorative and pain-relieving effects of fibroin in preclinical models of tendinopathy.. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 148, 112693	7.5	2
384	Sultam based Carbonic Anhydrase VII inhibitors for the management of neuropathic pain. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 227, 113956	6.8	1
383	Effects of Ultramicronized -Palmitoylethanolamine Supplementation on Tramadol and Oxycodone Analgesia and Tolerance Prevention.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	2
382	Development of Eudragit $\square$ Nanoparticles for Intranasal Drug Delivery: Preliminary Technological and Toxicological Evaluation. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2373	2.6	0
381	Anti-inflammatory Effects of Novel P2X4 Receptor Antagonists, NC-2600 and NP-1815-PX, in a Murine Model of Colitis.. <i>Inflammation</i> , <b>2022</b> , 1	5.1	1
380	Neuronal alarmin IL-1 $\square$ evokes astrocyte-mediated protective signals: Effectiveness in chemotherapy-induced neuropathic pain.. <i>Neurobiology of Disease</i> , <b>2022</b> , 168, 105716	7.5	1
379	The Protection of Zinc against Acute Cadmium Exposure: A Morphological and Molecular Study on a BBB In Vitro Model. <i>Cells</i> , <b>2022</b> , 11, 1646	7.9	0
378	Beneficial Effect of H <sub>2</sub> S-Releasing Molecules in an In Vitro Model of Sarcopenia: Relevance of Glucoraphanin. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5955	6.3	1
377	Inhibitors of Mitochondrial Human Carbonic Anhydrases VA and VB as a Therapeutic Strategy against Paclitaxel-Induced Neuropathic Pain in Mice. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6229	6.3	2
376	Glyco-Coated CdSe/ZnS Quantum Dots as Nanoprobes for Carbonic Anhydrase IX Imaging in Cancer Cells.. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 14153-14160	5.6	2
375	Precision Medicine in Alzheimer's Disease: Investigating Comorbid Common Biological Substrates in the Rat Model of Amyloid Beta-Induced Toxicity.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 799561	5.6	1
374	H NMR and HPLC-DAD-MS for the characterization of ellagitannins and triterpenoids of less investigated <i>Anogeissus leiolepis</i> DC (Combretaceae) stem bark.. <i>Food Chemistry</i> , <b>2021</b> , 375, 131813	8.5	1
373	VEGF-A/VEGFR-1 signalling and chemotherapy-induced neuropathic pain: therapeutic potential of a novel anti-VEGFR-1 monoclonal antibody. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2021</b> , 40, 320	12.8	4
372	Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. <i>Proceedings (mdpi)</i> , <b>2021</b> , 78, 52	0.3	
371	Adenosine A <sub>3</sub> agonists reverse neuropathic pain via T cell-mediated production of IL-10. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	11
370	Role of Carbonic Anhydrase in Cerebral Ischemia and Carbonic Anhydrase Inhibitors as Putative Protective Agents. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3

369	Oxaliplatin-Induced Neuropathy: Genetic and Epigenetic Profile to Better Understand How to Ameliorate This Side Effect. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 643824	5.6	3
368	Improvement of Butamben Anesthetic Efficacy by the Development of Deformable Liposomes Bearing the Drug as Cyclodextrin Complex. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
367	The HS-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
366	Pain Relieving and Neuroprotective Effects of Non-opioid Compound, DDD-028, in the Rat Model of Paclitaxel-Induced Neuropathy. <i>Neurotherapeutics</i> , <b>2021</b> , 18, 2008-2020	6.4	2
365	Uncovering the Mechanisms of Adenosine Receptor-Mediated Pain Control: Focus on the A Receptor Subtype. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
364	Eruca sativa Mill. seed extract promotes anti-obesity and hypoglycemic effects in mice fed with a high-fat diet. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 1983-1990	6.7	5
363	Therapeutic potential for coxibs-nitric oxide releasing hybrids in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 210, 112983	6.8	1
362	Efficacy of Extract against Inflammatory Pain: In Vivo Studies in Mice. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3
361	Comparative Assessment of the Activity of Racemic and Dextrorotatory Forms of Thioctic (Alpha-Lipoic) Acid in Low Back Pain: Preclinical Results and Clinical Evidences From an Open Randomized Trial. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 607572	5.6	2
360	Tellurides bearing benzensulfonamide as carbonic anhydrase inhibitors with potent antitumor activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 45, 128147	2.9	2
359	The Anti-Arthritic Efficacy of Khellin Loaded in Ascorbyl Decanoate Nanovesicles after an Intra-Articular Administration. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
358	Lipid Cubic Mesophases Combined with Superparamagnetic Iron Oxide Nanoparticles: A Hybrid Multifunctional Platform with Tunable Magnetic Properties for Nanomedical Applications. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
357	Carbonic Anhydrase IV Selective Inhibitors Counteract the Development of Colitis-Associated Visceral Pain in Rats. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
356	N-Acylethanolamine Acid Amidase Inhibition Potentiates Morphine Analgesia and Delays the Development of Tolerance. <i>Neurotherapeutics</i> , <b>2021</b> , 1	6.4	2
355	Design and synthesis of the first indole-based blockers of Panx-1 channel. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 223, 113650	6.8	1
354	Chalcogenides-incorporating carbonic anhydrase inhibitors concomitantly reverted oxaliplatin-induced neuropathy and enhanced antiproliferative action. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113793	6.8	7
353	Protective effects of carbonic anhydrase inhibition in brain ischaemia and models. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 964-976	5.6	4
352	New Perspectives in the Pathophysiology and Treatment of Pain in Patients with Dry Eye Disease.. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 11,	5.1	1

351	Phenyl(thio)phosphon(amid)ate Benzenesulfonamides as Potent and Selective Inhibitors of Human Carbonic Anhydrases II and VII Counteract Allodynia in a Mouse Model of Oxaliplatin-Induced Neuropathy. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 5185-5200	8.3	6
350	Design, synthesis and biological evaluation of 7-substituted 4-phenyl-6H-imidazo[1,5-a]thieno[3,2-f][1,4]diazepines as safe anxiolytic agents. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 200, 112405	6.8	2
349	Effects of the Combination of $\beta$ -Hydroxy- $\beta$ -Methyl Butyrate and R(+) Lipoic Acid in a Cellular Model of Sarcopenia. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
348	The Use of the Selective Imidazoline I Receptor Agonist Carbophenylene as a Strategy for Neuropathic Pain Relief: Preclinical Evaluation in a Mouse Model of Oxaliplatin-Induced Neurotoxicity. <i>Neurotherapeutics</i> , <b>2020</b> , 17, 1005-1015	6.4	5
347	Intra-Articular Route for the System of Molecules 14G1862 from : Pain Relieving and Protective Effects in a Rat Model of Osteoarthritis. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
346	Coronaridine congeners decrease neuropathic pain in mice and inhibit $\alpha$ 10 nicotinic acetylcholine receptors and Ca2.2 channels. <i>Neuropharmacology</i> , <b>2020</b> , 175, 108194	5.5	8
345	Functional Selectivity and Antinociceptive Effects of a Novel KOPr Agonist. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 188	5.6	18
344	Pomegranate Mesocarp against Colitis-Induced Visceral Pain in Rats: Effects of a Decoction and Its Fractions. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
343	The Anti-Inflammatory and Pain-Relieving Effects of AR170, an Adenosine A Receptor Agonist, in a Rat Model of Colitis. <i>Cells</i> , <b>2020</b> , 9,	7.9	6
342	$\beta$ Sitosterol Loaded Nanostructured Lipid Carrier: Physical and Oxidative Stability, In Vitro Simulated Digestion and Hypocholesterolemic Activity. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	7
341	Novel formyl peptide receptor (FPR) agonists with pyridinone and pyrimidindione scaffolds that are potentially useful for the treatment of rheumatoid arthritis. <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103880	5.1	9
340	Bioisosteric Development of Multitarget Nonsteroidal Anti-Inflammatory Drug-Carbonic Anhydrases Inhibitor Hybrids for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 2325-2342	8.3	14
339	The endocannabinoid system dual-target ligand N-cycloheptyl-1,2-dihydro-5-bromo-1-(4-fluorobenzyl)-6-methyl-2-oxo-pyridine-3-carboxamide improves disease severity in a mouse model of multiple sclerosis. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112858	6.8	8
338	Intranasal Low-Dose Naltrexone Against Opioid Side Effects: A Preclinical Study. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 576624	5.6	3
337	( $\alpha$ -3-Furan-2-yl)- $\omega$ -tolyl-acrylamide and its Derivative DM489 Decrease Neuropathic Pain in Mice Predominantly by $\alpha$ 7 Nicotinic Acetylcholine Receptor Potentiation. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 3603-3614	5.7	6
336	The active second-generation proteasome inhibitor oprozomib reverts the oxaliplatin-induced neuropathy symptoms. <i>Biochemical Pharmacology</i> , <b>2020</b> , 182, 114255	6	3
335	Pain Modulation in WAG/Rij Epileptic Rats (A Genetic Model of Absence Epilepsy): Effects of Biological and Pharmacological Histone Deacetylase Inhibitors. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 549191	5.6	5
334	Development of a stable oral pediatric solution of hydrochlorothiazide by the combined use of cyclodextrins and hydrophilic polymers. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 587, 119692	6.5	2

333	Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. <i>Cells</i> , <b>2020</b> , 9,	7.9	11
332	Acute visceral pain relief mediated by A3AR agonists in rats: involvement of N-type voltage-gated calcium channels. <i>Pain</i> , <b>2020</b> , 161, 2179-2190	8	11
331	Toxicological Profile of the Pain-Relieving Antioxidant Compound Thiocctic Acid in Its Racemic and Enantiomeric Forms. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	3
330	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
329	Bacopa monnieri as augmentation therapy in the treatment of anhedonia, preclinical and clinical evaluation. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 2331-2340	6.7	7
328	Antioxidant-Conjugated 1,2,4-Triazolo[4,3-]pyrazin-3-one Derivatives: Highly Potent and Selective Human A Adenosine Receptor Antagonists Possessing Protective Efficacy in Neuropathic Pain. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 8511-8531	8.3	9
327	Protective Effects Induced by Two Polyphenolic Liquid Complexes from Olive (, mainly ) Pressing Juice in Rat Isolated Tissues Challenged with LPS. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
326	Meal against Diabetic Neuropathic Pain: An HS-Mediated Effect of Glucoerucin. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
325	Synthesis, biological evaluation and molecular modeling of novel selective COX-2 inhibitors: sulfide, sulfoxide, and sulfone derivatives of 1,5-diarylpyrrol-3-substituted scaffold. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 115045	3.4	14
324	Intestinal inflammation increases convulsant activity and reduces antiepileptic drug efficacy in a mouse model of epilepsy. <i>Scientific Reports</i> , <b>2019</b> , 9, 13983	4.9	22
323	New Rigid Nicotine Analogues, Carrying a Norbornane Moiety, Are Potent Agonists of $\alpha 7$ and $\alpha 5$ Nicotinic Receptors. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1887-1901	8.3	4
322	N-aryl-NPureido-O-sulfamates: Potent and selective inhibitors of the human Carbonic Anhydrase VII isoform with neuropathic pain relieving properties. <i>Bioorganic Chemistry</i> , <b>2019</b> , 89, 103033	5.1	10
321	Benzensulfonamides bearing spirohydantoin moieties act as potent inhibitors of human carbonic anhydrases II and VII and show neuropathic pain attenuating effects. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 177, 188-197	6.8	19
320	Pain Relieving Effect of-NSAIDs-CAIs Hybrid Molecules: Systemic and Intra-Articular Treatments against Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
319	Blueberry juice protects osteocytes and bone precursor cells against oxidative stress partly through SIRT1. <i>FEBS Open Bio</i> , <b>2019</b> , 9, 1082-1096	2.7	10
318	Novel 8-amino-1,2,4-triazolo[4,3-a]pyrazin-3-one derivatives as potent human adenosine A and A receptor antagonists. Evaluation of their protective effect against $\beta$ amyloid-induced neurotoxicity in SH-SY5Y cells. <i>Bioorganic Chemistry</i> , <b>2019</b> , 87, 380-394	5.1	11
317	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
316	Synthesis of novel tellurides bearing benzensulfonamide moiety as carbonic anhydrase inhibitors with antitumor activity. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 181, 111586	6.8	18

315	L. Extract: Alpha-Amylase Inhibition against Metabolic Syndrome in Mice. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	10
314	Modifications on the Amino-3,5-dicyanopyridine Core To Obtain Multifaceted Adenosine Receptor Ligands with Antineuropathic Activity. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 6894-6912	8.3	9
313	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	8.2	26
312	Effect of NIR laser therapy by MLS-MiS source against neuropathic pain in rats: in vivo and ex vivo analysis. <i>Scientific Reports</i> , <b>2019</b> , 9, 9297	4.9	10
311	Spirocyclic sulfonamides with carbonic anhydrase inhibitory and anti-neuropathic pain activity. <i>Bioorganic Chemistry</i> , <b>2019</b> , 92, 103210	5.1	8
310	Nanostructured lipid carriers for oral delivery of silymarin: Improving its absorption and in vivo efficacy in type 2 diabetes and metabolic syndrome model. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 572, 118838	6.5	19
309	Mesenchymal stem cells, implications for pain therapy. <i>Neural Regeneration Research</i> , <b>2019</b> , 14, 1915-1916	4.5	2
308	Researching New Therapeutic Approaches for Abdominal Visceral Pain Treatment: Preclinical Effects of an Assembled System of Molecules of Vegetal Origin. <i>Nutrients</i> , <b>2019</b> , 12,	6.7	11
307	Intra-articular mucilages: behavioural and histological evaluations for a new model of articular pain. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 971-981	4.8	7
306	Cannabidiol Protects Dopaminergic Neuronal Cells from Cadmium. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	16
305	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
304	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
303	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
302	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
301	Design, Synthesis, and X-ray of Selenides as New Class of Agents for Prevention of Diabetic Cerebrovascular Pathology. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 462-467	4.3	17
300	Involvement of the N/OFQ-NOP system in rat morphine antinociceptive tolerance: Are astrocytes the crossroad?. <i>European Journal of Pharmacology</i> , <b>2018</b> , 823, 79-86	5.3	5
299	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
298	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

297	Histamine-deficient mice do not respond to the antidepressant-like effects of oleoylethanolamide. <i>Neuropharmacology</i> , <b>2018</b> , 135, 234-241	5.5	10
296	Resolution of co-eluting isomers of anti-inflammatory drugs conjugated to carbonic anhydrase inhibitors from plasma in liquid chromatography by energy-resolved tandem mass spectrometry. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 671-679	5.6	14
295	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. <i>ChemMedChem</i> , <b>2018</b> , 13, 2090-2103	3.7	11
294	Ultramicronized -Palmitoylethanolamine Supplementation for Long-Lasting, Low-Dosed Morphine Antinociception. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 473	5.6	12
293	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
292	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
291	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
290	Treatment with acetyl-L-carnitine exerts a neuroprotective effect in the sciatic nerve following loose ligation: a functional and microanatomical study. <i>Neural Regeneration Research</i> , <b>2018</b> , 13, 692-698	4.5	7
289	Adipose-derived stem cells decrease pain in a rat model of oxaliplatin-induced neuropathy: Role of VEGF-A modulation. <i>Neuropharmacology</i> , <b>2018</b> , 131, 166-175	5.5	21
288	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
287	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
286	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
285	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
284	Combined Approach of Cyclodextrin Complexation and Nanostructured Lipid Carriers for the Development of a Pediatric Liquid Oral Dosage Form of Hydrochlorothiazide. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	13
283	Efficacy of isothiocyanate-based compounds on different forms of persistent pain. <i>Journal of Pain Research</i> , <b>2018</b> , 11, 2905-2913	2.9	9
282	Interaction of Half Oxa-/Half -Platin Complex with Human Superoxide Dismutase and Induced Reduction of Neurotoxicity. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 1094-1098	4.3	2
281	Effect of <i>Vitis vinifera</i> hydroalcoholic extract against oxaliplatin neurotoxicity: in vitro and in vivo evidence. <i>Scientific Reports</i> , <b>2018</b> , 8, 14364	4.9	10
280	Discovery of new 2, 5-disubstituted 1,3-selenazoles as selective human carbonic anhydrase IX inhibitors with potent anti-tumor activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 1214-1222	6.8	22

279	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
278	Improving the therapeutic efficacy of prilocaine by PLGA microparticles: Preparation, characterization and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 547, 24-30	6.5	14
277	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
276	Liposomal Formulation to Increase Stability and Prolong Antineuropathic Activity of Verbascoside. <i>Planta Medica</i> , <b>2017</b> , 83, 412-419	3.1	25
275	Apoptotic Process Induced by Oxaliplatin in Rat Hippocampus Causes Memory Impairment. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 120, 14-21	3.1	5
274	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
273	HuD-mediated distinct BDNF regulatory pathways promote regeneration after nerve injury. <i>Brain Research</i> , <b>2017</b> , 1659, 55-63	3.7	15
272	Inhibition of $\alpha 7$ 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
271	Spinal astrocytic c-Jun N-terminal kinase (JNK) activation as counteracting mechanism to the amitriptyline analgesic efficacy in painful peripheral neuropathies. <i>European Journal of Pharmacology</i> , <b>2017</b> , 798, 85-93	5.3	8
270	Piperazines as nootropic agents: New derivatives of the potent cognition-enhancer DM235 carrying hydrophilic substituents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 1795-1803	3.4	5
269	Synthesis and pharmacological evaluation of pyrazolo[1,5-a]pyrimidin-7(4H)-one derivatives as potential GABA-R ligands. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 1901-1906	3.4	14
268	Astragali radix: could it be an adjuvant for oxaliplatin-induced neuropathy?. <i>Scientific Reports</i> , <b>2017</b> , 7, 42021	4.9	41
267	Effects of Hypericum perforatum extract on oxaliplatin-induced neurotoxicity: in vitro evaluations. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2017</b> , 72, 219-226	1.7	10
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6	Analgesic effects of myrrh. <i>Nature</i> , <b>1996</b> , 379, 29	50.4	87
5	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
4	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
3	Role of histamine in rodent antinociception. <i>British Journal of Pharmacology</i> , <b>1994</b> , 111, 1269-79	8.6	88
2	Stereoselectivity in central analgesic action of tocinide and its analogs. <i>Chirality</i> , <b>1993</b> , 5, 135-42	2.1	12
1	Presynaptic cholinergic mechanism of R-(+) hyoscyamine activity: In vitro studies. <i>Pharmacological Research</i> , <b>1992</b> , 26, 322	10.2	1