Carla Ghelardini

List of Publications by Year
in descending order

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401 papers	11,822 citations	36203 51 h-index	69108 77 g-index

408 all docs	408 docs citations	408 times ranked	13177 citing authors

#	Article	IF	Citations
1	Visceral sensitivity modulation by faecal microbiota transplantation: the active role of gut bacteria in pain persistence. Pain, 2022, 163, 861-877.	2.0	17
2	Sultam based Carbonic Anhydrase VII inhibitors for the management of neuropathic pain. European Journal of Medicinal Chemistry, 2022, 227, 113956.	2.6	9
3	1H NMR and HPLC-DAD-MS for the characterization of ellagitannins and triterpenoids of less investigated Anogeissus leiocarpus DC (Combretaceae) stem bark. Food Chemistry, 2022, 375, 131813.	4.2	8
4	Healthy Properties of a New Formulation of Pomegranate-Peel Extract in Mice Suffering from Experimental Autoimmune Encephalomyelitis. Molecules, 2022, 27, 914.	1.7	7
5	Restorative and pain-relieving effects of fibroin in preclinical models of tendinopathy. Biomedicine and Pharmacotherapy, 2022, 148, 112693.	2.5	3
6	Beneficial Effects of Eruca sativa Defatted Seed Meal on Visceral Pain and Intestinal Damage Resulting from Colitis in Rats. Foods, 2022, 11, 580.	1.9	4
7	Effects of Ultramicronized N-Palmitoylethanolamine Supplementation on Tramadol and Oxycodone Analgesia and Tolerance Prevention. Pharmaceutics, 2022, 14, 403.	2.0	4
8	Naturally occurring glucosinolates and isothiocyanates as a weapon against chronic pain: potentials and limits. Phytochemistry Reviews, 2022, 21, 647-665.	3.1	6
9	Development of EudragitÂ® Nanoparticles for Intranasal Drug Delivery: Preliminary Technological and Toxicological Evaluation. Applied Sciences (Switzerland), 2022, 12, 2373.	1.3	7
10	Anti-inflammatory Effects of Novel P2X4 Receptor Antagonists, NC-2600 and NP-1815-PX, in a Murine Model of Colitis. Inflammation, 2022, 45, 1829-1847.	1.7	11
11	Therapeutic Potential of Highly Selective A3 Adenosine Receptor Ligands in the Central and Peripheral Nervous System. Molecules, 2022, 27, 1890.	1.7	7
12	Anti-Inflammatory Effects Induced by a Polyphenolic Granular Complex from Olive (Olea europaea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 MIA-Induced Osteoarthritis. Nutrients, 2022, 14, 1487.	1.7	2
13	Neuronal alarmin IL-1Î± evokes astrocyte-mediated protective signals: Effectiveness in chemotherapy-induced neuropathic pain. Neurobiology of Disease, 2022, 168, 105716.	2.1	5
14	New Perspectives in the Pathophysiology and Treatment of Pain in Patients with Dry Eye Disease. Journal of Clinical Medicine, 2022, 11, 108.	1.0	8
15	Escinosomes: Safe and Successful Nanovesicles to Deliver Andrographolide by a Subcutaneous Route in a Mice Model of Oxaliplatin-Induced Neuropathy. Pharmaceutics, 2022, 14, 493.	2.0	2
16	Cardiovascular benefits of Eruca sativa mill. Defatted seed meal extract: Potential role of hydrogen sulfide. Phytotherapy Research, 2022, 36, 2616-2627.	2.8	13
17	New Panx-1 Blockers: Synthesis, Biological Evaluation and Molecular Dynamic Studies. International Journal of Molecular Sciences, 2022, 23, 4827.	1.8	6
18	The Protection of Zinc against Acute Cadmium Exposure: A Morphological and Molecular Study on a BBB In Vitro Model. Cells, 2022, 11, 1646.	1.8	4

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19	Beneficial Effect of H2S-Releasing Molecules in an In Vitro Model of Sarcopenia: Relevance of Glucoraphanin. International Journal of Molecular Sciences, 2022, 23, 5955.	1.8	7
20	Inhibitors of Mitochondrial Human Carbonic Anhydrases VA and VB as a Therapeutic Strategy against Paclitaxel-Induced Neuropathic Pain in Mice. International Journal of Molecular Sciences, 2022, 23, 6229.	1.8	8
21	Design, Synthesis, and Biological Activity of New CB2 Receptor Ligands: from Orthosteric and Allosteric Modulators to Dualsteric/Bitopic Ligands. Journal of Medicinal Chemistry, 2022, 65, 9918-9938.	2.9	15
22	<scp>Eruca sativa Mill</scp>. <scp>seed extract promotes antiâ€obesity and hypoglycemic effects in mice fed with</scp> a <scp>highâ€fat diet</scp>. Phytotherapy Research, 2021, 35, 1983-1990.	2.8	15
23	Therapeutic potential for coxibs-nitric oxide releasing hybrids in cystic fibrosis. European Journal of Medicinal Chemistry, 2021, 210, 112983.	2.6	4
24	Efficacy of Posidonia oceanica Extract against Inflammatory Pain: In Vivo Studies in Mice. Marine Drugs, 2021, 19, 48.	2.2	9
25	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. Frontiers in Pharmacology, 2021, 12, 607572.	1.6	6
26	Adenosine A3 agonists reverse neuropathic pain via T cellâ€“mediated production of IL-10. Journal of Clinical Investigation, 2021, 131, .	3.9	44
27	Role of Carbonic Anhydrase in Cerebral Ischemia and Carbonic Anhydrase Inhibitors as Putative Protective Agents. International Journal of Molecular Sciences, 2021, 22, 5029.	1.8	10
28	Oxaliplatin-Induced Neuropathy: Genetic and Epigenetic Profile to Better Understand How to Ameliorate This Side Effect. Frontiers in Molecular Biosciences, 2021, 8, 643824.	1.6	22
29	Improvement of Butamben Anesthetic Efficacy by the Development of Deformable Liposomes Bearing the Drug as Cyclodextrin Complex. Pharmaceutics, 2021, 13, 872.	2.0	8
30	The H2S-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. Antioxidants, 2021, 10, 961.	2.2	24
31	Design and Synthesis of Novel Thiazolo[5,4-d]pyrimidine Derivatives with High Affinity for Both the Adenosine A1 and A2A Receptors, and Efficacy in Animal Models of Depression. Pharmaceuticals, 2021, 14, 657.	1.7	4
32	Pain Relieving and Neuroprotective Effects of Non-opioid Compound, DDD-028, in the Rat Model of Paclitaxel-Induced Neuropathy. Neurotherapeutics, 2021, 18, 2008-2020.	2.1	14
33	Uncovering the Mechanisms of Adenosine Receptor-Mediated Pain Control: Focus on the A3 Receptor Subtype. International Journal of Molecular Sciences, 2021, 22, 7952.	1.8	18
34	Tellurides bearing benzensulfonamide as carbonic anhydrase inhibitors with potent antitumor activity. Bioorganic and Medicinal Chemistry Letters, 2021, 45, 128147.	1.0	7
35	The Anti-Arthritic Efficacy of Khellin Loaded in Ascorbyl Decanoate Nanovesicles after an Intra-Articular Administration. Pharmaceutics, 2021, 13, 1275.	2.0	6
36	Lipid Cubic Mesophases Combined with Superparamagnetic Iron Oxide Nanoparticles: A Hybrid Multifunctional Platform with Tunable Magnetic Properties for Nanomedical Applications. International Journal of Molecular Sciences, 2021, 22, 9268.	1.8	11

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37	Carbonic Anhydrase IV Selective Inhibitors Counteract the Development of Colitis-Associated Visceral Pain in Rats. Cells, 2021, 10, 2540.	1.8	3
38	N-Acylethanolamine Acid Amidase Inhibition Potentiates Morphine Analgesia and Delays the Development of Tolerance. Neurotherapeutics, 2021, 18, 2722-2736.	2.1	7
39	Design and synthesis of the first indole-based blockers of Panx-1 channel. European Journal of Medicinal Chemistry, 2021, 223, 113650.	2.6	8
40	Chalcogenides-incorporating carbonic anhydrase inhibitors concomitantly reverted oxaliplatin-induced neuropathy and enhanced antiproliferative action. European Journal of Medicinal Chemistry, 2021, 225, 113793.	2.6	23
41	Protective effects of carbonic anhydrase inhibition in brain ischaemia in vitro and in vivo models. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 964-976.	2.5	10
42	VEGF-A/VEGFR-1 signalling and chemotherapy-induced neuropathic pain: therapeutic potential of a novel anti-VEGFR-1 monoclonal antibody. Journal of Experimental and Clinical Cancer Research, 2021, 40, 320.	3.5	23
43	The Histamine H4 Receptor Participates in the Anti-Neuropathic Effect of the Adenosine A3 Receptor Agonist IB-MECA: Role of CD4+ T Cells. Biomolecules, 2021, 11, 1447.	1.8	6
44	Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis. Molecules, 2021, 26, 6583.	1.7	5
45	Glyco-Coated CdSe/ZnS Quantum Dots as Nanoprobes for Carbonic Anhydrase IX Imaging in Cancer Cells. ACS Applied Nano Materials, 2021, 4, 14153-14160.	2.4	11
46	Role of Enteric Glia as Bridging Element between Gut Inflammation and Visceral Pain Consolidation during Acute Colitis in Rats. Biomedicines, 2021, 9, 1671.	1.4	13
47	Precision Medicine in Alzheimerâ€™s Disease: Investigating Comorbid Common Biological Substrates in the Rat Model of Amyloid Beta-Induced Toxicity. Frontiers in Pharmacology, 2021, 12, 799561.	1.6	7
48	Pharmacological Activities of Extracts and Compounds Isolated from Mediterranean Sponge Sources. Pharmaceuticals, 2021, 14, 1329.	1.7	6
49	Efficacy Evaluation of Plant Products in the Treatment of Erectile Dysfunction Related to Diabetes. Nutrients, 2021, 13, 4520.	1.7	1
50	Erucin exhibits vasorelaxing effects and antihypertensive activity by H₂Sâ€•releasing properties. British Journal of Pharmacology, 2020, 177, 824-835.	2.7	50
51	Bioisosteric Development of Multitarget Nonsteroidal Anti-Inflammatory Drugâ€“Carbonic Anhydrases Inhibitor Hybrids for the Management of Rheumatoid Arthritis. Journal of Medicinal Chemistry, 2020, 63, 2325-2342.	2.9	26
52	Researching New Therapeutic Approaches for Abdominal Visceral Pain Treatment: Preclinical Effects of an Assembled System of Molecules of Vegetal Origin. Nutrients, 2020, 12, 22.	1.7	16
53	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. European Journal of Medicinal Chemistry, 2020, 208, 112858.	2.6	12
54	Intranasal Low-Dose Naltrexone Against Opioid Side Effects: A Preclinical Study. Frontiers in Pharmacology, 2020, 11, 576624.	1.6	7

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55	(E)-3-Furan-2-yl-N-p-tolyl-acrylamide and its Derivative DM489 Decrease Neuropathic Pain in Mice Predominantly by Î±7 Nicotinic Acetylcholine Receptor Potentiation. ACS Chemical Neuroscience, 2020, 11, 3603-3614.	1.7	16
56	The active second-generation proteasome inhibitor oprozomib reverts the oxaliplatin-induced neuropathy symptoms. Biochemical Pharmacology, 2020, 182, 114255.	2.0	10
57	Pain Modulation in WAG/Rij Epileptic Rats (A Genetic Model of Absence Epilepsy): Effects of Biological and Pharmacological Histone Deacetylase Inhibitors. Frontiers in Pharmacology, 2020, 11, 549191.	1.6	13
58	Development of a stable oral pediatric solution of hydrochlorothiazide by the combined use of cyclodextrins and hydrophilic polymers. International Journal of Pharmaceutics, 2020, 587, 119692.	2.6	8
59	Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. Cells, 2020, 9, 1772.	1.8	22
60	Acute visceral pain relief mediated by A3AR agonists in rats: involvement of N-type voltage-gated calcium channels. Pain, 2020, 161, 2179-2190.	2.0	21
61	Toxicological Profile of the Pain-Relieving Antioxidant Compound Thioctic Acid in Its Racemic and Enantiomeric Forms. Antioxidants, 2020, 9, 749.	2.2	5
62	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. Journal of Medicinal Chemistry, 2020, 63, 5185-5200.	2.9	16
63	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. European Journal of Medicinal Chemistry, 2020, 200, 112405.	2.6	4
64	Effects of the Combination of Î²-Hydroxy-Î²-Methyl Butyrate and R(+) Lipoic Acid in a Cellular Model of Sarcopenia. Molecules, 2020, 25, 2117.	1.7	4
65	The Use of the Selective Imidazoline I1 Receptor Agonist Carbophenyline as a Strategy for Neuropathic Pain Relief: Preclinical Evaluation in a Mouse Model of Oxaliplatin-Induced Neurotoxicity. Neurotherapeutics, 2020, 17, 1005-1015.	2.1	11
66	Intra-Articular Route for the System of Molecules 14G1862 from Centella asiatica: Pain Relieving and Protective Effects in a Rat Model of Osteoarthritis. Nutrients, 2020, 12, 1618.	1.7	16
67	Coronaridine congeners decrease neuropathic pain in mice and inhibit Î±9Î±10 nicotinic acetylcholine receptors and CaV2.2 channels. Neuropharmacology, 2020, 175, 108194.	2.0	14
68	Treatment of Non-Alcoholic Steatosis: Preclinical Study of a New Nutraceutical Multitarget Formulation. Nutrients, 2020, 12, 1819.	1.7	2
69	Functional Selectivity and Antinociceptive Effects of a Novel KOPr Agonist. Frontiers in Pharmacology, 2020, 11, 188.	1.6	35
70	Pomegranate Mesocarp against Colitis-Induced Visceral Pain in Rats: Effects of a Decoction and Its Fractions. International Journal of Molecular Sciences, 2020, 21, 4304.	1.8	21
71	The Anti-Inflammatory and Pain-Relieving Effects of AR170, an Adenosine A3 Receptor Agonist, in a Rat Model of Colitis. Cells, 2020, 9, 1509.	1.8	13
72	Î²-Sitosterol Loaded Nanostructured Lipid Carrier: Physical and Oxidative Stability, In Vitro Simulated Digestion and Hypocholesterolemic Activity. Pharmaceutics, 2020, 12, 386.	2.0	13

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73	Bacopa monnieri as augmentation therapy in the treatment of anhedonia, preclinical and clinical evaluation. Phytotherapy Research, 2020, 34, 2331-2340.	2.8	17
74	Novel formyl peptide receptor (FPR) agonists with pyridinone and pyrimidindione scaffolds that are potentially useful for the treatment of rheumatoid arthritis. Bioorganic Chemistry, 2020, 100, 103880.	2.0	17
75	Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. Proceedings (mdpi), 2020, 78, .	0.2	1
76	Identification of the First Synthetic Allosteric Modulator of the CB₂ Receptors and Evidence of Its Efficacy for Neuropathic Pain Relief. Journal of Medicinal Chemistry, 2019, 62, 276-287.	2.9	47
77	Synthesis of novel tellurides bearing benzensulfonamide moiety as carbonic anhydrase inhibitors with antitumor activity. European Journal of Medicinal Chemistry, 2019, 181, 111586.	2.6	25
78	Phaseolus vulgaris L. Extract: Alpha-Amylase Inhibition against Metabolic Syndrome in Mice. Nutrients, 2019, 11, 1778.	1.7	24
79	Modifications on the Amino-3,5-dicyanopyridine Core To Obtain Multifaceted Adenosine Receptor Ligands with Antineuropathic Activity. Journal of Medicinal Chemistry, 2019, 62, 6894-6912.	2.9	16
80	Synthesis and Evaluation of Carbonic Anhydrase Inhibitors with Carbon Monoxide Releasing Properties for the Management of Rheumatoid Arthritis. Journal of Medicinal Chemistry, 2019, 62, 7233-7249.	2.9	39
81	Effect of NIR laser therapy by MLS-MiS source against neuropathic pain in rats: in vivo and ex vivo analysis. Scientific Reports, 2019, 9, 9297.	1.6	13
82	Spirocyclic sulfonamides with carbonic anhydrase inhibitory and anti-neuropathic pain activity. Bioorganic Chemistry, 2019, 92, 103210.	2.0	11
83	Nanostructured lipid carriers for oral delivery of silymarin: Improving its absorption and in vivo efficacy in type 2 diabetes and metabolic syndrome model. International Journal of Pharmaceutics, 2019, 572, 118838.	2.6	31
84	Antioxidant-Conjugated 1,2,4-Triazolo[4,3-a]pyrazin-3-one Derivatives: Highly Potent and Selective Human A_{2A} Adenosine Receptor Antagonists Possessing Protective Efficacy in Neuropathic Pain. Journal of Medicinal Chemistry, 2019, 62, 8511-8531.	2.9	15
85	Protective Effects Induced by Two Polyphenolic Liquid Complexes from Olive (Olea europaea, mainly) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	20
86	Eruca sativa Meal against Diabetic Neuropathic Pain: An H2S-Mediated Effect of Glucoerucin. Molecules, 2019, 24, 3006.	1.7	22
87	Synthesis, biological evaluation and molecular modeling of novel selective COX-2 inhibitors: sulfide, sulfoxide, and sulfone derivatives of 1,5-diarylpyrrol-3-substituted scaffold. Bioorganic and Medicinal Chemistry, 2019, 27, 115045.	1.4	21
88	Intestinal inflammation increases convulsant activity and reduces antiepileptic drug efficacy in a mouse model of epilepsy. Scientific Reports, 2019, 9, 13983.	1.6	51
89	New Rigid Nicotine Analogues, Carrying a Norbornane Moiety, Are Potent Agonists of Î±7 and Î±3* Nicotinic Receptors. Journal of Medicinal Chemistry, 2019, 62, 1887-1901.	2.9	6
90	N-aryl-Nâ€™-ureido-O-sulfamates: Potent and selective inhibitors of the human Carbonic Anhydrase VII isoform with neuropathic pain relieving properties. Bioorganic Chemistry, 2019, 89, 103033.	2.0	15

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91	Benzensulfonamides bearing spyrohydantoin moieties act as potent inhibitors of human carbonic anhydrases II and VII and show neuropathic pain attenuating effects. European Journal of Medicinal Chemistry, 2019, 177, 188-197.	2.6	25
92	Pain Relieving Effect of-NSAIDs-CAIs Hybrid Molecules: Systemic and Intra-Articular Treatments against Rheumatoid Arthritis. International Journal of Molecular Sciences, 2019, 20, 1923.	1.8	25
93	Blueberry juice protects osteocytes and bone precursor cells against oxidative stress partly through <scp>SIRT</scp>1. FEBS Open Bio, 2019, 9, 1082-1096.	1.0	18
94	Novel 8-amino-1,2,4-triazolo[4,3-a]pyrazin-3-one derivatives as potent human adenosine A1 and A2A receptor antagonists. Evaluation of their protective effect against Î²-amyloid-induced neurotoxicity in SH-SY5Y cells. Bioorganic Chemistry, 2019, 87, 380-394.	2.0	14
95	Intra-articular mucilages: behavioural and histological evaluations for a new model of articular pain. Journal of Pharmacy and Pharmacology, 2019, 71, 971-981.	1.2	14
96	Cannabidiol Protects Dopaminergic Neuronal Cells from Cadmium. International Journal of Environmental Research and Public Health, 2019, 16, 4420.	1.2	30
97	Adenosine A3 receptor activation inhibits pronociceptive N-type Ca2+ currents and cell excitability in dorsal root ganglion neurons. Pain, 2019, 160, 1103-1118.	2.0	43
98	Effects of Cadmium on ZO-1 Tight Junction Integrity of the Blood Brain Barrier. International Journal of Molecular Sciences, 2019, 20, 6010.	1.8	55
99	Anticancer properties of erucin, an H₂Sâ€releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPCâ€1). Phytotherapy Research, 2019, 33, 845-855.	2.8	61
100	Mesenchymal stem cells, implications for pain therapy. Neural Regeneration Research, 2019, 14, 1915.	1.6	9
101	Selenium and zinc: Two key players against cadmium-induced neuronal toxicity. Toxicology in Vitro, 2018, 48, 159-169.	1.1	64
102	Design, Synthesis, and X-ray of Selenides as New Class of Agents for Prevention of Diabetic Cerebrovascular Pathology. ACS Medicinal Chemistry Letters, 2018, 9, 462-467.	1.3	20
103	Involvement of the N/OFQ-NOP system in rat morphine antinociceptive tolerance: Are astrocytes the crossroad?. European Journal of Pharmacology, 2018, 823, 79-86.	1.7	7
104	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. European Journal of Medicinal Chemistry, 2018, 146, 47-59.	2.6	45
105	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1340-1354.	2.9	43
106	Histamine-deficient mice do not respond to the antidepressant-like effects of oleoylethanolamide. Neuropharmacology, 2018, 135, 234-241.	2.0	16
107	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. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 671-679.	2.5	21
108	Adipose-derived stem cells decrease pain in a rat model of oxaliplatin-induced neuropathy: Role of VEGF-A modulation. Neuropharmacology, 2018, 131, 166-175.	2.0	33

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109	Oxaliplatin-induced blood brain barrier loosening: a new point of view on chemotherapy-induced neurotoxicity. Oncotarget, 2018, 9, 23426-23438.	0.8	52
110	Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. Frontiers in Pharmacology, 2018, 9, 1252.	1.6	40
111	Design, characterization and in vivo evaluation of nanostructured lipid carriers (NLC) as a new drug delivery system for hydrochlorothiazide oral administration in pediatric therapy. Drug Delivery, 2018, 25, 1910-1921.	2.5	86
112	4-Hydroxy-3-nitro-5-ureido-benzenesulfonamides Selectively Target the Tumor-Associated Carbonic Anhydrase Isoforms IX and XII Showing Hypoxia-Enhanced Antiproliferative Profiles. Journal of Medicinal Chemistry, 2018, 61, 10860-10874.	2.9	48
113	Combined Approach of Cyclodextrin Complexationand Nanostructured Lipid Carriers for the Development of a Pediatric Liquid Oral Dosage Form of Hydrochlorothiazide. Pharmaceutics, 2018, 10, 287.	2.0	17
114	Efficacy of isothiocyanate-based compounds on different forms of persistent pain. Journal of Pain Research, 2018, Volume 11, 2905-2913.	0.8	19
115	Interaction of Half Oxa-/Half cis-Platin Complex with Human Superoxide Dismutase and Induced Reduction of Neurotoxicity. ACS Medicinal Chemistry Letters, 2018, 9, 1094-1098.	1.3	2
116	Effect of Vitis vinifera hydroalcoholic extract against oxaliplatin neurotoxicity: in vitro and in vivo evidence. Scientific Reports, 2018, 8, 14364.	1.6	17
117	Discovery of new 2, 5-disubstituted 1,3-selenazoles as selective human carbonic anhydrase IX inhibitors with potent anti-tumor activity. European Journal of Medicinal Chemistry, 2018, 157, 1214-1222.	2.6	32
118	Heterocoumarins Are Selective Carbonic Anhydrase IX and XII Inhibitors with Cytotoxic Effects against Cancer Cells Lines. ACS Medicinal Chemistry Letters, 2018, 9, 947-951.	1.3	39
119	Improving the therapeutic efficacy of prilocaine by PLGA microparticles: Preparation, characterization and in vivo evaluation. International Journal of Pharmaceutics, 2018, 547, 24-30.	2.6	24
120	Design, synthesis and X-ray crystallography of selenides bearing benzenesulfonamide moiety with neuropathic pain modulating effects. European Journal of Medicinal Chemistry, 2018, 154, 210-219.	2.6	39
121	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. ChemMedChem, 2018, 13, 2090-2103.	1.6	19
122	Ultramicronized N-Palmitoylethanolamine Supplementation for Long-Lasting, Low-Dosed Morphine Antinociception. Frontiers in Pharmacology, 2018, 9, 473.	1.6	14
123	Effect of glucoraphanin and sulforaphane against chemotherapyâ€induced neuropathic pain: Kv7 potassium channels modulation by H₂S release in vivo. Phytotherapy Research, 2018, 32, 2226-2234.	2.8	61
124	Tanshinones from Salvia miltiorrhiza Bunge revert chemotherapy-induced neuropathic pain and reduce glioblastoma cells malignancy. Biomedicine and Pharmacotherapy, 2018, 105, 1042-1049.	2.5	43
125	Discovery of Novel Nonsteroidal Anti-Inflammatory Drugs and Carbonic Anhydrase Inhibitors Hybrids (NSAIDsâ€“CAIs) for the Management of Rheumatoid Arthritis. Journal of Medicinal Chemistry, 2018, 61, 4961-4977.	2.9	53
126	Treatment with acetyl-L-carnitine exerts a neuroprotective effect in the sciatic nerve following loose ligation: a functional and microanatomical study. Neural Regeneration Research, 2018, 13, 692.	1.6	14

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127	St. Johnâ€™s Wort Potentiates anti-Nociceptive Effects of Morphine in Mice Models of Neuropathic Pain. Pain Medicine, 2017, 18, pnw241.	0.9	10
128	Liposomal Formulation to Increase Stability and Prolong Antineuropathic Activity of Verbascoside. Planta Medica, 2017, 83, 412-419.	0.7	34
129	Apoptotic Process Induced by Oxaliplatin in Rat Hippocampus Causes Memory Impairment. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 14-21.	1.2	9
130	Design and Synthesis of Novel Nonsteroidal Anti-Inflammatory Drugs and Carbonic Anhydrase Inhibitors Hybrids (NSAIDsâ€“CAIs) for the Treatment of Rheumatoid Arthritis. Journal of Medicinal Chemistry, 2017, 60, 1159-1170.	2.9	104
131	HuD-mediated distinct BDNF regulatory pathways promote regeneration after nerve injury. Brain Research, 2017, 1659, 55-63.	1.1	34
132	Inhibition of Î±9Î±10 nicotinic acetylcholine receptors prevents chemotherapy-induced neuropathic pain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1825-E1832.	3.3	135
133	Spinal astrocytic c-Jun N-terminal kinase (JNK) activation as counteracting mechanism to the amitriptyline analgesic efficacy in painful peripheral neuropathies. European Journal of Pharmacology, 2017, 798, 85-93.	1.7	8
134	Piperazines as nootropic agents: New derivatives of the potent cognition-enhancer DM235 carrying hydrophilic substituents. Bioorganic and Medicinal Chemistry, 2017, 25, 1795-1803.	1.4	7
135	Synthesis and pharmacological evaluation of pyrazolo[1,5-a]pyrimidin-7(4H)-one derivatives as potential GABAA-R ligands. Bioorganic and Medicinal Chemistry, 2017, 25, 1901-1906.	1.4	16
136	Effects of Hypericum perforatum extract on oxaliplatin-induced neurotoxicity: in vitro evaluations. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2017, 72, 219-226.	0.6	11
137	Development and in vivo evaluation of an innovative â€œHydrochlorothiazide-in Cyclodextrins-in Solid Lipid Nanoparticlesâ€•formulation with sustained release and enhanced oral bioavailability for potential hypertension treatment in pediatrics. International Journal of Pharmaceutics, 2017, 521, 73-83.	2.6	50
138	Synthesis and Pharmacological Evaluation of Novel GABA_A Subtype Receptor Ligands with Potential Anxiolyticâ€like and Antiâ€hyperalgesic Effect. Journal of Heterocyclic Chemistry, 2017, 54, 2788-2799.	1.4	7
139	Effects of natural and synthetic isothiocyanate-based H 2 S-releasers against chemotherapy-induced neuropathic pain: Role of Kv7 potassium channels. Neuropharmacology, 2017, 121, 49-59.	2.0	90
140	Behavioural phenotype of histamine H4 receptor knockout mice: Focus on central neuronal functions. Neuropharmacology, 2017, 114, 48-57.	2.0	45
141	Development and characterization of fast dissolving tablets of oxaprozin based on hybrid systems of the drug with cyclodextrins and nanoclays. International Journal of Pharmaceutics, 2017, 531, 640-649.	2.6	12
142	Synergic stimulation of serotonin 5-HT1A receptor and Î±2-adrenoceptors for neuropathic pain relief: Preclinical effects of 2-substituted imidazoline derivatives. European Journal of Pharmacology, 2017, 810, 128-133.	1.7	16
143	Synthesis and Biological Evaluation of Novel Neuroprotective Pyridazine Derivatives as Excitatory Amino Acid Transporter 2 (EAAT2) Activators. Journal of Medicinal Chemistry, 2017, 60, 5216-5221.	2.9	15
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