Lorenzo Di-Cesare Mannelli

List of Publications by Year
in descending order

251 papers	6,997 citations	53660 45 h-index	106150 65 g-index

258 all docs	258 docs citations	258 times ranked	8505 citing authors

#	Article	IF	Citations
1	A Smart Platform for Hyperthermia Application in Cancer Treatment: Cobalt-Doped Ferrite Nanoparticles Mineralized in Human Ferritin Cages. ACS Nano, 2014, 8, 4705-4719.	7.3	180
2	Oxaliplatin-Induced Neuropathy: Oxidative Stress as Pathological Mechanism. Protective Effect of Silibinin. Journal of Pain, 2012, 13, 276-284.	0.7	152
3	Morphologic Features and Glial Activation in Rat Oxaliplatin-Dependent Neuropathic Pain. Journal of Pain, 2013, 14, 1585-1600.	0.7	150
4	Glial role in oxaliplatin-induced neuropathic pain. Experimental Neurology, 2014, 261, 22-33.	2.0	135
5	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
6	Faecal microbiota transplant from aged donor mice affects spatial learning and memory via modulating hippocampal synaptic plasticity- and neurotransmission-related proteins in young recipients. Microbiome, 2020, 8, 140.	4.9	134
7	A class of sulfonamide carbonic anhydrase inhibitors with neuropathic pain modulating effects. Bioorganic and Medicinal Chemistry, 2015, 23, 1828-1840.	1.4	126
8	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
9	Palmitoylethanolamide Is a Disease-Modifying Agent in Peripheral Neuropathy: Pain Relief and Neuroprotection Share a PPAR-Alpha-Mediated Mechanism. Mediators of Inflammation, 2013, 2013, 1-12.	1.4	102
10	Î±-Conotoxin RgIA protects against the development of nerve injury-induced chronic pain and prevents both neuronal and glial derangement. Pain, 2014, 155, 1986-1995.	2.0	100
11	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
12	Carbonic anhydrase inhibition for the management of cerebral ischemia:in vivoevaluation of sulfonamide and coumarin inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 894-899.	2.5	88
13	Oxaliplatin-induced oxidative stress in nervous system-derived cellular models: Could it correlate with in vivo neuropathy?. Free Radical Biology and Medicine, 2013, 61, 143-150.	1.3	87
14	6-Substituted Sulfocoumarins Are Selective Carbonic Anhdydrase IX and XII Inhibitors with Significant Cytotoxicity against Colorectal Cancer Cells. Journal of Medicinal Chemistry, 2015, 58, 3975-3983.	2.9	87
15	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
16	Antineuropathic Profile of N-Palmitoylethanolamine in a Rat Model of Oxaliplatin-Induced Neurotoxicity. PLoS ONE, 2015, 10, e0128080.	1.1	81
17	Involvement of Î±7 nAChR subtype in rat oxaliplatin-induced neuropathy: Effects of selective activation. Neuropharmacology, 2014, 79, 37-48.	2.0	75
18	A class of pyrrole derivatives endowed with analgesic/anti-inflammatory activity. Bioorganic and Medicinal Chemistry, 2013, 21, 3695-3701.	1.4	74

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19	The pharmacological basis of opioids. Clinical Cases in Mineral and Bone Metabolism, 2015, 12, 219-21.	1.0	74
20	The novel H 2 S-donor 4-carboxyphenyl isothiocyanate promotes cardioprotective effects against ischemia/reperfusion injury through activation of mitoK ATP channels and reduction of oxidative stress. Pharmacological Research, 2016, 113, 290-299.	3.1	71
21	Development and Pharmacological Characterization of Selective Blockers of 2-Arachidonoyl Glycerol Degradation with Efficacy in Rodent Models of Multiple Sclerosis and Pain. Journal of Medicinal Chemistry, 2016, 59, 2612-2632.	2.9	70
22	The Î±9Î±10 nicotinic receptor antagonist Î±-conotoxin RgIA prevents neuropathic pain induced by oxaliplatin treatment. Experimental Neurology, 2016, 282, 37-48.	2.0	65
23	Selenium and zinc: Two key players against cadmium-induced neuronal toxicity. Toxicology in Vitro, 2018, 48, 159-169.	1.1	64
24	Discovery of New Selenoureido Analogues of 4-(4-Fluorophenylureido)benzenesulfonamide as Carbonic Anhydrase Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 963-968.	1.3	62
25	Discovery of New Sulfonamide Carbonic Anhydrase IX Inhibitors Incorporating Nitrogenous Bases. ACS Medicinal Chemistry Letters, 2017, 8, 1314-1319.	1.3	61
26	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
27	Anticancer properties of erucin, an H₂Sâ€releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPCâ€1). Phytotherapy Research, 2019, 33, 845-855.	2.8	61
28	Oxaliplatin Neurotoxicity Involves Peroxisome Alterations. PPARÎ³ Agonism as Preventive Pharmacological Approach. PLoS ONE, 2014, 9, e102758.	1.1	59
29	A TRPA1 antagonist reverts oxaliplatin-induced neuropathic pain. Scientific Reports, 2013, 3, 2005.	1.6	58
30	Oxaliplatin evokes P2X7-dependent glutamate release in the cerebral cortex: A pain mechanism mediated by Pannexin 1. Neuropharmacology, 2015, 97, 133-141.	2.0	56
31	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
32	Local Anaesthetic Activity of (+)- and (-)-Menthol. Planta Medica, 2001, 67, 174-176.	0.7	54
33	Protective effect of acetylâ€<scp>l</scp>â€carnitine on the apoptotic pathway of peripheral neuropathy. European Journal of Neuroscience, 2007, 26, 820-827.	1.2	54
34	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
35	Analgesic and Antineuropathic Drugs Acting Through Central Cholinergic Mechanisms. Recent Patents on CNS Drug Discovery, 2011, 6, 119-140.	0.9	52
36	Oxaliplatin-induced blood brain barrier loosening: a new point of view on chemotherapy-induced neurotoxicity. Oncotarget, 2018, 9, 23426-23438.	0.8	52

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37	The Citrus Flavonoid Naringenin Protects the Myocardium from Ageing-Dependent Dysfunction: Potential Role of SIRT1. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	52
38	Intestinal inflammation increases convulsant activity and reduces antiepileptic drug efficacy in a mouse model of epilepsy. Scientific Reports, 2019, 9, 13983.	1.6	51
39	Protective effect of alpha7 nAChR: Behavioural and morphological features on neuropathy. Pain, 2010, 150, 542-549.	2.0	50
40	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
41	Erucin exhibits vasorelaxing effects and antihypertensive activity by H₂Sâ€releasing properties. British Journal of Pharmacology, 2020, 177, 824-835.	2.7	50
42	Low dose native type II collagen prevents pain in a rat osteoarthritis model. BMC Musculoskeletal Disorders, 2013, 14, 228.	0.8	49
43	Therapeutic Effects of the Superoxide Dismutase Mimetic Compound Me₂DO2A on Experimental Articular Pain in Rats. Mediators of Inflammation, 2013, 2013, 1-11.	1.4	49
44	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
45	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
46	Neuroprotective effects of acetylâ€<scp>L</scp>â€carnitine on neuropathic pain and apoptosis: A role for the nicotinic receptor. Journal of Neuroscience Research, 2009, 87, 200-207.	1.3	45
47	New Insight into the Central Benzodiazepine Receptorâ€“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. Journal of Medicinal Chemistry, 2011, 54, 5694-5711.	2.9	45
48	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
49	Adenosine A3 agonists reverse neuropathic pain via T cellâ€“mediated production of IL-10. Journal of Clinical Investigation, 2021, 131, .	3.9	44
50	Novel Analgesic/Anti-Inflammatory Agents: 1,5-Diarylpyrrole Nitrooxyalkyl Ethers and Related Compounds as Cyclooxygenase-2 Inhibiting Nitric Oxide Donors. Journal of Medicinal Chemistry, 2013, 56, 3191-3206.	2.9	43
51	Calcium alginate microspheres containing metformin hydrochloride niosomes and chitosomes aimed for oral therapy of type 2 diabetes mellitus. International Journal of Pharmaceutics, 2017, 530, 430-439.	2.6	43
52	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
53	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
54	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

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55	Novel Analgesic/Anti-Inflammatory Agents: Diarylpyrrole Acetic Esters Endowed with Nitric Oxide Releasing Properties. Journal of Medicinal Chemistry, 2011, 54, 7759-7771.	2.9	42
56	A Novel Manganese Complex Effective as Superoxide Anion Scavenger and Therapeutic Agent against Cell and Tissue Oxidative Injury. Journal of Medicinal Chemistry, 2009, 52, 7273-7283.	2.9	41
57	Serotonergic modulation in neuropathy induced by oxaliplatin: Effect on the 5HT2C receptor. European Journal of Pharmacology, 2014, 735, 141-149.	1.7	40
58	Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. Frontiers in Pharmacology, 2018, 9, 1252.	1.6	40
59	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
60	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
61	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
62	Acetyl-l-carnitine increases artemin level and prevents neurotrophic factor alterations during neuropathy. Neuroscience, 2010, 167, 1168-1174.	1.1	38
63	Delay of Morphine Tolerance by Palmitoylethanolamide. BioMed Research International, 2015, 2015, 1-12.	0.9	35
64	Functional Selectivity and Antinociceptive Effects of a Novel KOPr Agonist. Frontiers in Pharmacology, 2020, 11, 188.	1.6	35
65	The neuropathy-protective agent acetyl-l-carnitine activates protein kinase C-Î³ and MAPKs in a rat model of neuropathic pain. Neuroscience, 2010, 165, 1345-1352.	1.1	34
66	Prophylactic versus Therapeutic Fingolimod: Restoration of Presynaptic Defects in Mice Suffering from Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2017, 12, e0170825.	1.1	34
67	Effect of the SOD mimetic MnL4 on in vitro and in vivo oxaliplatin toxicity: Possible aid in chemotherapy induced neuropathy. Free Radical Biology and Medicine, 2016, 93, 67-76.	1.3	33
68	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
69	Acute effect of Capparis spinosa root extracts on rat articular pain. Journal of Ethnopharmacology, 2016, 193, 456-465.	2.0	32
70	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
71	Î±₂ Adrenoceptor: a Target for Neuropathic Pain Treatment. Mini-Reviews in Medicinal Chemistry, 2016, 17, 95-107.	1.1	32
72	Aminopyrrolic Synthetic Receptors for Monosaccharides: A Class of Carbohydrateâ€Binding Agents Endowed with Antibiotic Activity versus Pathogenic Yeasts. Chemistry - A European Journal, 2012, 18, 5064-5072.	1.7	31

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73	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
74	Atomoxetine for hoarding disorder: A pre-clinical and clinical investigation. Journal of Psychiatric Research, 2016, 83, 240-248.	1.5	30
75	Cannabidiol Protects Dopaminergic Neuronal Cells from Cadmium. International Journal of Environmental Research and Public Health, 2019, 16, 4420.	1.2	30
76	Pain relieving and protective effects of Astragalus hydroalcoholic extract in rat arthritis models. Journal of Pharmacy and Pharmacology, 2017, 69, 1858-1870.	1.2	29
77	Brain Activity of Thioctic Acid Enantiomers: In Vitro and in Vivo Studies in an Animal Model of Cerebrovascular Injury. International Journal of Molecular Sciences, 2013, 14, 4580-4595.	1.8	28
78	Oxidative, Metabolic, and Apoptotic Responses of Schwann Cells to High Glucose Levels. Journal of Biochemical and Molecular Toxicology, 2015, 29, 274-279.	1.4	27
79	In Vitro Evidence for the Use of Astragali Radix Extracts as Adjuvant against Oxaliplatin-Induced Neurotoxicity. Planta Medica, 2015, 81, 1045-1055.	0.7	27
80	Synthesis and biological evaluation of fluorinated 1,5-diarylpyrrole-3-alkoxyethyl ether derivatives as selective COX-2 inhibitors endowed with anti-inflammatory activity. European Journal of Medicinal Chemistry, 2016, 109, 99-106.	2.6	27
81	Synthesis of novel cognition enhancers with pyrazolo[5,1- c][1,2,4]benzotriazine core acting at Ĩ³-aminobutyric acid type A (GABA A) receptor. Bioorganic and Medicinal Chemistry, 2013, 21, 2186-2198.	1.4	26
82	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
83	Characterisation of the Novel Mixed Mu-NOP Peptide Ligand Dermorphin-N/OFQ (DeNo). PLoS ONE, 2016, 11, e0156897.	1.1	26
84	Antidepressant-like effect of artemin in mice: a mechanism for acetyl-l-carnitine activity on depression. Psychopharmacology, 2011, 218, 347-356.	1.5	25
85	Enhancing the pharmacodynamic profile of a class of selective COX-2 inhibiting nitric oxide donors. Bioorganic and Medicinal Chemistry, 2014, 22, 772-786.	1.4	25
86	A rat model of FOLFOX-induced neuropathy: effects of oral dimiracetam in comparison with duloxetine and pregabalin. Cancer Chemotherapy and Pharmacology, 2017, 80, 1091-1103.	1.1	25
87	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
88	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
89	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
90	Synthesis and Structureâ€“Activity Relationship Studies in Translocator Protein Ligands Based on a Pyrazolo[3,4-b]quinoline Scaffold. Journal of Medicinal Chemistry, 2011, 54, 7165-7175.	2.9	24

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91	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. Journal of Medicinal Chemistry, 2013, 56, 2256-2269.	2.9	24
92	Anti-neuropathic effects of Rosmarinus officinalis L. terpenoid fraction: relevance of nicotinic receptors. Scientific Reports, 2016, 6, 34832.	1.6	24
93	3-Hydroxy-1H-quinazoline-2,4-dione as a New Scaffold To Develop Potent and Selective Inhibitors of the Tumor-Associated Carbonic Anhydrases IX and XII. Journal of Medicinal Chemistry, 2017, 60, 6428-6439.	2.9	24
94	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
95	Phaseolus vulgaris L. Extract: Alpha-Amylase Inhibition against Metabolic Syndrome in Mice. Nutrients, 2019, 11, 1778.	1.7	24
96	The H2S-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. Antioxidants, 2021, 10, 961.	2.2	24
97	Î±7 Nicotinic Receptor Promotes the Neuroprotective Functions of Astrocytes against Oxaliplatin Neurotoxicity. Neural Plasticity, 2015, 2015, 1-10.	1.0	23
98	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
99	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
100	Eruca sativa Meal against Diabetic Neuropathic Pain: An H2S-Mediated Effect of Glucoerucin. Molecules, 2019, 24, 3006.	1.7	22
101	Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. Cells, 2020, 9, 1772.	1.8	22
102	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
103	Neuroprotective Activity of Thioctic Acid in Central Nervous System Lesions Consequent to Peripheral Nerve Injury. BioMed Research International, 2013, 2013, 1-14.	0.9	21
104	Widespread pain reliever profile of a flower extract of Tanacetum parthenium. Phytomedicine, 2015, 22, 752-758.	2.3	21
105	Synthesis, biological evaluation and docking analysis of a new series of methylsulfonyl and sulfamoyl acetamides and ethyl acetates as potent COX-2 inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 810-820.	1.4	21
106	Intrathecal administration of nociceptin/orphanin FQ receptor agonists in rats: A strategy to relieve chemotherapy-induced neuropathic hypersensitivity. European Journal of Pharmacology, 2015, 766, 155-162.	1.7	21
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	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

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109	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
110	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
111	Relaxant Effect of a Water Soluble Carbon Monoxide-Releasing Molecule (CORM-3) on Spontaneously Hypertensive Rat Aortas. Cardiovascular Drugs and Therapy, 2012, 26, 285-292.	1.3	20
112	Different Apoptotic Pathways Activated by Oxaliplatin in Primary Astrocytes vs. Colo-Rectal Cancer Cells. International Journal of Molecular Sciences, 2015, 16, 5386-5399.	1.8	20
113	Identification of a New Pyrazolo[1,5-a]quinazoline Ligand Highly Affine to Î³-Aminobutyric Type A (GABA_A) Receptor Subtype with Anxiolytic-Like and Antihyperalgesic Activity. Journal of Medicinal Chemistry, 2017, 60, 9691-9702.	2.9	20
114	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
115	Protective Effects Induced by Two Polyphenolic Liquid Complexes from Olive (Olea europaea, mainly) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	20
116	Nicotine is a pain reliever in trauma- and chemotherapy-induced neuropathy models. European Journal of Pharmacology, 2013, 711, 87-94.	1.7	19
117	Synthesis, antiarrhythmic activity, and toxicological evaluation of mexiletine analogues. European Journal of Medicinal Chemistry, 2016, 121, 300-307.	2.6	19
118	Efficacy of isothiocyanate-based compounds on different forms of persistent pain. Journal of Pain Research, 2018, Volume 11, 2905-2913.	0.8	19
119	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. ChemMedChem, 2018, 13, 2090-2103.	1.6	19
120	The three-tails approach as a new strategy to improve selectivity of action of sulphonamide inhibitors against tumour-associated carbonic anhydrase IX and XII. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 930-939.	2.5	19
121	Development of ligands at Î³-aminobutyrric acid type A (GABAA) receptor subtype as new agents for pain relief. Bioorganic and Medicinal Chemistry, 2011, 19, 7441-7452.	1.4	18
122	Prophylactic role of acetyl-l-carnitine on knee lesions and associated pain in a rat model of osteoarthritis. Life Sciences, 2014, 106, 32-39.	2.0	18
123	Development of a chitosan-derivative micellar formulation to improve celecoxib solubility and bioavailability. Drug Development and Industrial Pharmacy, 2014, 40, 1494-1502.	0.9	18
124	Lipoic-Based TRPA1/TRPV1 Antagonist to Treat Orofacial Pain. ACS Chemical Neuroscience, 2015, 6, 380-385.	1.7	18
125	Acute and subchronic antinociceptive effects of nociceptin/orphanin FQ receptor agonists infused by intrathecal route in rats. European Journal of Pharmacology, 2015, 754, 73-81.	1.7	18
126	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

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127	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
128	Effects of the neutrophil elastase inhibitor EL-17 in rat adjuvant-induced arthritis. Rheumatology, 2016, 55, 1285-1294.	0.9	17
129	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
130	Effect of Vitis vinifera hydroalcoholic extract against oxaliplatin neurotoxicity: in vitro and in vivo evidence. Scientific Reports, 2018, 8, 14364.	1.6	17
131	Bacopa monnieri as augmentation therapy in the treatment of anhedonia, preclinical and clinical evaluation. Phytotherapy Research, 2020, 34, 2331-2340.	2.8	17
132	Visceral sensitivity modulation by faecal microbiota transplantation: the active role of gut bacteria in pain persistence. Pain, 2022, 163, 861-877.	2.0	17
133	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
134	Improving the solubility of a new class of antiinflammatory pharmacodynamic hybrids, that release nitric oxide and inhibit cycloxygenase-2 isoenzyme. European Journal of Medicinal Chemistry, 2012, 58, 287-298.	2.6	16
135	Flow Synthesis and Biological Studies of an Analgesic Adamantane Derivative That Inhibits P2X₇-Evoked Glutamate Release. ACS Medicinal Chemistry Letters, 2013, 4, 704-709.	1.3	16
136	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
137	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
138	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
139	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
140	(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
141	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
142	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
143	Alcohol-Induced Blood-Brain Barrier Impairment: An In Vitro Study. International Journal of Environmental Research and Public Health, 2021, 18, 2683.	1.2	16
144	PPAR-Î³Impairment Alters Peroxisome Functionality in Primary Astrocyte Cell Cultures. BioMed Research International, 2014, 2014, 1-11.	0.9	15

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