

Lorenzo Di-Cesare Mannelli

List of Publications by Citations

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234
papers

4,795
citations

38
h-index

54
g-index

258
ext. papers

5,960
ext. citations

5.5
avg, IF

5.66
L-index

#	Paper	IF	Citations
234	A smart platform for hyperthermia application in cancer treatment: cobalt-doped ferrite nanoparticles mineralized in human ferritin cages. <i>ACS Nano</i> , 2014 , 8, 4705-19	16.7	154
233	Oxaliplatin-induced neuropathy: oxidative stress as pathological mechanism. Protective effect of silibinin. <i>Journal of Pain</i> , 2012 , 13, 276-84	5.2	127
232	Morphologic features and glial activation in rat oxaliplatin-dependent neuropathic pain. <i>Journal of Pain</i> , 2013 , 14, 1585-600	5.2	122
231	Glial role in oxaliplatin-induced neuropathic pain. <i>Experimental Neurology</i> , 2014 , 261, 22-33	5.7	105
230	A class of sulfonamide carbonic anhydrase inhibitors with neuropathic pain modulating effects. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 1828-40	3.4	103
229	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> , 2017 , 114, E1825-E1832	11.5	100
228	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> , 2017 , 60, 1159-1170	8.3	94
227	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> , 2016 , 31, 894-9	5.6	78
226	6-Substituted sulfocoumarins are selective carbonic anhydrase IX and XII inhibitors with significant cytotoxicity against colorectal cancer cells. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3975-83	8.3	75
225	Palmitoylethanolamide is a disease-modifying agent in peripheral neuropathy: pain relief and neuroprotection share a PPAR-alpha-mediated mechanism. <i>Mediators of Inflammation</i> , 2013 , 2013, 328797	4.7	74
224	Ecotoxin RgIA protects against the development of nerve injury-induced chronic pain and prevents both neuronal and glial derangement. <i>Pain</i> , 2014 , 155, 1986-95	8	73
223	Oxaliplatin-induced oxidative stress in nervous system-derived cellular models: could it correlate with in vivo neuropathy?. <i>Free Radical Biology and Medicine</i> , 2013 , 61, 143-50	7.8	71
222	Effects of natural and synthetic isothiocyanate-based HS-releasers against chemotherapy-induced neuropathic pain: Role of Kv7 potassium channels. <i>Neuropharmacology</i> , 2017 , 121, 49-59	5.5	65
221	Involvement of $\alpha 7$ nAChR subtype in rat oxaliplatin-induced neuropathy: effects of selective activation. <i>Neuropharmacology</i> , 2014 , 79, 37-48	5.5	64
220	Antineuropathic profile of N-palmitoylethanolamine in a rat model of oxaliplatin-induced neurotoxicity. <i>PLoS ONE</i> , 2015 , 10, e0128080	3.7	63
219	The pharmacological basis of opioids. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2015 , 12, 219-21		61
218	A class of pyrrole derivatives endowed with analgesic/anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 3695-701	3.4	54

217	Oxaliplatin neurotoxicity involves peroxisome alterations. PPAR α agonism as preventive pharmacological approach. <i>PLoS ONE</i> , 2014 , 9, e102758	3.7	54
216	Discovery of New Selenoureido Analogues of 4-(4-Fluorophenylureido)benzenesulfonamide as Carbonic Anhydrase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 963-968	4.3	51
215	Faecal microbiota transplant from aged donor mice affects spatial learning and memory via modulating hippocampal synaptic plasticity- and neurotransmission-related proteins in young recipients. <i>Microbiome</i> , 2020 , 8, 140	16.6	51
214	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> , 2018 , 25, 1910-1921	7	51
213	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> , 2016 , 113, 290-299	10.2	50
212	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> , 2016 , 59, 2612-32	8.3	49
211	A TRPA1 antagonist reverts oxaliplatin-induced neuropathic pain. <i>Scientific Reports</i> , 2013 , 3, 2005	4.9	47
210	Discovery of New Sulfonamide Carbonic Anhydrase IX Inhibitors Incorporating Nitrogenous Bases. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 1314-1319	4.3	46
209	Protective effect of alpha7 nAChR: behavioural and morphological features on neuropathy. <i>Pain</i> , 2010 , 150, 542-549	8	45
208	Effect of glucoraphanin and sulforaphane against chemotherapy-induced neuropathic pain: Kv7 potassium channels modulation by H S release in vivo. <i>Phytotherapy Research</i> , 2018 , 32, 2226-2234	6.7	44
207	Analgesic and antineuropathic drugs acting through central cholinergic mechanisms. <i>Recent Patents on CNS Drug Discovery</i> , 2011 , 6, 119-40		44
206	Protective effect of acetyl-L-carnitine on the apoptotic pathway of peripheral neuropathy. <i>European Journal of Neuroscience</i> , 2007 , 26, 820-7	3.5	44
205	Local anaesthetic activity of (+)- and (-)-menthol. <i>Planta Medica</i> , 2001 , 67, 174-6	3.1	44
204	Selenium and zinc: Two key players against cadmium-induced neuronal toxicity. <i>Toxicology in Vitro</i> , 2018 , 48, 159-169	3.6	43
203	The α 7 nicotinic receptor antagonist α -conotoxin RglA prevents neuropathic pain induced by oxaliplatin treatment. <i>Experimental Neurology</i> , 2016 , 282, 37-48	5.7	43
202	Therapeutic effects of the superoxide dismutase mimetic compound MnIIIme2DO2A on experimental articular pain in rats. <i>Mediators of Inflammation</i> , 2013 , 2013, 905360	4.3	42
201	Anticancer properties of erucin, an H S-releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPC-1). <i>Phytotherapy Research</i> , 2019 , 33, 845-855	6.7	42
200	Astragali radix: could it be an adjuvant for oxaliplatin-induced neuropathy?. <i>Scientific Reports</i> , 2017 , 7, 42021	4.9	41

199	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> , 2018 , 61, 10860-10874	8.3	41
198	Oxaliplatin evokes P2X7-dependent glutamate release in the cerebral cortex: A pain mechanism mediated by Pannexin 1. <i>Neuropharmacology</i> , 2015 , 97, 133-41	5.5	40
197	Neuroprotective effects of acetyl-L-carnitine on neuropathic pain and apoptosis: a role for the nicotinic receptor. <i>Journal of Neuroscience Research</i> , 2009 , 87, 200-7	4.4	39
196	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> , 2018 , 61, 4961-4977	8.3	37
195	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> , 2013 , 56, 3191-206	8.3	37
194	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> , 2011 , 54, 5124-5144	8.3	37
193	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> , 2018 , 146, 47-59	6.8	36
192	Novel analgesic/anti-inflammatory agents: diarylpyrrole acetic esters endowed with nitric oxide releasing properties. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 7759-71	8.3	36
191	A novel manganese complex effective as superoxide anion scavenger and therapeutic agent against cell and tissue oxidative injury. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7273-83	8.3	34
190	Oxaliplatin-induced blood brain barrier loosening: a new point of view on chemotherapy-induced neurotoxicity. <i>Oncotarget</i> , 2018 , 9, 23426-23438	3.3	33
189	Effects of Cadmium on ZO-1 Tight Junction Integrity of the Blood Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
188	Design, synthesis and X-ray crystallography of selenides bearing benzenesulfonamide moiety with neuropathic pain modulating effects. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 210-219	6.8	31
187	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> , 2017 , 521, 73-83	6.5	30
186	Acetyl-L-carnitine increases artemin level and prevents neurotrophic factor alterations during neuropathy. <i>Neuroscience</i> , 2010 , 167, 1168-74	3.9	30
185	Serotonergic modulation in neuropathy induced by oxaliplatin: effect on the 5HT2C receptor. <i>European Journal of Pharmacology</i> , 2014 , 735, 141-9	5.3	29
184	Calcium alginate microspheres containing metformin hydrochloride niosomes and chitosomes aimed for oral therapy of type 2 diabetes mellitus. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 430-439	6.5	29
183	The neuropathy-protective agent acetyl-L-carnitine activates protein kinase C-gamma and MAPKs in a rat model of neuropathic pain. <i>Neuroscience</i> , 2010 , 165, 1345-52	3.9	29
182	Erucin exhibits vasorelaxing effects and antihypertensive activity by H ₂ S-releasing properties. <i>British Journal of Pharmacology</i> , 2020 , 177, 824-835	8.6	29

181	Discovery of 1,5-Diphenylpyrazole-3-Carboxamide Derivatives as Potent, Reversible, and Selective Monoacylglycerol Lipase (MAGL) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1340-1354	8.3	28
180	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> , 2019 , 62, 276-287	8.3	28
179	The Citrus Flavonoid Naringenin Protects the Myocardium from Ageing-Dependent Dysfunction: Potential Role of SIRT1. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4650207	6.7	27
178	Low dose native type II collagen prevents pain in a rat osteoarthritis model. <i>BMC Musculoskeletal Disorders</i> , 2013 , 14, 228	2.8	27
177	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> , 2016 , 93, 67-76	7.8	26
176	Tanshinones from <i>Salvia miltiorrhiza</i> Bunge revert chemotherapy-induced neuropathic pain and reduce glioblastoma cells malignancy. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 1042-1049	7.5	26
175	Synthesis and Evaluation of Carbonic Anhydrase Inhibitors with Carbon Monoxide Releasing Properties for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 7233-7249	8.3	26
174	Aminopyrrolic synthetic receptors for monosaccharides: a class of carbohydrate-binding agents endowed with antibiotic activity versus pathogenic yeasts. <i>Chemistry - A European Journal</i> , 2012 , 18, 5064-72	4.8	26
173	Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1252	5.6	26
172	Heterocoumarins Are Selective Carbonic Anhydrase IX and XII Inhibitors with Cytotoxic Effects against Cancer Cells Lines. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 947-951	4.3	26
171	In Vitro Evidence for the Use of Astragali Radix Extracts as Adjuvant against Oxaliplatin-Induced Neurotoxicity. <i>Planta Medica</i> , 2015 , 81, 1045-55	3.1	25
170	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> , 2016 , 109, 99-106	6.8	24
169	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> , 2013 , 56, 2256-69	8.3	24
168	Adenosine A3 receptor activation inhibits pronociceptive N-type Ca ²⁺ currents and cell excitability in dorsal root ganglion neurons. <i>Pain</i> , 2019 , 160, 1103-1118	8	24
167	Synthesis of novel cognition enhancers with pyrazolo[5,1-c][1,2,4]benzotriazine core acting at γ -aminobutyric acid type A (GABA(A)) receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2186-2198	3.4	23
166	Brain activity of thioctic Acid enantiomers: in vitro and in vivo studies in an animal model of cerebrovascular injury. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 4580-95	6.3	23
165	Intestinal inflammation increases convulsant activity and reduces antiepileptic drug efficacy in a mouse model of epilepsy. <i>Scientific Reports</i> , 2019 , 9, 13983	4.9	22
164	Prophylactic versus Therapeutic Fingolimod: Restoration of Presynaptic Defects in Mice Suffering from Experimental Autoimmune Encephalomyelitis. <i>PLoS ONE</i> , 2017 , 12, e0170825	3.7	22

163	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. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6428-6439	8.3	22
162	Delay of morphine tolerance by palmitoylethanolamide. <i>BioMed Research International</i> , 2015 , 2015, 894732	5.3	22
161	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> , 2018 , 157, 1214-1222	6.8	22
160	Oxidative, metabolic, and apoptotic responses of Schwann cells to high glucose levels. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015 , 29, 274-9	3.4	21
159	Synthesis and structure-activity relationship studies in translocator protein ligands based on a pyrazolo[3,4-b]quinoline scaffold. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 7165-75	8.3	21
158	Characterisation of the Novel Mixed Mu-NOP Peptide Ligand Dermorphin-N/OFQ (DeNo). <i>PLoS ONE</i> , 2016 , 11, e0156897	3.7	21
157	Adipose-derived stem cells decrease pain in a rat model of oxaliplatin-induced neuropathy: Role of VEGF-A modulation. <i>Neuropharmacology</i> , 2018 , 131, 166-175	5.5	21
156	Enhancing the pharmacodynamic profile of a class of selective COX-2 inhibiting nitric oxide donors. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 772-86	3.4	20
155	Antidepressant-like effect of artemin in mice: a mechanism for acetyl-L-carnitine activity on depression. <i>Psychopharmacology</i> , 2011 , 218, 347-56	4.7	20
154	α Adrenoceptor: a Target for Neuropathic Pain Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 95-107	3.2	20
153	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> , 2019 , 177, 188-197	6.8	19
152	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> , 2019 , 572, 118838	6.5	19
151	Relaxant effect of a water soluble carbon monoxide-releasing molecule (CORM-3) on spontaneously hypertensive rat aortas. <i>Cardiovascular Drugs and Therapy</i> , 2012 , 26, 285-92	3.9	19
150	Atomoxetine for hoarding disorder: A pre-clinical and clinical investigation. <i>Journal of Psychiatric Research</i> , 2016 , 83, 240-248	5.2	19
149	Acute effect of Capparis spinosa root extracts on rat articular pain. <i>Journal of Ethnopharmacology</i> , 2016 , 193, 456-465	5	19
148	Functional Selectivity and Antinociceptive Effects of a Novel KOPr Agonist. <i>Frontiers in Pharmacology</i> , 2020 , 11, 188	5.6	18
147	Synthesis of novel tellurides bearing benzensulfonamide moiety as carbonic anhydrase inhibitors with antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111586	6.8	18
146	Synthesis, biological evaluation and docking analysis of a new series of methylsulfonyl and sulfamoyl acetamides and ethyl acetates as potent COX-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 810-20	3.4	18

145	Pain Relieving Effect of-NSAIDs-CAIs Hybrid Molecules: Systemic and Intra-Articular Treatments against Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
144	Acute and subchronic antinociceptive effects of nociceptin/orphanin FQ receptor agonists infused by intrathecal route in rats. <i>European Journal of Pharmacology</i> , 2015 , 754, 73-81	5.3	17
143	Design, Synthesis, and X-ray of Selenides as New Class of Agents for Prevention of Diabetic Cerebrovascular Pathology. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 462-467	4.3	17
142	Anti-neuropathic effects of Rosmarinus officinalis L. terpenoid fraction: relevance of nicotinic receptors. <i>Scientific Reports</i> , 2016 , 6, 34832	4.9	16
141	α Nicotinic Receptor Promotes the Neuroprotective Functions of Astrocytes against Oxaliplatin Neurotoxicity. <i>Neural Plasticity</i> , 2015 , 2015, 396908	3.3	16
140	Neuroprotective activity of thioctic acid in central nervous system lesions consequent to peripheral nerve injury. <i>BioMed Research International</i> , 2013 , 2013, 985093	3	16
139	Cannabidiol Protects Dopaminergic Neuronal Cells from Cadmium. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	16
138	Intrathecal administration of nociceptin/orphanin FQ receptor agonists in rats: A strategy to relieve chemotherapy-induced neuropathic hypersensitivity. <i>European Journal of Pharmacology</i> , 2015 , 766, 155-62	5.3	15
137	Synthesis, antiarrhythmic activity, and toxicological evaluation of mexiletine analogues. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 300-307	6.8	15
136	Development of a chitosan-derivative micellar formulation to improve celecoxib solubility and bioavailability. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1494-502	3.6	15
135	Nicotine is a pain reliever in trauma- and chemotherapy-induced neuropathy models. <i>European Journal of Pharmacology</i> , 2013 , 711, 87-94	5.3	15
134	Identification of a New Pyrazolo[1,5-a]quinazoline Ligand Highly Affine to γAminobutyric Type A (GABA) Receptor Subtype with Anxiolytic-Like and Antihyperalgesic Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 9691-9702	8.3	15
133	Development of ligands at γAminobutyric acid type A (GABAA) receptor subtype as new agents for pain relief. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 7441-52	3.4	15
132	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> , 2017 , 25, 1901-1906	3.4	14
131	Synergic stimulation of serotonin 5-HT receptor and βAdrenoceptors for neuropathic pain relief: Preclinical effects of 2-substituted imidazoline derivatives. <i>European Journal of Pharmacology</i> , 2017 , 810, 128-133	5.3	14
130	Pain relieving and protective effects of Astragalus hydroalcoholic extract in rat arthritis models. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1858-1870	4.8	14
129	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> , 2019 , 27, 115045	3.4	14
128	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> , 2018 , 33, 671-679	5.6	14

127	Improving the solubility of a new class of antiinflammatory pharmacodynamic hybrids, that release nitric oxide and inhibit cyclooxygenase-2 isoenzyme. <i>European Journal of Medicinal Chemistry</i> , 2012 , 58, 287-98	6.8	14
126	Bioisosteric Development of Multitarget Nonsteroidal Anti-Inflammatory Drug-Carbonic Anhydrases Inhibitor Hybrids for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 2325-2342	8.3	14
125	Improving the therapeutic efficacy of prilocaine by PLGA microparticles: Preparation, characterization and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 24-30	6.5	14
124	Protective Effects Induced by Two Polyphenolic Liquid Complexes from Olive (, mainly) Pressing Juice in Rat Isolated Tissues Challenged with LPS. <i>Molecules</i> , 2019 , 24,	4.8	13
123	Meal against Diabetic Neuropathic Pain: An HS-Mediated Effect of Glucoerucin. <i>Molecules</i> , 2019 , 24,	4.8	13
122	Substituted piperazines as nootropic agents: 2- or 3-phenyl derivatives structurally related to the cognition-enhancer DM235. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1700-1704	2.9	13
121	A rat model of FOLFOX-induced neuropathy: effects of oral dimiracetam in comparison with duloxetine and pregabalin. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 1091-1103	3.5	13
120	Lipoic-based TRPA1/TRPV1 antagonist to treat orofacial pain. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 380-55.7		13
119	Combined Approach of Cyclodextrin Complexation and Nanostructured Lipid Carriers for the Development of a Pediatric Liquid Oral Dosage Form of Hydrochlorothiazide. <i>Pharmaceutics</i> , 2018 , 10,	6.4	13
118	Synthesis and Biological Evaluation of Novel Neuroprotective Pyridazine Derivatives as Excitatory Amino Acid Transporter 2 (EAAT2) Activators. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 5216-5221	8.3	12
117	Different apoptotic pathways activated by oxaliplatin in primary astrocytes vs. colo-rectal cancer cells. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 5386-99	6.3	12
116	Ultramicronized -Palmitoylethanolamine Supplementation for Long-Lasting, Low-Dosed Morphine Antinociception. <i>Frontiers in Pharmacology</i> , 2018 , 9, 473	5.6	12
115	Widespread pain reliever profile of a flower extract of Tanacetum parthenium. <i>Phytomedicine</i> , 2015 , 22, 752-8	6.5	12
114	PPAR- γ Impairment alters peroxisome functionality in primary astrocyte cell cultures. <i>BioMed Research International</i> , 2014 , 2014, 546453	3	12
113	Prophylactic role of acetyl-L-carnitine on knee lesions and associated pain in a rat model of osteoarthritis. <i>Life Sciences</i> , 2014 , 106, 32-9	6.8	12
112	Flow Synthesis and Biological Studies of an Analgesic Adamantane Derivative That Inhibits P2X7-Evoked Glutamate Release. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 704-9	4.3	12
111	Effects of the neutrophil elastase inhibitor EL-17 in rat adjuvant-induced arthritis. <i>Rheumatology</i> , 2016 , 55, 1285-94	3.9	12
110	Novel 8-amino-1,2,4-triazolo[4,3-a]pyrazin-3-one derivatives as potent human adenosine A and A _{2A} receptor antagonists. Evaluation of their protective effect against β amyloid-induced neurotoxicity in SH-SY5Y cells. <i>Bioorganic Chemistry</i> , 2019 , 87, 380-394	5.1	11

109	Further studies on pyrazolo[1,5- <i>b</i>]pyrimido[4,5- <i>d</i>]pyridazin-4(3H)-ones as potent and selective human A1 adenosine receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 32-41	6.8	11
108	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. <i>ChemMedChem</i> , 2018 , 13, 2090-2103	3.7	11
107	Researching New Therapeutic Approaches for Abdominal Visceral Pain Treatment: Preclinical Effects of an Assembled System of Molecules of Vegetal Origin. <i>Nutrients</i> , 2019 , 12,	6.7	11
106	Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. <i>Cells</i> , 2020 , 9,	7.9	11
105	Acute visceral pain relief mediated by A3AR agonists in rats: involvement of N-type voltage-gated calcium channels. <i>Pain</i> , 2020 , 161, 2179-2190	8	11
104	Adenosine A3 agonists reverse neuropathic pain via T cell-mediated production of IL-10. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	11
103	Effects of Hypericum perforatum extract on oxaliplatin-induced neurotoxicity: in vitro evaluations. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017 , 72, 219-226	1.7	10
102	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> , 2019 , 89, 103033	5.1	10
101	Blueberry juice protects osteocytes and bone precursor cells against oxidative stress partly through SIRT1. <i>FEBS Open Bio</i> , 2019 , 9, 1082-1096	2.7	10
100	Design, Synthesis, and Biological Evaluation of Imidazo[1,5- <i>a</i>]quinoline as Highly Potent Ligands of Central Benzodiazepine Receptors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3353-72	8.3	10
99	L. Extract: Alpha-Amylase Inhibition against Metabolic Syndrome in Mice. <i>Nutrients</i> , 2019 , 11,	6.7	10
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97	Photobiomodulation therapy by NIR laser in persistent pain: an analytical study in the rat. <i>Lasers in Medical Science</i> , 2017 , 32, 1835-1846	3.1	10
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