

Lorenzo Di-Cesare Mannelli

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.

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 | Healthy Properties of a New Formulation of Pomegranate-Peel Extract in Mice Suffering from Experimental Autoimmune Encephalomyelitis.. <i>Molecules</i> , 2022 , 27, | 4.8 | 3 |
| 233 | Restorative and pain-relieving effects of fibroin in preclinical models of tendinopathy.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112693 | 7.5 | 2 |
| 232 | Sultam based Carbonic Anhydrase VII inhibitors for the management of neuropathic pain. <i>European Journal of Medicinal Chemistry</i> , 2022 , 227, 113956 | 6.8 | 1 |
| 231 | Effects of Ultramicronized -Palmitoylethanolamine Supplementation on Tramadol and Oxycodone Analgesia and Tolerance Prevention.. <i>Pharmaceutics</i> , 2022 , 14, | 6.4 | 2 |
| 230 | Development of Eudragit \square Nanoparticles for Intranasal Drug Delivery: Preliminary Technological and Toxicological Evaluation. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2373 | 2.6 | 0 |
| 229 | Anti-inflammatory Effects of Novel P2X4 Receptor Antagonists, NC-2600 and NP-1815-PX, in a Murine Model of Colitis.. <i>Inflammation</i> , 2022 , 1 | 5.1 | 1 |
| 228 | The three-tails approach as a new strategy to improve selectivity of action of sulphonamide inhibitors against tumour-associated carbonic anhydrase IX and XII.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 930-939 | 5.6 | 6 |
| 227 | Neuronal alarmin IL-1 \square evokes astrocyte-mediated protective signals: Effectiveness in chemotherapy-induced neuropathic pain.. <i>Neurobiology of Disease</i> , 2022 , 168, 105716 | 7.5 | 1 |
| 226 | The Protection of Zinc against Acute Cadmium Exposure: A Morphological and Molecular Study on a BBB In Vitro Model. <i>Cells</i> , 2022 , 11, 1646 | 7.9 | 0 |
| 225 | Beneficial Effect of H ₂ S-Releasing Molecules in an In Vitro Model of Sarcopenia: Relevance of Glucoraphanin. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5955 | 6.3 | 1 |
| 224 | 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> , 2022 , 23, 6229 | 6.3 | 2 |
| 223 | 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> , 2021 , 12, 799561 | 5.6 | 1 |
| 222 | H NMR and HPLC-DAD-MS for the characterization of ellagitannins and triterpenoids of less investigated <i>Anogeissus leiocarpus</i> DC (Combretaceae) stem bark.. <i>Food Chemistry</i> , 2021 , 375, 131813 | 8.5 | 1 |
| 221 | 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> , 2021 , 40, 320 | 12.8 | 4 |
| 220 | Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. <i>Proceedings (mdpi)</i> , 2021 , 78, 52 | 0.3 | |
| 219 | Alcohol-Induced Blood-Brain Barrier Impairment: An In Vitro Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18, | 4.6 | 4 |
| 218 | Adenosine A ₃ agonists reverse neuropathic pain via T cell-mediated production of IL-10. <i>Journal of Clinical Investigation</i> , 2021 , 131, | 15.9 | 11 |

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| 217 | Role of Carbonic Anhydrase in Cerebral Ischemia and Carbonic Anhydrase Inhibitors as Putative Protective Agents. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 3 |
| 216 | Oxaliplatin-Induced Neuropathy: Genetic and Epigenetic Profile to Better Understand How to Ameliorate This Side Effect. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 643824 | 5.6 | 3 |
| 215 | Improvement of Butamben Anesthetic Efficacy by the Development of Deformable Liposomes Bearing the Drug as Cyclodextrin Complex. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 3 |
| 214 | Antioxidant Properties of Alpha-Lipoic (Thioctic) Acid Treatment on Renal and Heart Parenchyma in a Rat Model of Hypertension. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 4 |
| 213 | The HS-Donor Erucin Exhibits Protective Effects against Vascular Inflammation in Human Endothelial and Smooth Muscle Cells. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 4 |
| 212 | Pain Relieving and Neuroprotective Effects of Non-opioid Compound, DDD-028, in the Rat Model of Paclitaxel-Induced Neuropathy. <i>Neurotherapeutics</i> , 2021 , 18, 2008-2020 | 6.4 | 2 |
| 211 | Uncovering the Mechanisms of Adenosine Receptor-Mediated Pain Control: Focus on the A Receptor Subtype. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 210 | Eruca sativa Mill. seed extract promotes anti-obesity and hypoglycemic effects in mice fed with a high-fat diet. <i>Phytotherapy Research</i> , 2021 , 35, 1983-1990 | 6.7 | 5 |
| 209 | Therapeutic potential for coxibs-nitric oxide releasing hybrids in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 112983 | 6.8 | 1 |
| 208 | Efficacy of Extract against Inflammatory Pain: In Vivo Studies in Mice. <i>Marine Drugs</i> , 2021 , 19, | 6 | 3 |
| 207 | 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> , 2021 , 12, 607572 | 5.6 | 2 |
| 206 | Tellurides bearing benzensulfonamide as carbonic anhydrase inhibitors with potent antitumor activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 45, 128147 | 2.9 | 2 |
| 205 | The Anti-Arthritic Efficacy of Khellin Loaded in Ascorbyl Decanoate Nanovesicles after an Intra-Articular Administration. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 2 |
| 204 | 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> , 2021 , 22, | 6.3 | 2 |
| 203 | Carbonic Anhydrase IV Selective Inhibitors Counteract the Development of Colitis-Associated Visceral Pain in Rats. <i>Cells</i> , 2021 , 10, | 7.9 | 1 |
| 202 | N-Acylethanolamine Acid Amidase Inhibition Potentiates Morphine Analgesia and Delays the Development of Tolerance. <i>Neurotherapeutics</i> , 2021 , 1 | 6.4 | 2 |
| 201 | Design and synthesis of the first indole-based blockers of Panx-1 channel. <i>European Journal of Medicinal Chemistry</i> , 2021 , 223, 113650 | 6.8 | 1 |
| 200 | Chalcogenides-incorporating carbonic anhydrase inhibitors concomitantly reverted oxaliplatin-induced neuropathy and enhanced antiproliferative action. <i>European Journal of Medicinal Chemistry</i> , 2021 , 225, 113793 | 6.8 | 7 |

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| 199 | Protective effects of carbonic anhydrase inhibition in brain ischaemia and models. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 964-976 | 5.6 | 4 |
| 198 | New Perspectives in the Pathophysiology and Treatment of Pain in Patients with Dry Eye Disease.. <i>Journal of Clinical Medicine</i> , 2021 , 11, | 5.1 | 1 |
| 197 | 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> , 2020 , 63, 5185-5200 | 8.3 | 6 |
| 196 | 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> , 2020 , 200, 112405 | 6.8 | 2 |
| 195 | Effects of the Combination of β -Hydroxy- β -Methyl Butyrate and R(+) Lipoic Acid in a Cellular Model of Sarcopenia. <i>Molecules</i> , 2020 , 25, | 4.8 | 2 |
| 194 | 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> , 2020 , 17, 1005-1015 | 6.4 | 5 |
| 193 | Intra-Articular Route for the System of Molecules 14G1862 from : Pain Relieving and Protective Effects in a Rat Model of Osteoarthritis. <i>Nutrients</i> , 2020 , 12, | 6.7 | 3 |
| 192 | Coronaridine congeners decrease neuropathic pain in mice and inhibit α 10 nicotinic acetylcholine receptors and Ca _v 2.2 channels. <i>Neuropharmacology</i> , 2020 , 175, 108194 | 5.5 | 8 |
| 191 | Functional Selectivity and Antinociceptive Effects of a Novel KOPr Agonist. <i>Frontiers in Pharmacology</i> , 2020 , 11, 188 | 5.6 | 18 |
| 190 | Pomegranate Mesocarp against Colitis-Induced Visceral Pain in Rats: Effects of a Decoction and Its Fractions. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 9 |
| 189 | The Anti-Inflammatory and Pain-Relieving Effects of AR170, an Adenosine A Receptor Agonist, in a Rat Model of Colitis. <i>Cells</i> , 2020 , 9, | 7.9 | 6 |
| 188 | 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 |
| 187 | β Sitosterol Loaded Nanostructured Lipid Carrier: Physical and Oxidative Stability, In Vitro Simulated Digestion and Hypocholesterolemic Activity. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 7 |
| 186 | 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 |
| 185 | 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> , 2020 , 100, 103880 | 5.1 | 9 |
| 184 | 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 |
| 183 | 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> , 2020 , 208, 112858 | 6.8 | 8 |
| 182 | Intranasal Low-Dose Naltrexone Against Opioid Side Effects: A Preclinical Study. <i>Frontiers in Pharmacology</i> , 2020 , 11, 576624 | 5.6 | 3 |

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| 181 | ()-3-Furan-2-yl--tolyl-acrylamide and its Derivative DM489 Decrease Neuropathic Pain in Mice Predominantly by α 7 Nicotinic Acetylcholine Receptor Potentiation. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3603-3614 | 5.7 | 6 |
| 180 | The active second-generation proteasome inhibitor oprozomib reverts the oxaliplatin-induced neuropathy symptoms. <i>Biochemical Pharmacology</i> , 2020 , 182, 114255 | 6 | 3 |
| 179 | Extra virgin olive oil and related by-products (<i>Olea europaea</i> L.) as natural sources of phenolic compounds for abdominal pain relief in gastrointestinal disorders in rats. <i>Food and Function</i> , 2020 , 11, 10423-10435 | 6.1 | 4 |
| 178 | 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> , 2020 , 11, 549191 | 5.6 | 5 |
| 177 | Development of a stable oral pediatric solution of hydrochlorothiazide by the combined use of cyclodextrins and hydrophilic polymers. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119692 | 6.5 | 2 |
| 176 | Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. <i>Cells</i> , 2020 , 9, | 7.9 | 11 |
| 175 | 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 |
| 174 | Toxicological Profile of the Pain-Relieving Antioxidant Compound Thiocctic Acid in Its Racemic and Enantiomeric Forms. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 3 |
| 173 | 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 |
| 172 | Bacopa monnieri as augmentation therapy in the treatment of anhedonia, preclinical and clinical evaluation. <i>Phytotherapy Research</i> , 2020 , 34, 2331-2340 | 6.7 | 7 |
| 171 | Antioxidant-Conjugated 1,2,4-Triazolo[4,3- <i>b</i>]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> , 2019 , 62, 8511-8531 | 8.3 | 9 |
| 170 | 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 |
| 169 | Meal against Diabetic Neuropathic Pain: An HS-Mediated Effect of Glucoerucin. <i>Molecules</i> , 2019 , 24, | 4.8 | 13 |
| 168 | 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 |
| 167 | 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 |
| 166 | New Rigid Nicotine Analogues, Carrying a Norbornane Moiety, Are Potent Agonists of α 7 and β * Nicotinic Receptors. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 1887-1901 | 8.3 | 4 |
| 165 | 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 |
| 164 | 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 |

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| 163 | 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 |
| 162 | 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 |
| 161 | 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 β -amyloid-induced neurotoxicity in SH-SY5Y cells. <i>Bioorganic Chemistry</i> , 2019 , 87, 380-394 | 5.1 | 11 |
| 160 | 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 |
| 159 | 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 |
| 158 | L. Extract: Alpha-Amylase Inhibition against Metabolic Syndrome in Mice. <i>Nutrients</i> , 2019 , 11, | 6.7 | 10 |
| 157 | Modifications on the Amino-3,5-dicyanopyridine Core To Obtain Multifaceted Adenosine Receptor Ligands with Antineuropathic Activity. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 6894-6912 | 8.3 | 9 |
| 156 | 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 |
| 155 | Effect of NIR laser therapy by MLS-MiS source against neuropathic pain in rats: in vivo and ex vivo analysis. <i>Scientific Reports</i> , 2019 , 9, 9297 | 4.9 | 10 |
| 154 | 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 |
| 153 | Mesenchymal stem cells, implications for pain therapy. <i>Neural Regeneration Research</i> , 2019 , 14, 1915-1916 | 16.5 | 2 |
| 152 | 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 |
| 151 | Intra-articular mucilages: behavioural and histological evaluations for a new model of articular pain. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 971-981 | 4.8 | 7 |
| 150 | Cannabidiol Protects Dopaminergic Neuronal Cells from Cadmium. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16, | 4.6 | 16 |
| 149 | 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 |
| 148 | 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 |
| 147 | Anticancer properties of erucin, an H ₂ S-releasing isothiocyanate, on human pancreatic adenocarcinoma cells (AsPC-1). <i>Phytotherapy Research</i> , 2019 , 33, 845-855 | 6.7 | 42 |
| 146 | Selenium and zinc: Two key players against cadmium-induced neuronal toxicity. <i>Toxicology in Vitro</i> , 2018 , 48, 159-169 | 3.6 | 43 |

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| 145 | 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 |
| 144 | Involvement of the N/O/FQ-NOP system in rat morphine antinociceptive tolerance: Are astrocytes the crossroad?. <i>European Journal of Pharmacology</i> , 2018 , 823, 79-86 | 5.3 | 5 |
| 143 | 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 |
| 142 | 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 |
| 141 | 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 |
| 140 | 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 |
| 139 | Ultramicronized -Palmitoylethanolamine Supplementation for Long-Lasting, Low-Dosed Morphine Antinociception. <i>Frontiers in Pharmacology</i> , 2018 , 9, 473 | 5.6 | 12 |
| 138 | Effect of glucoraphanin and sulforaphane against chemotherapy-induced neuropathic pain: Kv7 potassium channels modulation by H ₂ S release in vivo. <i>Phytotherapy Research</i> , 2018 , 32, 2226-2234 | 6.7 | 44 |
| 137 | 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 |
| 136 | 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 |
| 135 | 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> , 2018 , 13, 692-698 | 4.5 | 7 |
| 134 | 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 |
| 133 | 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 |
| 132 | Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1252 | 5.6 | 26 |
| 131 | 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 |
| 130 | 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 |
| 129 | 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 |
| 128 | Efficacy of isothiocyanate-based compounds on different forms of persistent pain. <i>Journal of Pain Research</i> , 2018 , 11, 2905-2913 | 2.9 | 9 |

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| 127 | Effect of <i>Vitis vinifera</i> hydroalcoholic extract against oxaliplatin neurotoxicity: in vitro and in vivo evidence. <i>Scientific Reports</i> , 2018 , 8, 14364 | 4.9 | 10 |
| 126 | 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 |
| 125 | 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 |
| 124 | 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 |
| 123 | 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 |
| 122 | Apoptotic Process Induced by Oxaliplatin in Rat Hippocampus Causes Memory Impairment. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 120, 14-21 | 3.1 | 5 |
| 121 | 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 |
| 120 | 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 |
| 119 | Piperazines as nootropic agents: New derivatives of the potent cognition-enhancer DM235 carrying hydrophilic substituents. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1795-1803 | 3.4 | 5 |
| 118 | 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 |
| 117 | Astragali radix: could it be an adjuvant for oxaliplatin-induced neuropathy?. <i>Scientific Reports</i> , 2017 , 7, 42021 | 4.9 | 41 |
| 116 | Effects of <i>Hypericum perforatum</i> 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 |
| 115 | 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 |
| 114 | Synthesis and Pharmacological Evaluation of Novel GABAA Subtype Receptor Ligands with Potential Anxiolytic-like and Anti-hyperalgesic Effect. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 2788-2799 | 4.9 | 7 |
| 113 | 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 |
| 112 | Development and characterization of fast dissolving tablets of oxaprozin based on hybrid systems of the drug with cyclodextrins and nanoclays. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 640-649 | 6.5 | 8 |
| 111 | Synergic stimulation of serotonin 5-HT receptor and β adrenoceptors for neuropathic pain relief: Preclinical effects of 2-substituted imidazoline derivatives. <i>European Journal of Pharmacology</i> , 2017 , 810, 128-133 | 5.3 | 14 |
| 110 | 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 |

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| 109 | 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 |
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