Gianfranco Caselli

List of Publications by Year
in descending order

58	1,531	346980	355658
papers	citations	22 h-index	38 g-index

59	59	59	2612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	COVID-eVax, an electroporated DNA vaccine candidate encoding the SARS-CoV-2 RBD, elicits protective responses in animal models. Molecular Therapy, 2022, 30, 311-326.	3.7	54
2	I2-Imidazoline Ligand CR4056 Improves Memory, Increases ApoE Expression and Reduces BBB Leakage in 5xFAD Mice. International Journal of Molecular Sciences, 2022, 23, 7320.	1.8	6
3	Toxicity and Local Tolerance of COVID- eVax, a Plasmid DNA Vaccine for SARS-CoV-2, Delivered by Electroporation. Toxicologic Pathology, 2021, 49, 1255-1268.	0.9	5
4	CR4056, a powerful analgesic imidazolineâ€2 receptor ligand, inhibits the inflammationâ€induced PKCÎµ phosphorylation and membrane translocation in sensory neurons. British Journal of Pharmacology, 2020, 177, 48-64.	2.7	8
5	Improved efficacy, tolerance, safety, and abuse liability profile of the combination of CR4056 and morphine over morphine alone in rodent models. British Journal of Pharmacology, 2020, 177, 3291-3308.	2.7	5
6	Nanoreactors for the multi-functionalization of poly-histidine fragments. New Journal of Chemistry, 2019, 43, 6834-6837.	1.4	8
7	Functionalization of protein hexahistidine tags by functional nanoreactors. New Journal of Chemistry, 2019, 43, 17946-17953.	1.4	3
8	Poly-histidine grafting leading to fishbone-like architectures. RSC Advances, 2018, 8, 8638-8656.	1.7	8
9	Development of subnanomolar-affinity serotonin 5-HT4 receptor ligands based on quinoline structures. MedChemComm, 2018, 9, 1466-1471.	3.5	2
10	Pharmacological characterisation of CR6086, a potent prostaglandin E2 receptor 4 antagonist, as a new potential disease-modifying anti-rheumatic drug. Arthritis Research and Therapy, 2018, 20, 39.	1.6	26
11	Multivalent ligands for the serotonin 5-HT₄ receptor. MedChemComm, 2017, 8, 647-651.	3.5	4
12	Development of Imidazole-Reactive Molecules Leading to a New Aggregation-Induced Emission Fluorophore Based on the Cinnamic Scaffold. ACS Omega, 2017, 2, 5453-5459.	1.6	12
13	Efficacy of CR4056, a first-in-class imidazoline-2 analgesic drug, in comparison with naproxen in two rat models of osteoarthritis. Journal of Pain Research, 2017, Volume 10, 1033-1043.	0.8	16
14	Phenylindenone isomers as divergent modulators of p38Î± MAP kinase. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5160-5163.	1.0	3
15	Modulation of imidazoline <scp>I</scp>₂ binding sites by <scp>CR</scp>4056 relieves postoperative hyperalgesia in male and female rats. British Journal of Pharmacology, 2014, 171, 3693-3701.	2.7	29
16	Supramolecular Glycodendrimer-Based Hybrid Drugs. Biomacromolecules, 2014, 15, 3985-3993.	2.6	12
17	Dendrimeric tetravalent ligands for the serotonin-gated ion channel. Chemical Communications, 2014, 50, 8582.	2.2	16
18	Synthesis and structureâ€“activity relationship studies in serotonin 5-HT4 receptor ligands based on a benzo[de][2,6]naphthridine scaffold. European Journal of Medicinal Chemistry, 2014, 82, 36-46.	2.6	15

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19	The novel anti-inflammatory agent VA694, endowed with both NO-releasing and COX2-selective inhibiting properties, exhibits NO-mediated positive effects on blood pressure, coronary flow and endothelium in an experimental model of hypertension and endothelial dysfunction. Pharmacological Research, 2013, 78, 1-9.	3.1	32
20	Exploring Multitarget Interactions to Reduce Opiate Withdrawal Syndrome and Psychiatric Comorbidity. ACS Medicinal Chemistry Letters, 2013, 4, 875-879.	1.3	11
21	Synthesis and structureâ€“activity relationship studies in serotonin 5-HT1A receptor agonists based on fused pyrrolidone scaffolds. European Journal of Medicinal Chemistry, 2013, 63, 85-94.	2.6	28
22	Targeting of ADAMTS5's ancillary domain with the recombinant mAb CRB0017 ameliorates disease progression in a spontaneous murine model of osteoarthritis. Osteoarthritis and Cartilage, 2013, 21, 1807-1810.	0.6	48
23	Discovery, synthesis, selectivity modulation and DMPK characterization of 5-azaspiro[2.4]heptanes as potent orexin receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2653-2658.	1.0	10
24	Silibinin hemisuccinate binding to proteins in plasma and blood cell/plasma partitioning in mouse, rat, dog and man in vitro. Drug Metabolism and Drug Interactions, 2013, 28, 115-122.	0.3	3
25	CR4056, a new analgesic I2 ligand, is highly effective against bortezomib-induced painful neuropathy in rats. Journal of Pain Research, 2012, 5, 151.	0.8	38
26	Analgesic efficacy of CR4056, a novel imidazoline-2 receptor ligand, in rat models of inflammatory and neuropathic pain. Journal of Pain Research, 2011, 4, 111.	0.8	43
27	Synthesis, pharmacophore modeling and in vitro activity of 10,11-dihydrodibenzo[b,f]oxepine-4-carboxamide derivatives as novel and potent antagonists of the prostaglandin EP4 receptor. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6336-6340.	1.0	3
28	Experimental Pharmacology of Glucosamine Sulfate. International Journal of Rheumatology, 2011, 2011, 1-8.	0.9	37
29	Efficacy of CR3294, a new benzamidine derivative, in the prevention of 5-fluorouracil-induced gastrointestinal mucositis and diarrhea in mice. Cancer Chemotherapy and Pharmacology, 2010, 66, 819-827.	1.1	5
30	Design, Synthesis, and Preliminary Biological Evaluation of Pyrrolo[3,4â€c]quinolinâ€1â€one and Oxoisoindoline Derivatives as Aggrecanase Inhibitors. ChemMedChem, 2010, 5, 739-748.	1.6	28
31	Antipsychotic-like effects of the N-methyl-d-aspartate receptor modulator neboglamine: An immunohistochemical and behavioural study in the rat. Pharmacological Research, 2010, 61, 430-436.	3.1	8
32	Multivalent Supramolecular Dendrimer-Based Drugs. Biomacromolecules, 2010, 11, 182-186.	2.6	44
33	Andolast Acts at Different Cellular Levels to Inhibit Immunoglobulin E Synthesis. International Journal of Immunopathology and Pharmacology, 2009, 22, 85-94.	1.0	3
34	Progress Towards the Identification of New Aggrecanase Inhibitors. Current Medicinal Chemistry, 2009, 16, 2395-2415.	1.2	22
35	Glutamate signaling in chondrocytes and the potential involvement of NMDA receptors in cell proliferation and inflammatory gene expression. Osteoarthritis and Cartilage, 2009, 17, 1076-1083.	0.6	44
36	In vivo neurochemical effects of the NR2B selective NMDA receptor antagonist CR 3394 in 6-hydroxydopamine lesioned rats. European Journal of Pharmacology, 2008, 584, 297-305.	1.7	13

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37	Design, Synthesis, and Biological Evaluation of AT₁ Angiotensin II Receptor Antagonists Based on the Pyrazolo[3,4-b]pyridine and Related Heteroaromatic Bicyclic Systems. Journal of Medicinal Chemistry, 2008, 51, 2137-2146.	2.9	61
38	Induction of autophagic cell death by a novel molecule Is increased by hypoxia. Autophagy, 2008, 4, 1042-1053.	4.3	28
39	Functional in vitro characterization of CR 3394: A novel voltage dependent N-methyl-d-aspartate (NMDA) receptor antagonist. Neuropharmacology, 2006, 50, 277-285.	2.0	13
40	Pharmacological profile of CR3465, a new leukotriene CysLT1 receptor antagonist with broad anti-inflammatory activity. European Journal of Pharmacology, 2004, 504, 223-233.	1.7	7
41	IL-18 cDNA vaccination protects mice from spontaneous lupus-like autoimmune disease. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14181-14186.	3.3	118
42	An HGFâ€“MSP chimera disassociates the trophic properties of scatter factors from their pro-invasive activity. Nature Biotechnology, 2002, 20, 488-495.	9.4	22
43	Stereoselective inhibition of rat polymorphonuclear neutrophil chemotaxis by ketoprofen isomers 11Abbreviations: NSAIDs, non-steroidal anti-inflammatorydrugs; COX, cyclooxygenase; PG, prostaglandin; PMN, humanpolymorphonuclear leukocyte; IL-8, interleukin-8;[Ca2+]i, intracellular calcium concentration;MAPK, mitogen-activated protein kinases; fMLP,N-formyl-methionyl-leucyl-phenylalanine; ERK, extracellular signalregulated kinase; C5a, fifth	2.0	38
44	Role of tumor necrosis factor-alpha in endotoxin-induced lung parenchymal hyporesponsiveness in mice11Abbreviations: BALF, bronchoalveolar lavage fluid; 5-HT, 5-hydroxytryptamine; IL-, interleukin-; IL-1RA, interleukin-1 receptor antagonist; LPS, lipopolysaccharide; PMN, polymorphonuclear neutrophil; and TNFÎ±, tumor necrosis factor-Î±.. Biochemical Pharmacology, 2001, 62, 1141-1144.	2.0	3
45	Synthesis, inhibitory activity towards human leukocyte elastase and molecular modelling studies of 1-carbamoyl-4-methyleneaminoxyazetidinones. European Journal of Medicinal Chemistry, 2000, 35, 53-67.	2.6	15
46	LPS INDUCES IL-6 IN THE BRAIN AND IN SERUM LARGELY THROUGH TNF PRODUCTION. Cytokine, 2000, 12, 1205-1210.	1.4	49
47	Thioredoxin, a Redox Enzyme Released in Infection and Inflammation, Is a Unique Chemoattractant for Neutrophils, Monocytes, and T Cells. Journal of Experimental Medicine, 1999, 189, 1783-1789.	4.2	303
48	Synthesis and in vitro and in vivo evaluation of the 2-(6â€²methoxy-3â€²,4â€²-dihydro-1â€²-naphtyl)-4H-3,1-benzoxazin-4-one as a new potent substrate inhibitor of human leukocyte elastase. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 1291-1294.	1.0	19
49	Does Colchicine Really Induce Bone Formation in the Rodent Bone Marrow? Yes, it Does. Calcified Tissue International, 1999, 65, 414-415.	1.5	5
50	Peripheral blood mononuclear cell production of interleukin-8 and IL-8-dependent neutrophil function in hypercholesterolemic patients. Atherosclerosis, 1999, 146, 345-350.	0.4	31
51	Analgesic Effect of Ketoprofen Is Mainly Associated to its R-Enantiomer: Role of Cytokine Modulation. Analgesia (Elmsford, N Y), 1999, 4, 181-186.	0.5	2
52	EFFICACY OF A NEW TOPICAL GEL-SPRAY FORMULATION OF KETOPROFEN LYSINE SALT IN THE RAT: PERCUTANEOUS PERMEATIONIN VITROANDIN VIVOAND PHARMACOLOGICAL ACTIVITY. Pharmacological Research, 1998, 37, 41-47.	3.1	16
53	Differential contribution of R and S isomers in ketoprofen anti-inflammatory activity: role of cytokine modulation. Journal of Pharmacology and Experimental Therapeutics, 1998, 287, 969-74.	1.3	32
54	Tartronates: A New Generation of Drugs Affecting Bone Metabolism. Journal of Bone and Mineral Research, 1997, 12, 972-981.	3.1	42

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55	Interleukin-1 beta primes interleukin-8-stimulated chemotaxis and elastase release in human neutrophils via its type I receptor. European Cytokine Network, 1997, 8, 173-8.	1.1	15
56	IL-1Î² primes IL-8-activated human neutrophils for elastase release, phospholipase D activity, and calcium flux. Journal of Leukocyte Biology, 1996, 59, 427-434.	1.5	54
57	Determination of Nuvenzepine in Human Plasma by a Sensitive [3H]Pirenzepine Radioreceptor Binding Assay. Journal of Pharmaceutical Sciences, 1991, 80, 173-177.	1.6	3
58	Prostaglandins and lipolysis I: PGI2 formation by rat epididymal adipose tissue artery. Pharmacological Research Communications, 1981, 13, 721-729.	0.2	3