Claudia Vergelli

List of Publications by Year
in descending order

58	1,118	361045	454577
papers	citations	20 h-index	30 g-index

59	59	59	1137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	[(3-Chlorophenyl)piperazinylpropyl]pyridazinones and Analogues as Potent Antinociceptive Agents. Journal of Medicinal Chemistry, 2003, 46, 1055-1059.	2.9	111
2	Optimization of N-Benzoylindazole Derivatives as Inhibitors of Human Neutrophil Elastase. Journal of Medicinal Chemistry, 2013, 56, 6259-6272.	2.9	54
3	Î±₂â€Agonists as analgesic agents. Medicinal Research Reviews, 2009, 29, 339-368.	5.0	49
4	6-Methyl-2,4-Disubstituted Pyridazin-3(2H)-ones: A Novel Class of Small-Molecule Agonists for Formyl Peptide Receptors. Journal of Medicinal Chemistry, 2009, 52, 5044-5057.	2.9	49
5	Arylpiperazinylalkylpyridazinones and Analogues as Potent and Orally Active Antinociceptive Agents:Â Synthesis and Studies on Mechanism of Action. Journal of Medicinal Chemistry, 2006, 49, 7826-7835.	2.9	36
6	4-Amino-3(2H)-pyridazinones bearing arylpiperazinylalkyl groups and related compounds: synthesis and antinociceptive activity. Il Farmaco, 2003, 58, 1063-1071.	0.9	35
7	Selective ACAT Inhibitors as Promising Antihyperlipidemic, Antiatherosclerotic and Anti-Alzheimer Drugs. Mini-Reviews in Medicinal Chemistry, 2003, 3, 576-584.	1.1	35
8	Further studies on 2-arylacetamide pyridazin-3(2H)-ones: Design, synthesis and evaluation of 4,6-disubstituted analogs as formyl peptide receptors (FPRs) agonists. European Journal of Medicinal Chemistry, 2013, 64, 512-528.	2.6	35
9	Further Studies on Arylpiperazinyl Alkyl Pyridazinones: Discovery of an Exceptionally Potent, Orally Active, Antinociceptive Agent in Thermally Induced Pain. Journal of Medicinal Chemistry, 2009, 52, 7397-7409.	2.9	34
10	Cinnoline derivatives as human neutrophil elastase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 628-639.	2.5	34
11	Î±₂ Adrenoceptor: a Target for Neuropathic Pain Treatment. Mini-Reviews in Medicinal Chemistry, 2016, 17, 95-107.	1.1	32
12	Novel Pyrazolopyrimidopyridazinones with Potent and Selective Phosphodiesterase 5 (PDE5) Inhibitory Activity as Potential Agents for Treatment of Erectile Dysfunction. Journal of Medicinal Chemistry, 2006, 49, 5363-5371.	2.9	31
13	Design, synthesis and evaluation of N-benzoylindazole derivatives and analogues as inhibitors of human neutrophil elastase. Bioorganic and Medicinal Chemistry, 2011, 19, 4460-4472.	1.4	29
14	Isoxazol-5(2H)-one: a new scaffold for potent human neutrophil elastase (HNE) inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 821-831.	2.5	27
15	PDE5 Inhibitors and their Applications. Current Medicinal Chemistry, 2010, 17, 2564-2587.	1.2	24
16	Synthesis, enantioresolution, and activity profile of chiral 6-methyl-2,4-disubstituted pyridazin-3(2H)-ones as potent N-formyl peptide receptor agonists. Bioorganic and Medicinal Chemistry, 2012, 20, 3781-3792.	1.4	24
17	4-Amino-5-substituted-3(2H)-pyridazinones as Orally Active Antinociceptive Agents:â€‰ Synthesis and Studies on the Mechanism of Action. Journal of Medicinal Chemistry, 2007, 50, 3945-3953.	2.9	23
18	1H-pyrrolo[2,3-b]pyridine: A new scaffold for human neutrophil elastase (HNE) inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 5583-5595.	1.4	23

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19	Synthesis and Pharmacological Evaluation of New Pyridazinâ€Based Thioderivatives as Formyl Peptide Receptor (<scp>FPR</scp>) Agonists. Drug Development Research, 2013, 74, 259-271.	1.4	21
20	Synthesis and Pharmacological Evaluation of Indole Derivatives as Deaza Analogues of Potent Human Neutrophil Elastase Inhibitors. Drug Development Research, 2016, 77, 285-299.	1.4	21
21	4-Amino-5-vinyl-3(2H)-pyridazinones and analogues as potent antinociceptive agents: Synthesis, SARs, and preliminary studies on the mechanism of action. Bioorganic and Medicinal Chemistry, 2007, 15, 5563-5575.	1.4	20
22	2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. Bioorganic and Medicinal Chemistry, 2016, 24, 2530-2543.	1.4	20
23	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
24	Functionalized pyrazoles and pyrazolo[3,4-d]pyridazinones: Synthesis and evaluation of their phosphodiesterase 4 inhibitory activity. Bioorganic and Medicinal Chemistry, 2010, 18, 3506-3517.	1.4	19
25	Synthesis, biological evaluation, and molecular modelling studies of potent human neutrophil elastase (HNE) inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1108-1124.	2.5	18
26	Synthesis and Evaluation of Some Pyrazolo[3,4-d]pyridazinones and Analogues as PDE 5 Inhibitors Potentially Useful as Peripheral Vasodilator Agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2002, 17, 227-233.	2.5	17
27	Effects of the neutrophil elastase inhibitor EL-17 in rat adjuvant-induced arthritis. Rheumatology, 2016, 55, 1285-1294.	0.9	17
28	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
29	New pyrazolo[1â€²,5â€²:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as potent and selective PDE5 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2381-2384.	1.0	16
30	Synthesis of pyrrolo[2,3-d]pyridazinones as potent, subtype selective PDE4 inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2007, 22, 309-318.	2.5	16
31	Synthesis and analytical characterization of new thiazol-2-(3H)-ones as human neutrophil elastase (HNE) inhibitors. Chemistry Central Journal, 2017, 11, 127.	2.6	15
32	Further studies on pyrazolo[1â€²,5â€²:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as potent and selective human A1 adenosine receptor antagonists. European Journal of Medicinal Chemistry, 2015, 89, 32-41.	2.6	14
33	Isoxazolo[3,4-d]pyridazinones and analogues as Leishmania mexicana PDE inhibitors. Il Farmaco, 2002, 57, 89-96.	0.9	13
34	4â€Aminoâ€5â€vinylâ€3(2H)â€pyridazdazinones and related compounds; synthesis and evaluation of antinociceptive activity. Journal of Heterocyclic Chemistry, 2002, 39, 523-533.	1.4	13
35	Pyrazolo[1,5-a]quinazoline scaffold as 5-deaza analogue of pyrazolo[5,1-c][1,2,4]benzotriazine system: synthesis of new derivatives, biological activity on GABA_A receptor subtype and molecular dynamic study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 195-204.	2.5	13
36	Airway relaxant and anti-inflammatory properties of a PDE4 inhibitor with low affinity for the high-affinity rolipram binding site. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 284-289.	1.4	12

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37	Synthesis, HPLC Enantioresolution, and Xâ€ray Analysis of a New Series of C5â€methyl Pyridazines as Nâ€Formyl Peptide Receptor (FPR) Agonists. Chirality, 2013, 25, 400-408.	1.3	12
38	Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. Frontiers in Chemistry, 2020, 8, 795.	1.8	12
39	Pyrazolo[1â€²,5â€²:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as selective human A1 adenosine receptor ligands. Bioorganic and Medicinal Chemistry, 2010, 18, 7890-7899.	1.4	11
40	New 3â€unsubstituted isoxazolones as potent human neutrophil elastase inhibitors: Synthesis and molecular dynamic simulation. Drug Development Research, 2020, 81, 338-349.	1.4	11
41	Synthesis of Fiveâ€and Sixâ€Membered Nâ€Phenylacetamido Substituted Heterocycles as Formyl Peptide Receptor Agonists. Drug Development Research, 2017, 78, 49-62.	1.4	9
42	Further modifications of 1Hâ€pyrrolo[2,3â€b]pyridine derivatives as inhibitors of human neutrophil elastase. Drug Development Research, 2019, 80, 617-628.	1.4	9
43	Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115836.	1.4	9
44	Synthesis of five and six-membered heterocycles bearing an arylpiperazinylalkyl side chain as orally active antinociceptive agents. Bioorganic and Medicinal Chemistry, 2015, 23, 6237-6245.	1.4	8
45	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
46	Synthesis and Evaluation as Antitubercular Agents of 5â€Arylethenyl and 5â€(Hetero)arylâ€3â€isoxazolecarboxylate. Drug Development Research, 2013, 74, 162-172.	1.4	6
47	Synthesis, biological evaluation, molecular modeling, and structural analysis of new pyrazole and pyrazolone derivatives as Nâ€formyl peptide receptors agonists. Chemical Biology and Drug Design, 2021, 98, 582-603.	1.5	6
48	Synthesis of New GABAA Receptor Modulator with Pyrazolo[1,5-a]quinazoline (PQ) Scaffold. International Journal of Molecular Sciences, 2019, 20, 1438.	1.8	5
49	â€˜Proximity frequenciesâ€™ a new parameter to evaluate the profile of GABAAR modulators. Bioorganic and Medicinal Chemistry Letters, 2021, 34, 127755.	1.0	5
50	Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis. Molecules, 2021, 26, 6583.	1.7	5
51	Synthesis and evaluation as PDE4 inhibitors of pyrimidineâ€2,4â€dione derivatives. Drug Development Research, 2011, 72, 274-288.	1.4	3
52	1,5,6,7-Tetrahydro-4H-indazol-4-ones as human neutrophil elastase (HNE) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 52, 128380.	1.0	3
53	Synthesis and inverse virtual screening of new bi-cyclic structures towards cancer-relevant cellular targets. Structural Chemistry, 2022, 33, 769-793.	1.0	3
54	Molecular manipulation of the 1,5,6,7-tetrahydro-4H-indazol-4-one scaffold to obtain new human neutrophil elastase (HNE) inhibitors. Journal of Molecular Structure, 2022, 1263, 133140.	1.8	3

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55	New 3,6â€Disubstituted Pyrazolo[1,5â€•a]quinazolines as Ligands to GABA A Receptor Subtype. Journal of Heterocyclic Chemistry, 2019, 56, 1571-1580.	1.4	2
56	New Pyrazolo[1',5':1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones Fluoroderivatives as Human A1 Adenosine Receptor Ligands. Acta Chimica Slovenica, 2012, 59, 648-55.	0.2	2
57	4-Amino-3(2H)-pyridazinones Bearing Arylpiperazinylalkyl Groups and Related Compounds: Synthesis and Antinociceptive Activity.. ChemInform, 2004, 35, no.	0.1	0
58	New Pyrazolo[1â€²,5â€²:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as Potent and Selective PDE5 Inhibitors.. ChemInform, 2005, 36, no.	0.1	0