Claudia Vergelli

List of Publications by Citations

55 papers	844 citations	17 h-index	25 g-index
59 ext. papers	987 ext. citations	4.7 avg, IF	3.45 L-index

#	Paper	IF	Citations
55	[(3-Chlorophenyl)piperazinylpropyl]pyridazinones and analogues as potent antinociceptive agents. *Journal of Medicinal Chemistry*, **2003**, 46, 1055-9	8.3	98
54	Optimization of N-benzoylindazole derivatives as inhibitors of human neutrophil elastase. *Journal of Medicinal Chemistry*, **2013**, 56, 6259-72	8.3	40
53	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, 5044-57	8.3	40
52	Alpha2-agonists as analgesic agents. *Medicinal Research Reviews*, **2009**, 29, 339-68	14.4	39
51	Arylpiperazinylalkylpyridazinones and analogues as potent and orally active antinociceptive agents: synthesis and studies on mechanism of action. *Journal of Medicinal Chemistry*, **2006**, 49, 7826-35	8.3	34
50	4-Amino-3(2H)-pyridazinones bearing arylpiperazinylalkyl groups and related compounds: synthesis and antinociceptive activity. *Il Farmaco*, **2003**, 58, 1063-71		32
49	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, 5363-71	8.3	29
48	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, 7397-409	8.3	28
47	Selective ACAT inhibitors as promising antihyperlipidemic, antiathero-sclerotic and anti-Alzheimer drugs. *Mini-Reviews in Medicinal Chemistry*, **2003**, 3, 576-84	3.2	28
46	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, 512-28	6.8	27
45	Cinnoline derivatives as human neutrophil elastase inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 628-39	5.6	24
44	Design, synthesis and evaluation of N-benzoylindazole derivatives and analogues as inhibitors of human neutrophil elastase. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 4460-72	3.4	22
43	PDE5 inhibitors and their applications. *Current Medicinal Chemistry*, **2010**, 17, 2564-87	4.3	21
42	2 Adrenoceptor: a Target for Neuropathic Pain Treatment. *Mini-Reviews in Medicinal Chemistry*, **2017**, 17, 95-107	3.2	20
41	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, 3781-92	3.4	19
40	4-amino-5-substituted-3(2H)-pyridazinones as orally active antinociceptive agents: synthesis and studies on the mechanism of action. *Journal of Medicinal Chemistry*, **2007**, 50, 3945-53	8.3	19
39	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	5.6	18

38	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, 5563-75	3.4	17
37	Identification of a New Pyrazolo[1,5-a]quinazoline Ligand Highly Affine to Aminobutyric Type A (GABA) Receptor Subtype with Anxiolytic-Like and Antihyperalgesic Activity. *Journal of Medicinal Chemistry*, **2017**, 60, 9691-9702	8.3	15
36	Synthesis and Pharmacological Evaluation of New Pyridazin-Based Thioderivatives as Formyl Peptide Receptor (FPR) Agonists. *Drug Development Research*, **2013**, 74, 259-271	5.1	15
35	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	5.6	14
34	2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2530-2530	3.4	14
33	Synthesis of pyrrolo[2,3-d]pyridazinones as potent, subtype selective PDE4 inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2007**, 22, 309-18	5.6	13
32	New pyrazolo[1[,5[:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as potent and selective PDE5 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 2381-4	2.9	13
31	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, 227-33	5.6	13
30	1H-pyrrolo[2,3-b]pyridine: A new scaffold for human neutrophil elastase (HNE) inhibitors. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 5583-5595	3.4	13
29	Functionalized pyrazoles and pyrazolo[3,4-d]pyridazinones: Synthesis and evaluation of their phosphodiesterase 4 inhibitory activity. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 3506-17	3.4	12
28	4-Amino-5-vinyl-3(2H)-pyridazdazinones and related compounds; synthesis and evaluation of antinociceptive activity. *Journal of Heterocyclic Chemistry*, **2002**, 39, 523-533	1.9	12
27	Effects of the neutrophil elastase inhibitor EL-17 in rat adjuvant-induced arthritis. *Rheumatology*, **2016**, 55, 1285-94	3.9	12
26	Further studies on pyrazolo[1[,5[: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	6.8	11
25	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 GABAA receptor subtype and molecular dynamic study. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 195-204	5.6	11
24	Isoxazolo[3,4-d]pyridazinones and analogues as Leishmania mexicana PDE inhibitors. *Il Farmaco*, **2002**, 57, 89-96		11
23	Airway relaxant and anti-inflammatory properties of a PDE4 inhibitor with low affinity for the high-affinity rolipram binding site. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2002**, 365, 284-9	3.4	11
22	Synthesis and analytical characterization of new thiazol-2-(3H)-ones as human neutrophil elastase (HNE) inhibitors. *Chemistry Central Journal*, **2017**, 11, 127		10
21	Synthesis and Pharmacological Evaluation of Indole Derivatives as Deaza Analogues of Potent Human Neutrophil Elastase Inhibitors. *Drug Development Research*, **2016**, 77, 285-99	5.1	10

20	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	5.1	9
19	Pyrazolo[1[,5[:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as selective human A(1) adenosine receptor ligands. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 7890-9	3.4	8
18	Synthesis and Pharmacological Evaluation of Novel GABAA Subtype Receptor Ligands with Potential Anxiolytic-like and Anti-hyperalgesic Effect. *Journal of Heterocyclic Chemistry*, **2017**, 54, 2788-2799	1.9	7
17	Synthesis of five and six-membered heterocycles bearing an arylpiperazinylalkyl side chain as orally active antinociceptive agents. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 6237-45	3.4	7
16	Synthesis, HPLC enantioresolution, and X-ray analysis of a new series of C5-methyl pyridazines as N-formyl peptide receptor (FPR) agonists. *Chirality*, **2013**, 25, 400-8	2.1	7
15	New 3-unsubstituted isoxazolones as potent human neutrophil elastase inhibitors: Synthesis and molecular dynamic simulation. *Drug Development Research*, **2020**, 81, 338-349	5.1	7
14	Further modifications of 1H-pyrrolo[2,3-b]pyridine derivatives as inhibitors of human neutrophil elastase. *Drug Development Research*, **2019**, 80, 617-628	5.1	5
13	Synthesis of New GABA Receptor Modulator with Pyrazolo[1,5-a]quinazoline (PQ) Scaffold. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
12	Synthesis and Evaluation as Antitubercular Agents of 5-Arylethenyl and 5-(Hetero)aryl-3-Isoxazolecarboxylate. *Drug Development Research*, **2013**, 74, 162-172	5.1	4
11	Synthesis of Five- and Six-Membered N-Phenylacetamido Substituted Heterocycles as Formyl Peptide Receptor Agonists. *Drug Development Research*, **2017**, 78, 49-62	5.1	4
10	Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. *Bioorganic and Medicinal Chemistry*, **2021**, 29, 115836	3.4	4
9	Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. *Frontiers in Chemistry*, **2020**, 8, 795	5	3
8	New 3,6-Disubstituted Pyrazolo[1,5-a]quinazolines as Ligands to GABAA Receptor Subtype. *Journal of Heterocyclic Chemistry*, **2019**, 56, 1571-1580	1.9	2
7	[Proximity frequencies[a new parameter to evaluate the profile of GABAR modulators. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 34, 127755	2.9	2
6	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	1.9	2
5	Synthesis and evaluation as PDE4 inhibitors of pyrimidine-2,4-dione derivatives. *Drug Development Research*, **2011**, 72, 274-288	5.1	1
4	Synthesis, biological evaluation, molecular modeling, and structural analysis of new pyrazole and pyrazolone derivatives as N-formyl peptide receptors agonists. *Chemical Biology and Drug Design*, **2021**, 98, 582-603	2.9	1
3	1,5,6,7-Tetrahydro-4H-indazol-4-ones as human neutrophil elastase (HNE) inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 52, 128380	2.9	1

2	Synthesis and inverse virtual screening of new bi-cyclic structures towards cancer-relevant cellular targets. *Structural Chemistry*,1	1.8	0
1	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	3.4	