

Claudia Vergelli

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.

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	Molecular manipulation of the 1,5,6,7-tetrahydro-4H-indazol-4-one scaffold to obtain new human neutrophil elastase (HNE) inhibitors. <i>Journal of Molecular Structure</i> , 2022 , 1263, 133140	3.4	
54	Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 29, 115836	3.4	4
53	[Proximity frequencies] a new parameter to evaluate the profile of GABAR modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 34, 127755	2.9	2
52	Synthesis, biological evaluation, molecular modeling, and structural analysis of new pyrazole and pyrazolone derivatives as N-formyl peptide receptors agonists. <i>Chemical Biology and Drug Design</i> , 2021 , 98, 582-603	2.9	1
51	1,5,6,7-Tetrahydro-4H-indazol-4-ones as human neutrophil elastase (HNE) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 52, 128380	2.9	1
50	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
49	New 3-unsubstituted isoxazolones as potent human neutrophil elastase inhibitors: Synthesis and molecular dynamic simulation. <i>Drug Development Research</i> , 2020 , 81, 338-349	5.1	7
48	Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. <i>Frontiers in Chemistry</i> , 2020 , 8, 795	5	3
47	Further modifications of 1H-pyrrolo[2,3-b]pyridine derivatives as inhibitors of human neutrophil elastase. <i>Drug Development Research</i> , 2019 , 80, 617-628	5.1	5
46	New 3,6-Disubstituted Pyrazolo[1,5-a]quinazolines as Ligands to GABAA Receptor Subtype. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 1571-1580	1.9	2
45	Synthesis of New GABA Receptor Modulator with Pyrazolo[1,5-a]quinazoline (PQ) Scaffold. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
44	Synthesis, biological evaluation, and molecular modelling studies of potent human neutrophil elastase (HNE) inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 1108-1124	5.6	14
43	1H-pyrrolo[2,3-b]pyridine: A new scaffold for human neutrophil elastase (HNE) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 5583-5595	3.4	13
42	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	1.9	7
41	Isoxazol-5(2H)-one: a new scaffold for potent human neutrophil elastase (HNE) inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 821-831	5.6	18
40	Identification of a New Pyrazolo[1,5-a]quinazoline Ligand Highly Affine to α -Aminobutyric Type A (GABA) Receptor Subtype with Anxiolytic-Like and Antihyperalgesic Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 9691-9702	8.3	15
39	Synthesis of Five- and Six-Membered N-Phenylacetamido Substituted Heterocycles as Formyl Peptide Receptor Agonists. <i>Drug Development Research</i> , 2017 , 78, 49-62	5.1	4

38	Synthesis and analytical characterization of new thiazol-2-(3H)-ones as human neutrophil elastase (HNE) inhibitors. <i>Chemistry Central Journal</i> , 2017 , 11, 127		10
37	α Adrenoceptor: a Target for Neuropathic Pain Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 95-107	3.2	20
36	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. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 195-204	5.6	11
35	Cinnoline derivatives as human neutrophil elastase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 628-39	5.6	24
34	Effects of the neutrophil elastase inhibitor EL-17 in rat adjuvant-induced arthritis. <i>Rheumatology</i> , 2016 , 55, 1285-94	3.9	12
33	2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 2530-2530	3.4	14
32	Synthesis and Pharmacological Evaluation of Indole Derivatives as Deaza Analogues of Potent Human Neutrophil Elastase Inhibitors. <i>Drug Development Research</i> , 2016 , 77, 285-99	5.1	10
31	Synthesis of five and six-membered heterocycles bearing an arylpiperazinylalkyl side chain as orally active antinociceptive agents. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 6237-45	3.4	7
30	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. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 32-41	6.8	11
29	Optimization of N-benzoylindazole derivatives as inhibitors of human neutrophil elastase. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 6259-72	8.3	40
28	Synthesis and Evaluation as Antitubercular Agents of 5-Arylethenyl and 5-(Hetero)aryl-3-Isoxazolecarboxylate. <i>Drug Development Research</i> , 2013 , 74, 162-172	5.1	4
27	Synthesis and Pharmacological Evaluation of New Pyridazin-Based Thioderivatives as Formyl Peptide Receptor (FPR) Agonists. <i>Drug Development Research</i> , 2013 , 74, 259-271	5.1	15
26	Further studies on 2-arylacetylamide pyridazin-3(2H)-ones: design, synthesis and evaluation of 4,6-disubstituted analogs as formyl peptide receptors (FPRs) agonists. <i>European Journal of Medicinal Chemistry</i> , 2013 , 64, 512-28	6.8	27
25	Synthesis, HPLC enantioresolution, and X-ray analysis of a new series of C5-methyl pyridazines as N-formyl peptide receptor (FPR) agonists. <i>Chirality</i> , 2013 , 25, 400-8	2.1	7
24	Synthesis, enantioresolution, and activity profile of chiral 6-methyl-2,4-disubstituted pyridazin-3(2H)-ones as potent N-formyl peptide receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 3781-92	3.4	19
23	New Pyrazolo[1,5:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones Fluoroderivatives as Human A1 Adenosine Receptor Ligands. <i>Acta Chimica Slovenica</i> , 2012 , 59, 648-55	1.9	2
22	Synthesis and evaluation as PDE4 inhibitors of pyrimidine-2,4-dione derivatives. <i>Drug Development Research</i> , 2011 , 72, 274-288	5.1	1
21	Design, synthesis and evaluation of N-benzoylindazole derivatives and analogues as inhibitors of human neutrophil elastase. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4460-72	3.4	22

20	PDE5 inhibitors and their applications. <i>Current Medicinal Chemistry</i> , 2010 , 17, 2564-87	4.3	21
19	Pyrazolo[1[,5[:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as selective human A(1) adenosine receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 7890-9	3.4	8
18	Functionalized pyrazoles and pyrazolo[3,4-d]pyridazinones: Synthesis and evaluation of their phosphodiesterase 4 inhibitory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 3506-17	3.4	12
17	Alpha2-agonists as analgesic agents. <i>Medicinal Research Reviews</i> , 2009 , 29, 339-68	14.4	39
16	6-methyl-2,4-disubstituted pyridazin-3(2H)-ones: a novel class of small-molecule agonists for formyl peptide receptors. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 5044-57	8.3	40
15	Further studies on arylpiperazinyl alkyl pyridazinones: discovery of an exceptionally potent, orally active, antinociceptive agent in thermally induced pain. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7397-409 ³	8.3	28
14	4-amino-5-substituted-3(2H)-pyridazinones as orally active antinociceptive agents: synthesis and studies on the mechanism of action. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3945-53	8.3	19
13	4-Amino-5-vinyl-3(2H)-pyridazinones and analogues as potent antinociceptive agents: Synthesis, SARs, and preliminary studies on the mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 5563-75	3.4	17
12	Synthesis of pyrrolo[2,3-d]pyridazinones as potent, subtype selective PDE4 inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007 , 22, 309-18	5.6	13
11	Arylpiperazinylalkylpyridazinones and analogues as potent and orally active antinociceptive agents: synthesis and studies on mechanism of action. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7826-35	8.3	34
10	Novel pyrazolopyrimidopyridazinones with potent and selective phosphodiesterase 5 (PDE5) inhibitory activity as potential agents for treatment of erectile dysfunction. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 5363-71	8.3	29
9	New pyrazolo[1[,5[:1,6]pyrimido[4,5-d]pyridazin-4(3H)-ones as potent and selective PDE5 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 2381-4	2.9	13
8	Selective ACAT inhibitors as promising antihyperlipidemic, antiathero-sclerotic and anti-Alzheimer drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2003 , 3, 576-84	3.2	28
7	4-Amino-3(2H)-pyridazinones bearing arylpiperazinylalkyl groups and related compounds: synthesis and antinociceptive activity. <i>Il Farmaco</i> , 2003 , 58, 1063-71		32
6	[(3-Chlorophenyl)piperazinylpropyl]pyridazinones and analogues as potent antinociceptive agents. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 1055-9	8.3	98
5	Isoxazolo[3,4-d]pyridazinones and analogues as <i>Leishmania mexicana</i> PDE inhibitors. <i>Il Farmaco</i> , 2002 , 57, 89-96		11
4	4-Amino-5-vinyl-3(2H)-pyridazdazinones and related compounds; synthesis and evaluation of antinociceptive activity. <i>Journal of Heterocyclic Chemistry</i> , 2002 , 39, 523-533	1.9	12
3	Airway relaxant and anti-inflammatory properties of a PDE4 inhibitor with low affinity for the high-affinity rolipram binding site. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002 , 365, 284-9	3.4	11

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| 2 | Synthesis and evaluation of some pyrazolo[3,4-d]pyridazinones and analogues as PDE 5 inhibitors potentially useful as peripheral vasodilator agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002 , 17, 227-33 | 5.6 | 13 |
| 1 | Synthesis and inverse virtual screening of new bi-cyclic structures towards cancer-relevant cellular targets. <i>Structural Chemistry</i> ,1 | 1.8 | 0 |