Gabriella Guerrini

List of Publications by Year
in descending order

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66 papers	1,205 citations	361413 20 h-index	454955 30 g-index
66 all docs	66 docs citations	66 times ranked	973 citing authors

#	Article	IF	Citations
1	2-Arylpyrazolo[1,5-a]pyrimidin-3-yl acetamides. New potent and selective peripheral benzodiazepine receptor ligands. Bioorganic and Medicinal Chemistry, 2001, 9, 2661-2671.	3.0	112
2	A Novel Selective GABAAÎ±1 Receptor Agonist Displaying Sedative and Anxiolytic-like Properties in Rodents. Journal of Medicinal Chemistry, 2005, 48, 6756-6760.	6.4	68
3	Insight into 2-phenylpyrazolo[1,5-a]pyrimidin-3-yl acetamides as peripheral benzodiazepine receptor ligands: Synthesis, biological evaluation and 3D-QSAR investigation. Bioorganic and Medicinal Chemistry, 2005, 13, 4821-4834.	3.0	63
4	Benzodiazepine Receptor Ligands. 4. Synthesis and Pharmacological Evaluation of 3-Heteroaryl-8-chloropyrazolo[5,1-c][1,2,4]benzotriazine 5-Oxides. Journal of Medicinal Chemistry, 1999, 42, 2218-2226.	6.4	37
5	Synthesis and Benzodiazepine Receptor Affinity of Pyrazolo[1,5-a]pyrimidine Derivatives. 3. New 6-(3-Thienyl) Series as Î±1 Selective Ligands. Journal of Medicinal Chemistry, 2003, 46, 310-313.	6.4	36
6	Synthesis of new pyrazolo[5,1-c][1,2,4] benzotriazines, pyrazolo[5,1-c]pyrido[4,3-e][1,2,4] triazines and their open analogues as cytotoxic agents in normoxic and hypoxic conditions. Bioorganic and Medicinal Chemistry, 2008, 16, 9409-9419.	3.0	34
7	Cinnoline derivatives as human neutrophil elastase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 628-639.	5.2	34
8	Benzodiazepine receptor ligands. 8: Synthesis and pharmacological evaluation of new pyrazolo[5,1-c][1,2,4]benzotriazine 5-oxide 3- and 8-disubstituted: High affinity ligands endowed with inverse-agonist pharmacological efficacy. Bioorganic and Medicinal Chemistry, 2006, 14, 758-775.	3.0	33
9	Reactivity of 1â€(2â€nitrophenyl)â€5â€aminopyrazoles under basic conditions and synthesis of new 3â€, 7â€, and 8â€substituted pyrazolo[5,1â€c][1,2,4]benzotriazine 5â€oxides, as benzodiazepine receptor ligands. Journal of Heterocyclic Chemistry, 1994, 31, 1369-1376.	2.6	28
10	Synthesis and BZR affinity of pyrazolo[1,5- a]pyrimidine derivatives. part 1: study of the structural features for BZR recognition. Bioorganic and Medicinal Chemistry, 1999, 7, 2705-2711.	3.0	28
11	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.	5.2	27
12	Synthesis of novel cognition enhancers with pyrazolo[5,1- c][1,2,4]benzotriazine core acting at Î³-aminobutyric acid type A (GABA A) receptor. Bioorganic and Medicinal Chemistry, 2013, 21, 2186-2198.	3.0	26
13	Reactivity of 7â€(2â€dimethylaminovinyl)pyrazolo[1,5â€a]pyrimidines: Synthesis of pyrazolo[1,5â€a]pyrido[3,4â€e]pyrimidine derivatives as potential benzodiazepine receptor ligands. 2. Journal of Heterocyclic Chemistry, 1995, 32, 291-298.	2.6	25
14	Novel 3-aroylpyrazolo[5,1-c][1,2,4]benzotriazine 5-oxides 8-substituted, ligands at GABAA/benzodiazepine receptor complex: Synthesis, pharmacological and molecular modeling studies. Bioorganic and Medicinal Chemistry, 2008, 16, 4471-4489.	3.0	25
15	New Fluoro Derivatives of the Pyrazolo[5,1-c][1,2,4]benzotriazine 5-Oxide System: Evaluation of Fluorine Binding Properties in the Benzodiazepine Site on Î³-Aminobutyrric Acid Type A (GABA_A) Receptor. Design, Synthesis, Biological, and Molecular Modeling Investigation. Journal of Medicinal Chemistry, 2010, 53, 7532-7548.	6.4	23
16	1H-pyrrolo[2,3-b]pyridine: A new scaffold for human neutrophil elastase (HNE) inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 5583-5595.	3.0	23
17	Pyrazolo[1,5-a]pyrido[3,4-e]pyrimidine: A New Heterocyclic Ring System. Heterocycles, 1990, 31, 1635.	0.7	22
18	Benzodiazepine Receptor Ligands. 7. Synthesis and Pharmacological Evaluation of New 3-Esters of the 8-Chloropyrazolo[5,1-c][1,2,4]benzotriazine 5-oxide. 3-(2-Thienylmethoxycarbonyl) Derivative:Â An Anxioselective Agent in Rodents. Journal of Medicinal Chemistry, 2002, 45, 5710-5720.	6.4	22

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19	Synthesis, in Vivo Evaluation, and Molecular Modeling Studies of New Pyrazolo[5,1-c][1,2,4]benzotriazine 5-Oxide Derivatives. Identification of a Bifunctional Hydrogen Bond Area Related to the Inverse Agonism. Journal of Medicinal Chemistry, 2009, 52, 4668-4682.	6.4	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.	2.9	21
21	Benzodiazepine receptor ligands. Synthesis and pharmacological evaluation of 3-, 7- and 8-substituted [5,1-c][1,2,4]benzotriazines and 5-oxide derivatives. Part I. European Journal of Medicinal Chemistry, 1996, 31, 259-272.	5.5	20
22	Novel 3-iodo-8-ethoxypyrazolo[5,1-c][1,2,4]benzotriazine 5-oxide as promising lead for design of Î±5-inverse agonist useful tools for therapy of mnemonic damage. Bioorganic and Medicinal Chemistry, 2007, 15, 2573-2586.	3.0	20
23	2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. Bioorganic and Medicinal Chemistry, 2016, 24, 2530-2543.	3.0	20
24	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.	6.4	20
25	New 3-, 8-disubstituted pyrazolo[5,1-c][1,2,4]benzotriazines useful for studying the interaction with the HBp-3 area (hydrogen bond point area) in the benzodiazepine site on the Î³-aminobutyric acid type A (GABAA) receptor. Bioorganic and Medicinal Chemistry, 2011, 19, 3074-3085.	3.0	19
26	Development of ligands at Î³-aminobutyrric acid type A (GABAA) receptor subtype as new agents for pain relief. Bioorganic and Medicinal Chemistry, 2011, 19, 7441-7452.	3.0	18
27	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.	5.2	18
28	Synthesis and preliminary evaluation of pyrazolo[1,5-a]pyrido[3,4-e]pyrimidin-6(7H)-ones and related compounds, as benzodiazepine receptor ligands and anticonvulsant agents. European Journal of Medicinal Chemistry, 1992, 27, 985-990.	5.5	17
29	Cytotoxic activity of 3-nitropyrazolo[5,1-c][1,2,4]benzotriazine derivatives: a new series of anti-proliferative agents. Anti-Cancer Drugs, 2005, 16, 645-651.	1.4	17
30	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.	4.1	17
31	Synthesis and pharmacological evaluation of pyrazolo[1,5-a]pyrimidin-7(4H)-one derivatives as potential GABAA-R ligands. Bioorganic and Medicinal Chemistry, 2017, 25, 1901-1906.	3.0	16
32	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
33	On the reactivity of 6-acetyl-7-(2-dimethylaminovinyl)pyrazolo[1,5-a]pyrimidines with 1,3- and 1,4-bisnucleophiles. Organic and Biomolecular Chemistry, 2008, 6, 739.	2.8	14
34	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.	5.5	14
35	Î³-Aminobutyric Acid Type A (GABAA) Receptor Subtype Inverse Agonists as Therapeutic Agents in Cognition. Methods in Enzymology, 2010, 485, 197-211.	1.0	13
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 GABA_A receptor subtype and molecular dynamic study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 195-204.	5.2	13

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37	Benzodiazepine receptor ligands. Il Farmaco, 1999, 54, 375-389.	0.9	12
38	Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. Frontiers in Chemistry, 2020, 8, 795.	3.6	12
39	A New Entry to Pyrazolo[1,5-a]pyrido[3,4-e]pyrimidine Derivatives. Heterocycles, 1990, 31, 1141.	0.7	11
40	Synthesis of derivatives of pyrazolo[1,5â€a]pyrrolo[1,2â€c][1,3,6]â€benzotriazocine, a new class of compounds with potential CNS activity. Journal of Heterocyclic Chemistry, 1992, 29, 1499-1505.	2.6	11
41	New 3â€unsubstituted isoxazolones as potent human neutrophil elastase inhibitors: Synthesis and molecular dynamic simulation. Drug Development Research, 2020, 81, 338-349.	2.9	11
42	Synthesis and Study of the Anti-inflammatory Properties of Some Pyrazolo[1,5-a]pyrimidine Derivatives. Journal of Pharmaceutical Sciences, 1993, 82, 480-486.	3.3	10
43	Benzodiazepine receptor ligands â€" Part II. Synthesis and biological evaluation of pyrazolo[5,1-c][1,2,4]benzotriazine 4-oxide. European Journal of Medicinal Chemistry, 1998, 33, 237-244.	5.5	10
44	A new class of pyrazolo[5,1-c][1,2,4]triazines as Î³-aminobutyric type A (GABAA) receptor subtype ligand: synthesis and pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2018, 26, 2475-2487.	3.0	10
45	Benzodiazepine receptor ligands: a patent review (2006 â€" 2012). Expert Opinion on Therapeutic Patents, 2013, 23, 843-866.	5.0	9
46	Synthesis of Fiveâ€and Sixâ€Membered Nâ€Phenylacetamido Substituted Heterocycles as Formyl Peptide Receptor Agonists. Drug Development Research, 2017, 78, 49-62.	2.9	9
47	Further modifications of 1Hâ€pyrrolo[2,3â€b]pyridine derivatives as inhibitors of human neutrophil elastase. Drug Development Research, 2019, 80, 617-628.	2.9	9
48	Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115836.	3.0	9
49	Chemistry of substituted pyrazolo[1,5-a]pyrimidines. Part 4. A structural correction of a series of pyrazolo[5â€²,1â€² : 2,3]pyrimido[5,4-d][1,2]diazepines on the basis of NMR spectroscopy and X-ray diffraction analysis. Journal of the Chemical Society Perkin Transactions II, 1994, , 1657-1660.	0.9	8
50	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.	3.0	8
51	GABA_A receptor subtype modulators in medicinal chemistry: an updated patent review (2014-present). Expert Opinion on Therapeutic Patents, 2020, 30, 409-432.	5.0	8
52	Design and synthesis of the first indole-based blockers of Panx-1 channel. European Journal of Medicinal Chemistry, 2021, 223, 113650.	5.5	8
53	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.	2.6	7
54	Nonsteroidal Anti-Inflammatory Drugsâ€"1-Phenylethylamine Diastereomeric Salts: A Systematic Solid-State Investigation. Crystal Growth and Design, 2021, 21, 6947-6960.	3.0	7

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55	Reactivity of 7â€(2â€dimethylaminovinyl)pyrazolo[1,5â€a]pyrimidines: Synthesis of pyrazolo[1,5â€a]pyrido[3,4â€e]pyrimidine derivatives as potential benzodiazepine receptor ligands. 1. Journal of Heterocyclic Chemistry, 1994, 31, 1193-1198.	2.6	6
56	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.	3.2	6
57	8H-Pyrazolo[5',1':2,3]pyrimido[5,4-d][1,2]diazepine: A New Tricyclic System. Heterocycles, 1993, 36, 87.	0.7	6
58	New Panx-1 Blockers: Synthesis, Biological Evaluation and Molecular Dynamic Studies. International Journal of Molecular Sciences, 2022, 23, 4827.	4.1	6
59	Synthesis, benzodiazepine receptor affinity and in vivo testing of 3-aryl-4,7-dihydro-6-(N1â€²-alkylpyrazol-3â€²) Tj ETQq1 1 0.784314 rg	5.5	5
60	Synthesis of New GABAA Receptor Modulator with Pyrazolo[1,5-a]quinazoline (PQ) Scaffold. International Journal of Molecular Sciences, 2019, 20, 1438.	4.1	5
61	A Combined Crystallographic and Computational Study on Dexketoprofen Trometamol Dihydrate Salt. Crystals, 2020, 10, 659.	2.2	5
62	â€˜Proximity frequenciesâ€™ a new parameter to evaluate the profile of GABAAR modulators. Bioorganic and Medicinal Chemistry Letters, 2021, 34, 127755.	2.2	5
63	Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis. Molecules, 2021, 26, 6583.	3.8	5
64	1,5,6,7-Tetrahydro-4H-indazol-4-ones as human neutrophil elastase (HNE) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 52, 128380.	2.2	3
65	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.	3.6	3
66	New 3,6â€Disubstituted Pyrazolo[1,5â€•a]quinazolines as Ligands to GABA A Receptor Subtype. Journal of Heterocyclic Chemistry, 2019, 56, 1571-1580.	2.6	2