# 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 | New Panx-1 Blockers: Synthesis, Biological Evaluation and Molecular Dynamic Studies. International Journal of Molecular Sciences, 2022, 23, 4827. | 4.1 | 6 |
| 2 | 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 |
| 3 | Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115836. | 3.0 | 9 |
| 4 | â€˜Proximity frequenciesâ€™ a new parameter to evaluate the profile of GABAAR modulators. Bioorganic and Medicinal Chemistry Letters, 2021, 34, 127755. | 2.2 | 5 |
| 5 | 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 |
| 6 | Design and synthesis of the first indole-based blockers of Panx-1 channel. European Journal of Medicinal Chemistry, 2021, 223, 113650. | 5.5 | 8 |
| 7 | 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 |
| 8 | Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis. Molecules, 2021, 26, 6583. | 3.8 | 5 |
| 9 | Nonsteroidal Anti-Inflammatory Drugsâ€“1-Phenylethylamine Diastereomeric Salts: A Systematic Solid-State Investigation. Crystal Growth and Design, 2021, 21, 6947-6960. | 3.0 | 7 |
| 10 | 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 |
| 11 | Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. Frontiers in Chemistry, 2020, 8, 795. | 3.6 | 12 |
| 12 | A Combined Crystallographic and Computational Study on Dexketoprofen Trometamol Dihydrate Salt. Crystals, 2020, 10, 659. | 2.2 | 5 |
| 13 | GABA<sub>A</sub> receptor subtype modulators in medicinal chemistry: an updated patent review (2014-present). Expert Opinion on Therapeutic Patents, 2020, 30, 409-432. | 5.0 | 8 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Synthesis and Pharmacological Evaluation of Novel GABA<sub>A</sub> Subtype Receptor Ligands with Potential Anxiolyticâ€like and Antiâ€hyperalgesic Effect. Journal of Heterocyclic Chemistry, 2017, 54, 2788-2799. | 2.6 | 7 |
| 23 | 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 |
| 24 | Identification of a New Pyrazolo[1,5-a]quinazoline Ligand Highly Affine to Î³-Aminobutyric Type A (GABA<sub>A</sub>) Receptor Subtype with Anxiolytic-Like and Antihyperalgesic Activity. Journal of Medicinal Chemistry, 2017, 60, 9691-9702. | 6.4 | 20 |
| 25 | 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 |
| 26 | 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 |
| 27 | 2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. Bioorganic and Medicinal Chemistry, 2016, 24, 2530-2543. | 3.0 | 20 |
| 28 | 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 |
| 29 | 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<sub>A</sub> receptor subtype and molecular dynamic study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 195-204. | 5.2 | 13 |
| 30 | Cinnoline derivatives as human neutrophil elastase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 628-639. | 5.2 | 34 |
| 31 | 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 |
| 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. | 5.5 | 14 |
| 33 | Benzodiazepine receptor ligands: a patent review (2006 â€“ 2012). Expert Opinion on Therapeutic Patents, 2013, 23, 843-866. | 5.0 | 9 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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<sub>A</sub>) Receptor. Design, Synthesis, Biological, and Molecular Modeling Investigation. Journal of Medicinal Chemistry, 2010, 53, 7532-7548. | 6.4 | 23 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | Benzodiazepine receptor ligands. Il Farmaco, 1999, 54, 375-389. | 0.9 | 12 |
| 53 | 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 |
| 54 | 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 |

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|---|---|---|---|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 8H-Pyrazolo[5',1':2,3]pyrimido[5,4-d][1,2]diazepine: A New Tricyclic System. Heterocycles, 1993, 36, 87. | 0.7 | 6 |
| 63 | 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 |
| 64 | 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 |
| 65 | A New Entry to Pyrazolo[1,5-a]pyrido[3,4-e]pyrimidine Derivatives. Heterocycles, 1990, 31, 1141. | 0.7 | 11 |
| 66 | Pyrazolo[1,5-a]pyrido[3,4-e]pyrimidine: A New Heterocyclic Ring System. Heterocycles, 1990, 31, 1635. | 0.7 | 22 |