

Anna Maria Marini

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pyrido[1,2- <i>a</i>]pyrimidin-4-one Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors Exhibiting Antioxidant Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4917-4927.	2.9	130
2	Anxiolytic-like Effects of <i>N,N</i> -Dialkyl-2-phenylindol-3-ylglyoxylamides by Modulation of Translocator Protein Promoting Neurosteroid Biosynthesis. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5798-5806.	2.9	80
3	Synthesis, in vitro antiproliferative activity and DNA-interaction of benzimidazoquinazoline derivatives as potential anti-tumor agents. <i>Il Farmaco</i> , 2001, 56, 159-167.	0.9	70
4	Synthesis, DNA binding and in vitro antiproliferative activity of purinoquinazoline, pyridopyrimidopurine and pyridopyrimidobenzimidazole derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 1998, 33, 685-696.	2.6	57
5	3-Aryl[1,2,4]triazino[4,3- <i>a</i>]benzimidazol-4(10H)-ones: A New Class of Selective A1 Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 316-327.	2.9	56
6	Synthesis, Structure-Activity Relationships, and Molecular Modeling Studies of <i>N</i> -(Indol-3-ylglyoxylyl)benzylamine Derivatives Acting at the Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 5083-5091.	2.9	54
7	Naphtho[1,2- <i>d</i>]isothiazole Acetic Acid Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6897-6907.	2.9	53
8	Novel <i>N,N</i> -2-Substituted Pyrazolo[3,4- <i>d</i>]pyrimidine Adenosine A ₃ Receptor Antagonists: Inhibition of A ₃ -Mediated Human Glioblastoma Cell Proliferation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3954-3963.	2.9	50
9	Indole amide derivatives: synthesis, structure-activity relationships and molecular modelling studies of a new series of histamine H1-receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 1999, 34, 93-105.	2.6	47
10	Novel, Highly Potent Adenosine Deaminase Inhibitors Containing the Pyrazolo[3,4- <i>d</i>]pyrimidine Ring System. Synthesis, Structure-Activity Relationships, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5162-5174.	2.9	47
11	Acetic Acid Aldose Reductase Inhibitors Bearing a Five-Membered Heterocyclic Core with Potent Topical Activity in a Visual Impairment Rat Model. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3182-3193.	2.9	47
12	Exploiting the Pyrazolo[3,4- <i>d</i>]pyrimidin-4-one Ring System as a Useful Template To Obtain Potent Adenosine Deaminase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1681-1692.	2.9	44
13	Phenylpyrazolo[1,5- <i>a</i>]quinazolin-5(4- <i>H</i>)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7458-7462.	2.9	43
14	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 379-394.	2.6	38
15	Novel <i>N</i> -(Arylalkyl)indol-3-ylglyoxylylamides Targeted as Ligands of the Benzodiazepine Receptor: Synthesis, Biological Evaluation, and Molecular Modeling Analysis of the Structure-Activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2286-2297.	2.9	36
16	Deepening the Topology of the Translocator Protein Binding Site by Novel <i>N,N</i> -Dialkyl-2-arylindol-3-ylglyoxylylamides. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6081-6092.	2.9	31
17	Multiple Topoisomerase I (TopoI), Topoisomerase II (TopoII) and Tyrosyl-DNA Phosphodiesterase (TDP) inhibitors in the development of anticancer drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105594.	1.9	31
18	Benzothiopyranoindole-Based Antiproliferative Agents: Synthesis, Cytotoxicity, Nucleic Acids Interaction, and Topoisomerases Inhibition Properties. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5429-5441.	2.9	30

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19	3-Aryl-[1,2,4]triazino[4,3- <i>a</i>]benzimidazol-4(10 <i>H</i>)-one: A Novel Template for the Design of Highly Selective A _{2B} Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1490-1499.	2.9	28
20	Identification of Anxiolytic/Nonsedative Agents among Indol-3-ylglyoxylamides Acting as Functionally Selective Agonists at the Î ³ -Aminobutyric Acid-A (GABA _A) Î± ₂ Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3723-3734.	2.9	27
21	Dialkylaminoalkylindolonaphthyridines as potential antitumour agents: synthesis, cytotoxicity and DNA binding properties. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 475-486.	2.6	25
22	Novel Irreversible Fluorescent Probes Targeting the 18 kDa Translocator Protein: Synthesis and Biological Characterization. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4085-4093.	2.9	25
23	3-Aryl-[1,2,4]triazino[4,3- <i>a</i>]benzimidazol-4(10 <i>H</i>)-ones: Tricyclic Heteroaromatic Derivatives as a New Class of Benzodiazepine Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 96-102.	2.9	24
24	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10523-10531.	2.9	24
25	An approach to novel fused triazole or tetrazole derivatives starting from benzimidazo[1,2- <i>a</i>]quinazoline-5(7 <i>H</i>)-one and 5,7-dihydro-oxopyrido[3,2- <i>b</i>]pyrimido[1,2- <i>a</i>]benzimidazole. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1007-1011.	1.4	23
26	Refinement of the Benzodiazepine Receptor Site Topology by Structure-Activity Relationships of New N-(Heteroaryl methyl)indol-3-ylglyoxylamides. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2489-2495.	2.9	22
27	5-Amino-2-phenyl[1,2,3]triazolo[1,2- <i>a</i>][1,2,4]benzotriazin-1-one: A Versatile Scaffold To Obtain Potent and Selective A ₃ Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5676-5684.	2.9	22
28	N-Phenylindol-3-ylglyoxylohydrazide Derivatives: Synthesis, Structure-Activity Relationships, Molecular Modeling Studies, and Pharmacological Action on Brain Benzodiazepine Receptors. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3821-3830.	2.9	21
29	Synthesis of novel 5 <i>H</i> , 11 <i>H</i> -pyrido[2,3- <i>b</i>]thiopyrano[4,3- <i>b</i>]indoles by Fischer indole cyclization. <i>Journal of Heterocyclic Chemistry</i> , 2000, 37, 379-382.	1.4	21
30	Novel N-Substituted Indol-3-ylglyoxylamides Probing the Lipophilic Regions of the Benzodiazepine Receptor Site in Search for Subtype-Selective Ligands. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1627-1634.	2.9	21
31	1,2-Benzisothiazole Derivatives Bearing 4-, 5-, or 6-Alkyl/arylcarboxamide Moieties Inhibit Carbonic Anhydrase Isoform IX (CAIX) and Cell Proliferation under Hypoxic Conditions. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6547-6552.	2.9	20
32	Synthesis of novel pyrido[3,2- <i>b</i>]thiopyrano[3,2- <i>b</i>]indol-5(6 <i>H</i>)-ones and 6 <i>H</i> -pyrido[3,2- <i>b</i>]thiopyrano[4,3- <i>b</i>]quinolines, two new heterocyclic ring systems. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1001-1006.	1.4	19
33	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3 . Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1225-1235.	2.9	18
34	Sulfonamides incorporating heteropolycyclic scaffolds show potent inhibitory action against carbonic anhydrase isoforms I, II, IX and XII. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 921-927.	1.4	18
35	4-Substituted Benzenesulfonamides Incorporating Bi/Tricyclic Moieties Act as Potent and Isoform-Selective Carbonic Anhydrase II/IX Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5765-5770.	2.9	18
36	Investigation of new 2-aryl substituted Benzothiopyrano[4,3- <i>d</i>]pyrimidines as kinase inhibitors targeting vascular endothelial growth factor receptor 2. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 29-43.	2.6	17

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37	Mitochondrial permeability transition induced by novel pyridothiopyranopyrimidine derivatives: Potential new antimitochondrial antitumour agents. <i>Biochemical Pharmacology</i> , 2006, 72, 1657-1667.	2.0	16
38	N-(Indol-3-ylglyoxylyl)methionine derivatives: preparation and gastric anti-secretory activity. <i>European Journal of Medicinal Chemistry</i> , 1988, 23, 21-24.	2.6	15
39	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105337.	1.9	15
40	Synthesis of novel 1,4-dihydropyrido[3,2- <i>b</i> :5,6]thiopyrano[4,3- <i>c</i>]-pyrazoles and 5H-pyrido[3,2- <i>b</i> :5,6]thiopyrano[4,3- <i>d</i>]pyrimidines as potential antiproliferative agents. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 783-788.	1.4	14
41	Synthesis and in vitro antiproliferative activity of new substituted benzo[3,2- <i>b</i> :5,6]thiopyrano[4,3- <i>d</i>]pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 745-749.	1.4	14
42	Synthesis of fused purinoquinazolines. Three new heterocyclic ring systems. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 941-945.	1.4	10
43	Inhibition studies on carbonic anhydrase isoforms I, II, IV and IX with N-arylsubstituted secondary sulfonamides featuring a bicyclic tetrahydroindazole scaffold. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113490.	2.6	9
44	Synthesis of purinobenzodiazepine and purinobenzotriazocine derivatives, two new heterocyclic ring systems. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 639-642.	1.4	8
45	Medicinal Chemistry of Indolylglyoxylamide GABA _A /BzR High Affinity Ligands: Identification of Novel Anxiolytic/Non Sedative Agents. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 286-311.	1.0	8
46	Geometrically Constrained Analogues of N-Benzylindolylglyoxylylamides: [1, 2, 4]Triazino[4, 3- <i>a</i>]benzimidazol-4(10H)-one Derivatives as Potential New Ligands at the Benzodiazepine Receptor. <i>Archiv Der Pharmazie</i> , 2003, 336, 413-421.	2.1	7
47	New insights in the structure-activity relationships of 2-phenylamino-substituted benzo[thiopyrano[4,3- <i>d</i>]pyrimidines as kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 446-456.	2.6	7
48	Medicinal Chemistry of Indolylglyoxylamide TSPO High Affinity Ligands with Anxiolytic-Like Effects. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 333-351.	1.0	6
49	Facile synthesis of 3-substituted [1,2,4]triazino[3,4- <i>b</i> :5,6]purine-4,6,8-trione derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 607-612.	1.4	5
50	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 46-58.	2.6	5
51	Tetrahydroquinazole-based secondary sulphonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IV, and IX, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1874-1883.	2.5	4
52	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3,2- <i>b</i> :5,6]thiopyrano[4,3- <i>c</i>]pyridazin-3(2H,5H)-one. <i>Archiv Der Pharmazie</i> , 2005, 338, 126-132.	2.1	3
53	Synthesis of New Heterocyclic Ring Systems via [1,3,5]Triazino[1,2- <i>a</i>]benzimidazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 1417-1422.	1.4	3
54	Discovery of Pyrido[3,2- <i>b</i> :5,6]thiopyrano[4,3- <i>d</i>]pyrimidine-Based Antiproliferative Multikinase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 457-462.	1.3	3

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55	Carbonic anhydrase activation profile of indole-based derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1783-1797.	2.5	3
56	Synthesis of a novel purine-containing heterocyclic ring system: 8,10-Dimethylindolo[2,3-b:5,6] [1,2,4]triazino[4,3-f]purine-9,11(8 <i>H</i>), 10 <i>H</i> , 13 <i>H</i> -dione. Journal of Heterocyclic Chemistry, 2000, 37, 373-377.	0.1	0
57	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3,2-b:5,6]thiopyrano[4,3-c]pyridazin-3(2 <i>H</i> ,5 <i>H</i>)-one.. ChemInform, 2005, 36, no.	0.1	0