Anna Maria Marini

List of Publications by Year
in descending order

57	1,494	257450 24	330143 37
papers	citations	h-index	g-index

63	63	63	1841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pyrido[1,2-a]pyrimidin-4-one Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors Exhibiting Antioxidant Activity. Journal of Medicinal Chemistry, 2007, 50, 4917-4927.	6.4	130
2	Anxiolytic-like Effects of N,N-Dialkyl-2-phenylindol-3-ylglyoxylamides by Modulation of Translocator Protein Promoting Neurosteroid Biosynthesis. Journal of Medicinal Chemistry, 2008, 51, 5798-5806.	6.4	80
3	Synthesis, in vitro antiproliferative activity and DNA-interaction of benzimidazoquinazoline derivatives as potential anti-tumor agents. Il Farmaco, 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. European Journal of Medicinal Chemistry, 1998, 33, 685-696.	5.5	57
5	3-Aryl[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones:Â A New Class of Selective A1Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2001, 44, 316-327.	6.4	56
6	Synthesis, Structureâ^'Activity Relationships, and Molecular Modeling Studies ofN-(Indol-3-ylglyoxylyl)benzylamine Derivatives Acting at the Benzodiazepine Receptorâ€,â€¡. Journal of Medicinal Chemistry, 1996, 39, 5083-5091.	6.4	54
7	Naphtho[1,2-d]isothiazole Acetic Acid Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors. Journal of Medicinal Chemistry, 2005, 48, 6897-6907.	6.4	53
8	NovelN²-Substituted Pyrazolo[3,4-d]pyrimidine Adenosine A₃Receptor Antagonists: Inhibition of A₃-Mediated Human Glioblastoma Cell Proliferation^{â€}. Journal of Medicinal Chemistry, 2010, 53, 3954-3963.	6.4	50
9	Indole amide derivatives: synthesis, structureâ€"activity relationships and molecular modelling studies of a new series of histamine H1-receptor antagonists. European Journal of Medicinal Chemistry, 1999, 34, 93-105.	5.5	47
10	Novel, Highly Potent Adenosine Deaminase Inhibitors Containing the Pyrazolo[3,4-d]pyrimidine Ring System. Synthesis, Structureâ^'Activity Relationships, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2005, 48, 5162-5174.	6.4	47
11	Acetic Acid Aldose Reductase Inhibitors Bearing a Five-Membered Heterocyclic Core with Potent Topical Activity in a Visual Impairment Rat Model. Journal of Medicinal Chemistry, 2008, 51, 3182-3193.	6.4	47
12	Exploiting the Pyrazolo[3,4-d]pyrimidin-4-one Ring System as a Useful Template To Obtain Potent Adenosine Deaminase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 1681-1692.	6.4	44
13	Phenylpyrazolo[1,5-a]quinazolin-5(4H)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 7458-7462.	6.4	43
14	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2013, 62, 379-394.	5.5	38
15	NovelN-(Arylalkyl)indol-3-ylglyoxylylamides Targeted as Ligands of the Benzodiazepine Receptor:Â Synthesis, Biological Evaluation, and Molecular Modeling Analysis of the Structureâ^'Activity Relationshipsâ€. Journal of Medicinal Chemistry, 2001, 44, 2286-2297.	6.4	36
16	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2015, 58, 6081-6092.	6.4	31
17	Multiple Topoisomerase I (TopoI), Topoisomerase II (TopoII) and Tyrosyl-DNA Phosphodiesterase (TDP) inhibitors in the development of anticancer drugs. European Journal of Pharmaceutical Sciences, 2021, 156, 105594.	4.0	31
18	Benzothiopyranoindole-Based Antiproliferative Agents: Synthesis, Cytotoxicity, Nucleic Acids Interaction, and Topoisomerases Inhibition Properties. Journal of Medicinal Chemistry, 2009, 52, 5429-5441.	6.4	30

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19	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-one: A Novel Template for the Design of Highly Selective A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 1490-1499.	6.4	28
20	Identification of Anxiolytic/Nonsedative Agents among Indol-3-ylglyoxylamides Acting as Functionally Selective Agonists at the Î³-Aminobutyric Acid-A (GABA_A) Î±₂ Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2009, 52, 3723-3734.	6.4	27
21	Dialkylaminoalkylindolonaphthyridines as potential antitumour agents: synthesis, cytotoxicity and DNA binding properties. European Journal of Medicinal Chemistry, 2002, 37, 475-486.	5.5	25
22	Novel Irreversible Fluorescent Probes Targeting the 18 kDa Translocator Protein: Synthesis and Biological Characterization. Journal of Medicinal Chemistry, 2010, 53, 4085-4093.	6.4	25
23	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones:Â Tricyclic Heteroaromatic Derivatives as a New Class of Benzodiazepine Receptor Ligands. Journal of Medicinal Chemistry, 2000, 43, 96-102.	6.4	24
24	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2012, 55, 10523-10531.	6.4	24
25	An approach to novel fused triazole or tetrazole derivatives starting from benzimidazo[1,2â€a]quinazolineâ€5(7H)â€one and 5,7â€dihydroâ€5â€oxopyrido[3â€²,2â€²:5,6]pyrimido[1,2â€a]benzimidazole. Journal of Heterocyclic Chemistry, 2002, 39, 1007-1011.	2.6	23
26	Refinement of the Benzodiazepine Receptor Site Topology by Structureâ^'Activity Relationships of NewN-(Heteroarylmethyl)indol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2006, 49, 2489-2495.	6.4	22
27	5-Amino-2-phenyl[1,2,3]triazolo[1,2-a][1,2,4]benzotriazin-1-one:â€‰ A Versatile Scaffold To Obtain Potent and Selective A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2007, 50, 5676-5684.	6.4	22
28	Nâ€˜-Phenylindol-3-ylglyoxylohydrazide Derivatives:Â Synthesis, Structureâ^'Activity Relationships, Molecular Modeling Studies, and Pharmacological Action on Brain Benzodiazepine Receptors. Journal of Medicinal Chemistry, 1998, 41, 3821-3830.	6.4	21
29	Synthesis of novel 5H, 11Hâ€pyrido[2â€²,3â€²:2,3]thiopyrano[4,3â€b]â€indoles by fischerâ€indole cyclization. Journal of Heterocyclic Chemistry, 2000, 37, 379-382.	2.6	21
30	Novel N-Substituted Indol-3-ylglyoxylamides Probing the LDiand L1/L2Lipophilic Regions of the Benzodiazepine Receptor Site in Search for Subtype-Selective Ligandsâ€. Journal of Medicinal Chemistry, 2007, 50, 1627-1634.	6.4	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. Journal of Medicinal Chemistry, 2016, 59, 6547-6552.	6.4	20
32	Synthesis of novel pyrido[3â€²,2â€²:5,6]thiopyrano[3,2-b]indol-5(6H)-ones and 6H-pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-b]quinolines, two new heterocyclic ring systems. Journal of Heterocyclic Chemistry, 2002, 39, 1001-1006.	2.6	19
33	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3. Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies.. Journal of Medicinal Chemistry, 2014, 57, 1225-1235.	6.4	18
34	Sulfonamides incorporating heteropolycyclic scaffolds show potent inhibitory action against carbonic anhydrase isoforms I, II, IX and XII. Bioorganic and Medicinal Chemistry, 2016, 24, 921-927.	3.0	18
35	4-Substituted Benzenesulfonamides Incorporating Bi/Tricyclic Moieties Act as Potent and Isoform-Selective Carbonic Anhydrase II/IX Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 5765-5770.	6.4	18
36	Investigation of new 2-aryl substituted Benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors targeting vascular endothelial growth factor receptor 2. European Journal of Medicinal Chemistry, 2015, 103, 29-43.	5.5	17

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37	Mitochondrial permeability transition induced by novel pyridothiopyranopyrimidine derivatives: Potential new antimitochondrial antitumour agents. Biochemical Pharmacology, 2006, 72, 1657-1667.	4.4	16
38	N-(Indol-3-ylglyoxylyl)methionine derivatives: preparation and gastric anti-secretory activity. European Journal of Medicinal Chemistry, 1988, 23, 21-24.	5.5	15
39	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. European Journal of Pharmaceutical Sciences, 2020, 149, 105337.	4.0	15
40	Synthesis of novel 1,4-dihydropyrido[3â€²,2â€²:5,6]thiopyrano[4,3-c]-pyrazoles and 5H-pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-d]pyrimidines as potential antiproliferative agents. Journal of Heterocyclic Chemistry, 2003, 40, 783-788.	2.6	14
41	Synthesis andin vitroantiproliferative activity of new substituted benzo[3â€²,2â€²:5,6]thiopyrano[4,3-d]pyrimidines. Journal of Heterocyclic Chemistry, 2008, 45, 745-749.	2.6	14
42	Synthesis of fused purinoquinazolines. Three new heterocyclic ring systems. Journal of Heterocyclic Chemistry, 1995, 32, 941-945.	2.6	10
43	Inhibition studies on carbonic anhydrase isoforms I, II, IV and IX with N-arylsubstituted secondary sulfonamides featuring a bicyclic tetrahydroindazole scaffold. European Journal of Medicinal Chemistry, 2021, 220, 113490.	5.5	9
44	Synthesis of purinobenzodiazepine and purinobenzotriazocine derivatives, two new heterocyclic ring systems. Journal of Heterocyclic Chemistry, 1999, 36, 639-642.	2.6	8
45	Medicinal Chemistry of Indolylglyoxylamide GABAA/BzR High Affinity Ligands: Identification of Novel Anxiolytic/Non Sedative Agents. Current Topics in Medicinal Chemistry, 2012, 12, 286-311.	2.1	8
46	Geometrically Constrained Analogues of N-Benzylindolylglyoxylylamides: [1, 2, 4]Triazino[4, 3-a]benzimidazol-4(10H)-one Derivatives as Potential New Ligands at the Benzodiazepine Receptor. Archiv Der Pharmazie, 2003, 336, 413-421.	4.1	7
47	New insights in the structure-activity relationships of 2-phenylamino-substituted benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors. European Journal of Medicinal Chemistry, 2018, 150, 446-456.	5.5	7
48	Medicinal Chemistry of Indolylglyoxylamide TSPO High Affinity Ligands with Anxiolytic-Like Effects. Current Topics in Medicinal Chemistry, 2012, 12, 333-351.	2.1	6
49	Facile synthesis of 3â€substituted [1,2,4]triazino[3,4â€f]purineâ€4,6,8â€trione derivatives. Journal of Heterocyclic Chemistry, 2001, 38, 607-612.	2.6	5
50	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	5.5	5
51	Tetrahydroquinazole-based secondary sulphonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IV, and IX, and computational studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1874-1883.	5.2	4
52	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3?,2?:5,6]thiopyrano[4,3-c]pyridazin-3(2H,5H)-one. Archiv Der Pharmazie, 2005, 338, 126-132.	4.1	3
53	Synthesis of New Heterocyclic Ring Systems via [1,3,5]Triazino[1,2-a]benzimidazole Derivatives. Journal of Heterocyclic Chemistry, 2005, 42, 1417-1422.	2.6	3
54	Discovery of Pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-d]pyrimidine-Based Antiproliferative Multikinase Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 457-462.	2.8	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.	5.2	3
56	Synthesis of a novel purineâ€containing heterocyclic ring system: 8,10â€Dimethylindolo[2â€²,3â€²:5,6][1,2,4]triazino[4,3â€f]purineâ€9,11(8H, 10H, 13H)â€dione. Journal of Heterocyclic Chemistry, 2000, 37, 373-377.	1.6	2
57	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-c]pyridazin-3(2H,5H)-one.. ChemInform, 2005, 36, no.	0.0	0