Francesca Simorini

List of Publications by Year in descending order

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45 papers	1,273 citations	304602 22 h-index	360920 35 g-index
49 all docs	49 docs citations	49 times ranked	1585 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.	2.9	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.	2.9	80
3	N,N-Dialkyl-2-phenylindol-3-ylglyoxylamides. A New Class of Potent and Selective Ligands at the Peripheral Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2004, 47, 1852-1855.	2.9	75
4	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.	2.9	53
5	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.	2.9	50
6	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.	2.9	47
7	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.	2.9	47
8	New Fluorescent 2-Phenylindolglyoxylamide Derivatives as Probes Targeting the Peripheral-Type Benzodiazepine Receptor:Â Design, Synthesis, and Biological Evaluation. Journal of Medicinal Chemistry, 2007, 50, 404-407.	2.9	46
9	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.	2.9	44
10	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.	2.9	43
11	[1,2,4]Triazino[4,3-a]benzimidazole Acetic Acid Derivatives:Â A New Class of Selective Aldose Reductase Inhibitors. Journal of Medicinal Chemistry, 2001, 44, 4359-4369.	2.9	40
12	Anxiolytic properties of a 2-phenylindolglyoxylamide TSPO ligand: Stimulation of in vitro neurosteroid production affecting GABAA receptor activity. Psychoneuroendocrinology, 2011, 36, 463-472.	1.3	40
13	Novel, Highly Potent Aldose Reductase Inhibitors:â€‰ Cyano(2-oxo-2,3-dihydroindol-3-yl)acetic Acid Derivatives. Journal of Medicinal Chemistry, 2003, 46, 1419-1428.	2.9	39
14	TSPO-ligands prevent oxidative damage and inflammatory response in C6 glioma cells by neurosteroid synthesis. European Journal of Pharmaceutical Sciences, 2016, 88, 124-131.	1.9	36
15	Tricyclic Sulfonamides Incorporating Benzothiopyrano[4,3-c]pyrazole and Pyridothiopyrano[4,3-c]pyrazole Effectively Inhibit Î±- and Î²-Carbonic Anhydrase: X-ray Crystallography and Solution Investigations on 15 Isoforms. Journal of Medicinal Chemistry, 2012, 55, 9619-9629.	2.9	35
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.	2.9	31
17	Benzothiopyranoindole-Based Antiproliferative Agents: Synthesis, Cytotoxicity, Nucleic Acids Interaction, and Topoisomerases Inhibition Properties. Journal of Medicinal Chemistry, 2009, 52, 5429-5441.	2.9	30
18	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.	2.9	28

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19	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.	2.9	27
20	Dialkylaminoalkylindolonaphthyridines as potential antitumour agents: synthesis, cytotoxicity and DNA binding properties. European Journal of Medicinal Chemistry, 2002, 37, 475-486.	2.6	25
21	Novel Irreversible Fluorescent Probes Targeting the 18 kDa Translocator Protein: Synthesis and Biological Characterization. Journal of Medicinal Chemistry, 2010, 53, 4085-4093.	2.9	25
22	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.	2.9	24
23	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.	1.4	23
24	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.	2.9	22
25	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.	2.9	22
26	PIGA (N,N-Di-n-butyl-5-chloro-2-(4-chlorophenyl)indol-3-ylglyoxylamide), a New Mitochondrial Benzodiazepine-Receptor Ligand, Induces Apoptosis in C6 glioma Cells. ChemBioChem, 2005, 6, 1082-1088.	1.3	21
27	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.	2.9	21
28	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.	2.9	20
29	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.	1.4	19
30	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3. Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies.. Journal of Medicinal Chemistry, 2014, 57, 1225-1235.	2.9	18
31	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.	1.4	18
32	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.	2.6	17
33	Tertiary amides with a five-membered heteroaromatic ring as new probes for the translocator protein. European Journal of Medicinal Chemistry, 2011, 46, 4506-4520.	2.6	15
34	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.	1.4	14
35	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.	1.0	8
36	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.	2.1	7

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37	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.	2.6	7
38	Medicinal Chemistry of Indolylglyoxylamide TSPO High Affinity Ligands with Anxiolytic-Like Effects. Current Topics in Medicinal Chemistry, 2012, 12, 333-351.	1.0	6
39	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	2.6	5
40	Translocator Protein 18-kDa: a promising target to treat neuroinflammation-related degenerative diseases. Current Medicinal Chemistry, 2022, 29, .	1.2	4
41	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.	2.1	3
42	Synthesis of New Heterocyclic Ring Systems via [1,3,5]Triazino[1,2-a]benzimidazole Derivatives. Journal of Heterocyclic Chemistry, 2005, 42, 1417-1422.	1.4	3
43	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.	1.3	3
44	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.	1.4	2
45	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.	0.1	0