

Francesca Simorini

List of Publications by Year in descending order

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papers

1,273
citations

304602

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all docs

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docs citations

49
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Translocator Protein 18-kDa: a promising target to treat neuroinflammation-related degenerative diseases. <i>Current Medicinal Chemistry</i> , 2022, 29, .	1.2	4
2	Discovery of Pyrido[3,4-b:5,6-d]thiopyrano[4,3-d]pyrimidine-Based Antiproliferative Multikinase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 457-462.	1.3	3
3	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 46-58.	2.6	5
4	New insights in the structure-activity relationships of 2-phenylamino-substituted benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 446-456.	2.6	7
5	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
6	TSPO-ligands prevent oxidative damage and inflammatory response in C6 glioma cells by neurosteroid synthesis. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 88, 124-131.	1.9	36
7	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
8	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6081-6092.	2.9	31
9	Investigation of new 2-aryl substituted Benzothiopyrano[4,3-d]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
10	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
11	Phenylpyrazolo[1,5-a]quinazolin-5(4H)-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
12	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
13	Medicinal Chemistry of Indolylglyoxylamide GABAA/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
14	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
15	Tricyclic Sulfonamides Incorporating Benzothiopyrano[4,3-c]pyrazole and Pyridothiopyrano[4,3-c]pyrazole Effectively Inhibit α - and β -Carbonic Anhydrase: X-ray Crystallography and Solution Investigations on 15 Isoforms. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9619-9629.	2.9	35
16	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. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1490-1499.	2.9	28
17	Anxiolytic properties of a 2-phenylindolglyoxylamide TSPO ligand: Stimulation of in vitro neurosteroid production affecting GABAA receptor activity. <i>Psychoneuroendocrinology</i> , 2011, 36, 463-472.	1.3	40
18	Tertiary amides with a five-membered heteroaromatic ring as new probes for the translocator protein. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4506-4520.	2.6	15

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19	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
20	Novel <i>N</i> -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
21	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
22	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
23	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
24	Synthesis and in vitro antiproliferative activity of new substituted benzo[3,2:5,6]thiopyrano[4,3- <i>d</i>]pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 745-749.	1.4	14
25	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
26	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
27	New Fluorescent 2-Phenylindolglyoxylamide Derivatives as Probes Targeting the Peripheral-Type Benzodiazepine Receptor: Design, Synthesis, and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 404-407.	2.9	46
28	Novel <i>N</i> -Substituted Indol-3-ylglyoxylamides Probing the L ₁ /L ₂ 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
29	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
30	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
31	Refinement of the Benzodiazepine Receptor Site Topology by Structure-Activity Relationships of New <i>N</i> -(Heteroaryl)methyl)indol-3-ylglyoxylamides. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2489-2495.	2.9	22
32	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3,2:5,6]thiopyrano[4,3- <i>c</i>]pyridazin-3(2H,5H)-one. <i>Archiv Der Pharmazie</i> , 2005, 338, 126-132.	2.1	3
33	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
34	PIGA (N,N-Di- <i>n</i> -butyl-5-chloro-2-(4-chlorophenyl)indol-3-ylglyoxylamide), a New Mitochondrial Benzodiazepine-Receptor Ligand, Induces Apoptosis in C6 glioma Cells. <i>ChemBioChem</i> , 2005, 6, 1082-1088.	1.3	21
35	Synthesis and Benzodiazepine Receptor Affinity of Derivatives of the New Tricyclic Heteroaromatic System Pyrido[3,2:5,6]thiopyrano[4,3- <i>c</i>]pyridazin-3(2H,5H)-one. <i>ChemInform</i> , 2005, 36, no.	0.1	0
36	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

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37	Novel, Highly Potent Adenosine Deaminase Inhibitors Containing the Pyrazolo[3,4-d]pyrimidine Ring System. Synthesis, Structure-Activity Relationships, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5162-5174.	2.9	47
38	N,N-Dialkyl-2-phenylindol-3-ylglyoxylamides. A New Class of Potent and Selective Ligands at the Peripheral Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 1852-1855.	2.9	75
39	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. <i>Archiv Der Pharmazie</i> , 2003, 336, 413-421.	2.1	7
40	Novel, Highly Potent Aldose Reductase Inhibitors: Cyano(2-oxo-2,3-dihydroindol-3-yl)acetic Acid Derivatives. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1419-1428.	2.9	39
41	Synthesis of novel pyrido[3,2-b]thiopyrano[3,2-b]indol-5(6H)-ones and 6H-pyrido[3,2-b]thiopyrano[4,3-b]quinolines, two new heterocyclic ring systems. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1001-1006.	1.4	19
42	An approach to novel fused triazole or tetrazole derivatives starting from benzimidazo[1,2-a]quinazoline-5(7H)-one and 5,7-dihydro-5-oxopyrido[3,2-a]pyrimido[1,2-a]benzimidazole. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1007-1011.	1.4	23
43	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
44	[1,2,4]Triazino[4,3-a]benzimidazole Acetic Acid Derivatives: A New Class of Selective Aldose Reductase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 4359-4369.	2.9	40
45	Synthesis of a novel purine-containing heterocyclic ring system: 8,10-dimethylindolo[2,3-b]triazino[4,3-f]purine-9,11(8H, 10H, 13H)-dione. <i>Journal of Heterocyclic Chemistry</i> , 2000, 37, 373-377.		