

Francesco Frecentese

List of Publications by Year in descending order

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57
papers

920
citations

471509

17
h-index

526287

27
g-index

60
all docs

60
docs citations

60
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	5-HT _{1A} Receptor: An Old Target as a New Attractive Tool in Drug Discovery from Central Nervous System to Cancer. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4407-4426.	6.4	85
2	A suitable 1,2,4-oxadiazoles synthesis by microwave irradiation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4491-4493.	2.2	46
3	Level, potential sources of polycyclic aromatic hydrocarbons (PAHs) in particulate matter (PM10) in Naples. <i>Atmospheric Environment</i> , 2016, 129, 186-196.	4.1	45
4	Synthesis and Pharmacological Evaluations of Sildenafil Analogues for Treatment of Erectile Dysfunction. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2807-2815.	6.4	42
5	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1677-1686.	5.5	38
6	Trends in H ₂ S-Donors Chemistry and Their Effects in Cardiovascular Diseases. <i>Antioxidants</i> , 2021, 10, 429.	5.1	38
7	Heavy Metals Size Distribution in PM10 and Environmental-Sanitary Risk Analysis in Acerra (Italy). <i>Atmosphere</i> , 2018, 9, 58.	2.3	37
8	H ₂ S Donors and Their Use in Medicinal Chemistry. <i>Biomolecules</i> , 2021, 11, 1899.	4.0	36
9	Lipophilic and polar interaction forces between acidic drugs and membrane phospholipids encoded in IAM-HPLC indexes: Their role in membrane partition and relationships with BBB permeation data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 75, 165-172.	2.8	32
10	Structure-activity relationships study of isothiocyanates for H ₂ S releasing properties: 3-Pyridyl-isothiocyanate as a new promising cardioprotective agent. <i>Journal of Advanced Research</i> , 2021, 27, 41-53.	9.5	28
11	Anti-metastatic Properties of Naproxen-HBTA in a Murine Model of Cutaneous Melanoma. <i>Frontiers in Pharmacology</i> , 2019, 10, 66.	3.5	22
12	Fragment-based de novo design of a cystathionine β -lyase selective inhibitor blocking hydrogen sulfide production. <i>Scientific Reports</i> , 2016, 6, 34398.	3.3	20
13	Synthesis and <i>in vitro</i> Pharmacological Evaluation of New 5-HT _{1A} Receptor Ligands Containing a Benzotriazinone Nucleus. <i>Archiv Der Pharmazie</i> , 2008, 341, 20-27.	4.1	19
14	Efficient microwave combinatorial synthesis of novel indolic arylpiperazine derivatives as serotonergic ligands. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 752-759.	5.5	19
15	Microwave Assisted Organic Synthesis of Heterocycles in Aqueous Media: Recent Advances in Medicinal Chemistry. <i>Medicinal Chemistry</i> , 2016, 12, 720-732.	1.5	19
16	A Valuable Synthesis of Reduced Peptide Bond by Microwave Irradiation. <i>QSAR and Combinatorial Science</i> , 2004, 23, 899-901.	1.4	18
17	Efficient Microwave Combinatorial Parallel and Nonparallel Synthesis of N-Alkylated Glycine Methyl Esters as Peptide Building Blocks. <i>ACS Combinatorial Science</i> , 2005, 7, 618-621.	3.3	17
18	Design and synthesis of potential β -sheet nucleators via Suzuki coupling reaction. <i>Tetrahedron</i> , 2007, 63, 12779-12785.	1.9	17

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19	New 5-HT1A receptor ligands containing a N ² -cyanoisonicotinamide nucleus: Synthesis and in vitro pharmacological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2978-2982.	2.2	17
20	New 5-HT1A, 5HT2A and 5HT2C receptor ligands containing a picolinic nucleus: Synthesis, in vitro and in vivo pharmacological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5820-5837.	3.0	17
21	H2S donating corticosteroids: Design, synthesis and biological evaluation in a murine model of asthma. <i>Journal of Advanced Research</i> , 2022, 35, 267-277.	9.5	17
22	Design, synthesis and biological evaluation of TAR and cTAR binders as HIV-1 nucleocapsid inhibitors. <i>MedChemComm</i> , 2013, 4, 1388.	3.4	16
23	Inhibition of rat vas deferens contractions by flavonoids in-vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 381-384.	2.4	15
24	Kallikrein Protease Activated Receptor (PAR) Axis: An Attractive Target for Drug Development. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6669-6686.	6.4	15
25	Synthesis and in Vitro Screening of New Series of 2,6-Dipeptidyl-anthraquinones: Influence of Side Chain Length on HIV-1 Nucleocapsid Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1914-1924.	6.4	15
26	Synthesis and pharmacological evaluation of peptide-mimetic protease-activated receptor-1 antagonists containing novel heterocyclic scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6009-6020.	3.0	14
27	Synthesis, in vitro and in vivo pharmacological evaluation of serotonergic ligands containing an isonicotinic nucleus. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 133-150.	5.5	14
28	Efficient microwave-assisted synthesis of 4-amino-2-benzazepin-3-ones as conformationally restricted dipeptide mimetics. <i>Tetrahedron</i> , 2009, 65, 206-211.	1.9	12
29	New potent 5-HT2A receptor ligands containing an N ² -cyanopicolinamide nucleus: Synthesis and in vitro pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 520-529.	5.5	12
30	Involvement of 3',5'-cyclic inosine monophosphate in cystathionine β -lyase-dependent regulation of the vascular tone. <i>British Journal of Pharmacology</i> , 2021, 178, 3765-3782.	5.4	12
31	Microwave solvent free regioselective 1,3 dipolar cycloaddition in the synthesis of 1,4 substituted [1,2,3]-triazoles as amide bond isosteres. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 815-819.	2.6	11
32	Synthesis of 1-naphthylpiperazine derivatives as serotonergic ligands and their evaluation as antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2206-2216.	5.5	11
33	Chemical Composition of PM10 at Urban Sites in Naples (Italy). <i>Atmosphere</i> , 2016, 7, 163.	2.3	11
34	Genetic Up-Regulation or Pharmacological Activation of the Na ⁺ /Ca ²⁺ Exchanger 1 (NCX1) Enhances Hippocampal-Dependent Contextual and Spatial Learning and Memory. <i>Molecular Neurobiology</i> , 2020, 57, 2358-2376.	4.0	11
35	Synthesis by Microwave Irradiation and Antidiarrhoeal Activity of Benzotriazinone and Saccharine Derivatives. <i>Archiv Der Pharmazie</i> , 2005, 338, 548-555.	4.1	10
36	Synthesis of benzamide derivatives and their evaluation as antiprion agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5001-5011.	3.0	10

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37	Hybrids between H2S-donors and betamethasone 17-valerate or triamcinolone acetonide inhibit mast cell degranulation and promote hyperpolarization of bronchial smooth muscle cells. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113517.	5.5	10
38	Identification of a pepducin acting as S1P ₃ receptor antagonist. <i>Journal of Peptide Science</i> , 2013, 19, 717-724.	1.4	9
39	Synthesis and <i>In Vitro</i> Pharmacological Evaluation of Novel 2-Hydroxypropyl-4-arylpiperazine Derivatives as Serotonergic Ligands. <i>Archiv Der Pharmazie</i> , 2014, 347, 698-706.	4.1	9
40	Design of Sphingosine Kinases Inhibitors: Challenges and Recent Developments. <i>Current Pharmaceutical Design</i> , 2019, 25, 956-968.	1.9	9
41	Prolonged NCX activation prevents SOD1 accumulation, reduces neuroinflammation, ameliorates motor behavior and prolongs survival in a ALS mouse model. <i>Neurobiology of Disease</i> , 2021, 159, 105480.	4.4	8
42	Non-Natural Linker Configuration in 2,6-Dipeptidyl-Anthraquinones Enhances the Inhibition of TAR RNA Binding/Annealing Activities by HIV-1 NC and Tat Proteins. <i>Bioconjugate Chemistry</i> , 2018, 29, 2195-2207.	3.6	7
43	Synthesis, docking studies, and pharmacological evaluation of 5HT _{2C} ligands containing the <i>N</i> -cyanoisonicotinamide or <i>N</i> -cyanopicolinamide nucleus. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800373.	4.1	7
44	PCB levels in adipose tissue of dogs from illegal dumping sites in Campania region (Italy). <i>Chemosphere</i> , 2020, 244, 125478.	8.2	7
45	Synthesis, docking studies, and pharmacological evaluation of 2-Hydroxypropyl-4-arylpiperazine derivatives as serotonergic ligands. <i>Archiv Der Pharmazie</i> , 2021, 354, 2000414.	4.1	7
46	New Insights into the Structure-Activity Relationship and Neuroprotective Profile of Benzodiazepinone Derivatives of <i>Neurounina-1</i> as Modulators of the Na ⁺ /Ca ²⁺ Exchanger Isoforms. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17901-17919.	6.4	6
47	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2332.	4.1	5
48	Development, Validation of LC-MS/MS Method and Determination of Pharmacokinetic Parameters of the Stroke Neuroprotectant <i>Neurounina-1</i> in Beagle Dog Plasma After Intravenous Administration. <i>Frontiers in Pharmacology</i> , 2019, 10, 432.	3.5	5
49	Synthesis, biological evaluation, and docking studies of PAR2-AP-derived pseudopeptides as inhibitors of kallikrein 5 and 6. <i>Biological Chemistry</i> , 2015, 396, 45-52.	2.5	4
50	Propylthiouracil quantification in human plasma by high-performance liquid chromatography coupled with electrospray tandem mass spectrometry: Application in a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 19-28.	2.3	3
51	Quantification of estradiol cypionate in plasma by liquid chromatography coupled with tandem mass spectrometry: Application in a pharmacokinetic study in healthy female volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 273-278.	2.8	3
52	Multiple <i>In Vitro</i> Inhibition of HIV-1 Proteins by 2,6-Dipeptidyl-anthraquinone Conjugates Targeting the PBS RNA. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 949-955.	2.8	1
53	Antagonizing S1P ₃ Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8861.	4.1	1
54	New Serotonergic Ligands Containing Indolic and Methyl Indolic Nuclei: Synthesis and <i>In Vitro</i> Pharmacological Evaluation. <i>Medicinal Chemistry</i> , 2020, 16, 517-530.	1.5	1

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55	Synthesis of N-Fmoc-N ^ε -bis-Boc-5-, 6- and 8-guanyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylic Acid (5-GTIC, 6-GTIC and 8-GTIC). <i>Synthesis</i> , 2004, 2004, 3011-3016.	2.3	0
56	A Suitable 1,2,4-Oxadiazoles Synthesis by Microwave Irradiation.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
57	Synthesis of Arylpiperazine Derivatives as Protease Activated Receptor 1 Antagonists and Their Evaluation as Antiproliferative Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 973-981.	1.7	0