Francesco Frecentese

List of Publications by Year
in descending order

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	H2S donating corticosteroids: Design, synthesis and biological evaluation in a murine model of asthma. Journal of Advanced Research, 2022, 35, 267-277.	9.5	17
2	Structure-activity relationships study of isothiocyanates for H2S releasing properties: 3-Pyridyl-isothiocyanate as a new promising cardioprotective agent. Journal of Advanced Research, 2021, 27, 41-53.	9.5	28
3	Synthesis, docking studies, and pharmacological evaluation of 2â€hydroxypropylâ€4â€arylpiperazine derivatives as serotoninergic ligands. Archiv Der Pharmazie, 2021, 354, 2000414.	4.1	7
4	Trends in H2S-Donors Chemistry and Their Effects in Cardiovascular Diseases. Antioxidants, 2021, 10, 429.	5.1	38
5	Involvement of 3â€²,5â€²â€cyclic inosine monophosphate in cystathionine Î³â€lyaseâ€dependent regulation of the vascular tone. British Journal of Pharmacology, 2021, 178, 3765-3782.	5.4	12
6	Antagonizing S1P3 Receptor with Cell-Penetrating Pepducins in Skeletal Muscle Fibrosis. International Journal of Molecular Sciences, 2021, 22, 8861.	4.1	1
7	Hybrids between H2S-donors and betamethasone 17-valerate or triamcinolone acetonide inhibit mast cell degranulation and promote hyperpolarization of bronchial smooth muscle cells. European Journal of Medicinal Chemistry, 2021, 221, 113517.	5.5	10
8	Prolonged NCX activation prevents SOD1 accumulation, reduces neuroinflammation, ameliorates motor behavior and prolongs survival in a ALS mouse model. Neurobiology of Disease, 2021, 159, 105480.	4.4	8
9	New Insights into the Structureâ€"Activity Relationship and Neuroprotective Profile of Benzodiazepinone Derivatives of Neurounina-1 as Modulators of the Na⁺/Ca²⁺ Exchanger Isoforms. Journal of Medicinal Chemistry, 2021, 64, 17901-17919.	6.4	6
10	H2S Donors and Their Use in Medicinal Chemistry. Biomolecules, 2021, 11, 1899.	4.0	36
11	PCB levels in adipose tissue of dogs from illegal dumping sites in Campania region (Italy). Chemosphere, 2020, 244, 125478.	8.2	7
12	Multiple in Vitro Inhibition of HIV-1 Proteins by 2,6-Dipeptidyl-anthraquinone Conjugates Targeting the PBS RNA. ACS Medicinal Chemistry Letters, 2020, 11, 949-955.	2.8	1
13	Genetic Up-Regulation or Pharmacological Activation of the Na+/Ca2+ Exchanger 1 (NCX1) Enhances Hippocampal-Dependent Contextual and Spatial Learning and Memory. Molecular Neurobiology, 2020, 57, 2358-2376.	4.0	11
14	New Serotoninergic Ligands Containing Indolic and Methyl Indolic Nuclei: Synthesis and In Vitro Pharmacological Evaluation. Medicinal Chemistry, 2020, 16, 517-530.	1.5	1
15	Development, Validation of LC-MS/MS Method and Determination of Pharmacokinetic Parameters of the Stroke Neuroprotectant Neurounina-1 in Beagle Dog Plasma After Intravenous Administration. Frontiers in Pharmacology, 2019, 10, 432.	3.5	5
16	Synthesis, docking studies, and pharmacological evaluation of 5HT_{2C} ligands containing the Nâ€²â€cyanoisonicotinamidine or Nâ€²â€cyanopicolinamidine nucleus. Archiv Der Pharmazie, 2019, 352, e1800373.	4.1	7
17	Anti-metastatic Properties of Naproxen-HBTA in a Murine Model of Cutaneous Melanoma. Frontiers in Pharmacology, 2019, 10, 66.	3.5	22
18	Quantification of estradiol cypionate in plasma by liquid chromatography coupled with tandem mass spectrometry: Application in a pharmacokinetic study in healthy female volunteers. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 273-278.	2.8	3

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19	Design of Sphingosine Kinases Inhibitors: Challenges and Recent Developments. Current Pharmaceutical Design, 2019, 25, 956-968.	1.9	9
20	1,2,4-Thiadiazolidin-3,5-diones as novel hydrogen sulfide donors. European Journal of Medicinal Chemistry, 2018, 143, 1677-1686.	5.5	38
21	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. Bioconjugate Chemistry, 2018, 29, 2195-2207.	3.6	7
22	Heavy Metals Size Distribution in PM10 and Environmental-Sanitary Risk Analysis in Acerra (Italy). Atmosphere, 2018, 9, 58.	2.3	37
23	New 5-HT1A, 5HT2A and 5HT2C receptor ligands containing a picolinic nucleus: Synthesis, in vitro and in vivo pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 5820-5837.	3.0	17
24	Development of 1,2,3-Triazole-Based Sphingosine Kinase Inhibitors and Their Evaluation as Antiproliferative Agents. International Journal of Molecular Sciences, 2017, 18, 2332.	4.1	5
25	Synthesis of Arylpiperazine Derivatives as Protease Activated Receptor 1 Antagonists and Their Evaluation as Antiproliferative Agents. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 973-981.	1.7	0
26	Chemical Composition of PM10 at Urban Sites in Naples (Italy). Atmosphere, 2016, 7, 163.	2.3	11
27	Fragment-based de novo design of a cystathionine Î³-lyase selective inhibitor blocking hydrogen sulfide production. Scientific Reports, 2016, 6, 34398.	3.3	20
28	Synthesis, inÂvitro and inÂvivo pharmacological evaluation of serotoninergic ligands containing an isonicotinic nucleus. European Journal of Medicinal Chemistry, 2016, 110, 133-150.	5.5	14
29	Level, potential sources of polycyclic aromatic hydrocarbons (PAHs) in particulate matter (PM10) in Naples. Atmospheric Environment, 2016, 129, 186-196.	4.1	45
30	Synthesis and in Vitro Screening of New Series of 2,6-Dipeptidyl-anthraquinones: Influence of Side Chain Length on HIV-1 Nucleocapsid Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 1914-1924.	6.4	15
31	Microwave Assisted Organic Synthesis of Heterocycles in Aqueous Media: Recent Advances in Medicinal Chemistry. Medicinal Chemistry, 2016, 12, 720-732.	1.5	19
32	Synthesis, biological evaluation, and docking studies of PAR2-AP-derived pseudopeptides as inhibitors of kallikrein 5 and 6. Biological Chemistry, 2015, 396, 45-52.	2.5	4
33	Synthesis and In Vitro Pharmacological Evaluation of Novel 2â€Hydroxypropylâ€4â€arylpiperazine Derivatives as Serotoninergic Ligands. Archiv Der Pharmazie, 2014, 347, 698-706.	4.1	9
34	5-HT_{1A} Receptor: An Old Target as a New Attractive Tool in Drug Discovery from Central Nervous System to Cancer. Journal of Medicinal Chemistry, 2014, 57, 4407-4426.	6.4	85
35	Propylthiouracil quantification in human plasma by high-performance liquid chromatography coupled with electrospray tandem mass spectrometry: Application in a bioequivalence study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 969, 19-28.	2.3	3
36	Design, synthesis and biological evaluation of TAR and cTAR binders as HIV-1 nucleocapsid inhibitors. MedChemComm, 2013, 4, 1388.	3.4	16

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37	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. Journal of Pharmaceutical and Biomedical Analysis, 2013, 75, 165-172.	2.8	32
38	Identification of a pepducin acting as S1P₃ receptor antagonist. Journal of Peptide Science, 2013, 19, 717-724.	1.4	9
39	Synthesis of benzamide derivatives and their evaluation as antiprion agents. Bioorganic and Medicinal Chemistry, 2012, 20, 5001-5011.	3.0	10
40	Kallikrein Protease Activated Receptor (PAR) Axis: An Attractive Target for Drug Development. Journal of Medicinal Chemistry, 2012, 55, 6669-6686.	6.4	15
41	New potent 5-HT2A receptor ligands containing an Nâ€²-cyanopicolinamidine nucleus: Synthesis and inÂvitro pharmacological evaluation. European Journal of Medicinal Chemistry, 2012, 47, 520-529.	5.5	12
42	Synthesis of 1-naphtylpiperazine derivatives as serotoninergic ligands and their evaluation as antiproliferative agents. European Journal of Medicinal Chemistry, 2011, 46, 2206-2216.	5.5	11
43	Inhibition of rat vas deferens contractions by flavonoids in-vitroâ€. Journal of Pharmacy and Pharmacology, 2010, 58, 381-384.	2.4	15
44	Efficient microwave combinatorial synthesis of novel indolic arylpiperazine derivatives as serotoninergic ligands. European Journal of Medicinal Chemistry, 2010, 45, 752-759.	5.5	19
45	New 5-HT1A receptor ligands containing a Nâ€²-cyanoisonicotinamidine nucleus: Synthesis and in vitro pharmacological evaluation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2978-2982.	2.2	17
46	Efficient microwave-assisted synthesis of 4-amino-2-benzazepin-3-ones as conformationally restricted dipeptide mimetics. Tetrahedron, 2009, 65, 206-211.	1.9	12
47	Synthesis and Inâ€vitro Pharmacological Evaluation of New 5â€HT_{1A}Receptor Ligands Containing a Benzotriazinone Nucleus. Archiv Der Pharmazie, 2008, 341, 20-27.	4.1	19
48	Synthesis and pharmacological evaluation of peptide-mimetic protease-activated receptor-1 antagonists containing novel heterocyclic scaffolds. Bioorganic and Medicinal Chemistry, 2008, 16, 6009-6020.	3.0	14
49	Synthesis and Pharmacological Evaluations of Sildenafil Analogues for Treatment of Erectile Dysfunction. Journal of Medicinal Chemistry, 2008, 51, 2807-2815.	6.4	42
50	Microwave solvent free regioselective 1,3 dipolar cycloaddition in the synthesis of 1,4 substituted [1,2,3]â€triazoles as amide bond isosteres. Journal of Heterocyclic Chemistry, 2007, 44, 815-819.	2.6	11
51	Design and synthesis of potential Î²-sheet nucleators via Suzuki coupling reaction. Tetrahedron, 2007, 63, 12779-12785.	1.9	17
52	Synthesis by Microwave Irradiation and Antidiarrhoeal Activity of Benzotriazinone and Saccharine Derivatives. Archiv Der Pharmazie, 2005, 338, 548-555.	4.1	10
53	Efficient Microwave Combinatorial Parallel and Nonparallel Synthesis of N-Alkylated Glycine Methyl Esters as Peptide Building Blocks. ACS Combinatorial Science, 2005, 7, 618-621.	3.3	17
54	Synthesis ofN Î±-FmocN,Nâ€²-bis-Boc-5-, 6- and 8-guanyl-1,2,3,4-tetrahydroisoquinoline-3-carboxylic Acid (5-GTIC, 6-GTIC and 8-GTIC). Synthesis, 2004, 2004, 3011-3016.	2.3	0

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55	A suitable 1,2,4-oxadiazoles synthesis by microwave irradiation. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4491-4493.	2.2	46
56	A Valuable Synthesis of Reduced Peptide Bond by Microwave Irradiation. QSAR and Combinatorial Science, 2004, 23, 899-901.	1.4	18
57	A Suitable 1,2,4-Oxadiazoles Synthesis by Microwave Irradiation.. ChemInform, 2004, 35, no.	0.0	0