Antonio Carrieri

List of Publications by Year
in descending order

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64 papers	1,350 citations	331259 21 h-index	395343 33 g-index
65 all docs	65 docs citations	65 times ranked	1981 citing authors

#	Article	IF	Citations
1	Natural and synthetic geiparvarins are strong and selective MAO-B inhibitors. synthesis and SAR studies. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 3551-3555.	1.0	87
2	Structureâ^'Activity Relationships in 1,4-Benzodioxan-Related Compounds. 7.1Selectivity of 4-Phenylchroman Analogues for Î±1â^'Adrenoreceptor Subtypes. Journal of Medicinal Chemistry, 2002, 45, 1633-1643.	2.9	77
3	2-Aminobenzothiazole derivatives: Search for new antifungal agents. European Journal of Medicinal Chemistry, 2013, 64, 357-364.	2.6	75
4	Coumarin, chromone, and 4(3H)-pyrimidinone novel bicyclic and tricyclic derivatives as antiplatelet agents: synthesis, biological evaluation, and comparative molecular field analysis. Bioorganic and Medicinal Chemistry, 2003, 11, 123-138.	1.4	61
5	Elucidation of the synergistic action of Mentha Piperita essential oil with common antimicrobials. PLoS ONE, 2018, 13, e0200902.	1.1	57
6	New Serotonin 5-HT2A, 5-HT2B, and 5-HT2CReceptor Antagonists:Â Synthesis, Pharmacology, 3D-QSAR, and Molecular Modeling of (Aminoalkyl)benzo and Heterocycloalkanones. Journal of Medicinal Chemistry, 2002, 45, 54-71.	2.9	53
7	Investigating 1,2,3,4,5,6-hexahydroazepino[4,3-b]indole as scaffold of butyrylcholinesterase-selective inhibitors with additional neuroprotective activities for Alzheimer's disease. European Journal of Medicinal Chemistry, 2019, 177, 414-424.	2.6	41
8	Structureâ^'Activity Relationships in 1,4-Benzodioxan-Related Compounds. 9. From 1,4-Benzodioxane to 1,4-Dioxane Ring as a Promising Template of Novel Î±_{1D}-Adrenoreceptor Antagonists, 5-HT_{1A} Full Agonists, and Cytotoxic Agents. Journal of Medicinal Chemistry, 2008, 51, 6359-6370.	2.9	36
9	In vitro interactions between anidulafungin and nonsteroidal anti-inflammatory drugs on biofilms of Candida spp.. Bioorganic and Medicinal Chemistry, 2016, 24, 1002-1005.	1.4	36
10	Conformationally Constrained Butyrophenones with Mixed Dopaminergic (D2) and Serotoninergic (5-HT2A, 5-HT2C) Affinities:â€‰ Synthesis, Pharmacology, 3D-QSAR, and Molecular Modeling of (Aminoalkyl)benzo- and -thienocycloalkanones as Putative Atypical Antipsychotics. Journal of Medicinal Chemistry, 1999, 42, 2774-2797.	2.9	35
11	Dioxane and oxathiane nuclei: Suitable substructures for muscarinic agonists. Bioorganic and Medicinal Chemistry, 2007, 15, 886-896.	1.4	33
12	Î±2-Adrenoreceptors Profile Modulation. 2. Biphenyline Analogues as Tools for Selective Activation of the Î±2C-Subtype. Journal of Medicinal Chemistry, 2004, 47, 6160-6173.	2.9	32
13	Involvement of I2-imidazoline binding sites in positive and negative morphine analgesia modulatory effects. European Journal of Pharmacology, 2006, 553, 73-81.	1.7	31
14	Effect of Methyl-Î²-Cyclodextrin on the antimicrobial activity of a new series of poorly water-soluble benzothiazoles. Carbohydrate Polymers, 2019, 207, 720-728.	5.1	31
15	Î±2-Adrenoreceptors Profile Modulation and High Antinociceptive Activity of (S)-(â^')-2-[1-(Biphenyl-2-yloxy)ethyl]-4,5-dihydro-1H-imidazole. Journal of Medicinal Chemistry, 2002, 45, 32-40.	2.9	30
16	Binding models of reversible inhibitors to type-B monoamine oxidase. Journal of Computer-Aided Molecular Design, 2002, 16, 769-778.	1.3	29
17	4Hâ€1,4â€Benzothiazine, Dihydroâ€1,4â€benzothiazinones and 2â€Aminoâ€5â€fluorobenzenethiol Derivatives: Design, Synthesis and in vitro Antimicrobial Screening. Archiv Der Pharmazie, 2012, 345, 407-416.	2.1	29
18	Recent Trends and Future Prospects in Computational GPCR Drug Discovery: From Virtual Screening to Polypharmacology. Current Topics in Medicinal Chemistry, 2013, 13, 1069-1097.	1.0	27

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19	Structureâ€“property relationship study of the HPLC enantioselective retention of neuroprotective 7â€²-[(1â€²-alkylpiperidinâ€²-3â€²-yl)methoxy]coumarin derivatives on an amyloseâ€“based chiral stationary phase. Journal of Separation Science, 2018, 41, 1376-1384.	1.3	26
20	Design, synthesis and biological evaluation of a class of bioisosteric oximes of the novel dual peroxisome proliferator-activated receptor Î±/Î³ ligand LT175. European Journal of Medicinal Chemistry, 2015, 90, 583-594.	2.6	25
21	miRNAs for the Detection of MultiDrug Resistance: Overview and Perspectives. Molecules, 2014, 19, 5611-5623.	1.7	24
22	2D- and 3D-QSAR of Tocainide and Mexiletine analogues acting as Nav1.4 channel blockers. European Journal of Medicinal Chemistry, 2009, 44, 1477-1485.	2.6	21
23	Diffuse Intrinsic Pontine Glioma (DIPG): Breakthrough and Clinical Perspective. Current Medicinal Chemistry, 2021, 28, 3287-3317.	1.2	21
24	N-Aryl-2,6-dimethylbenzamides, a New Generation of Tocainide Analogues as Blockers of Skeletal Muscle Voltage-Gated Sodium Channels. Journal of Medicinal Chemistry, 2014, 57, 2589-2600.	2.9	20
25	Structureâ€“Activity Relationship Studies on Tetrahydroisoquinoline Derivatives: [4â€²-(6,7-Dimethoxy-3,4-dihydro-1H-isoquinolin-2-ylmethyl)biphenyl-4-ol] (MC70) Conjugated through Flexible Alkyl Chains with Furazan Moieties Gives Rise to Potent and Selective Ligands of P-glycoprotein. Journal of Medicinal Chemistry, 2016, 59, 6729-6738.	2.9	20
26	Molecular determinants for nuclear receptors selectivity: Chemometric analysis, dockings and site-directed mutagenesis of dual peroxisome proliferator-activated receptors Î±/Î³ agonists. European Journal of Medicinal Chemistry, 2013, 63, 321-332.	2.6	19
27	Evaluation of Waterâ€Soluble Mannich Base Prodrugs of 2,3,4,5â€Tetrahydroazepino[4,3â€b]indolâ€1(6H)â€one as Multitargetâ€Directed Agents for Alzheimer's Disease. ChemMedChem, 2021, 16, 589-598.	1.6	19
28	Non-Antibiotic Drug Repositioning as an Alternative Antimicrobial Approach. Antibiotics, 2022, 11, 816.	1.5	19
29	Î±₂-Adrenoreceptors Profile Modulation. 4. From Antagonist to Agonist Behavior. Journal of Medicinal Chemistry, 2008, 51, 4289-4299.	2.9	18
30	Biological Profiling of Antiâ€HIV Agents and Insight into CCR5 Antagonist Binding Using inâ€…silico Techniques. ChemMedChem, 2009, 4, 1153-1163.	1.6	17
31	Derivatives of Tenuazonic Acid as Potential New Multi-Target Anti-Alzheimerâ€™s Disease Agents. Biomolecules, 2021, 11, 111.	1.8	17
32	Î±2-Adrenoreceptors Profile Modulation. 3. (R)-(+)-m-Nitrobiphenyline, a New Efficient and Î±2C-Subtype Selective Agonist. Journal of Medicinal Chemistry, 2007, 50, 3964-3968.	2.9	16
33	Synthesis, inÂvitro evaluation, and molecular modeling investigation of benzenesulfonimide peroxisome proliferator-activated receptors Î± antagonists. European Journal of Medicinal Chemistry, 2016, 114, 191-200.	2.6	16
34	Synthesis and biological evaluation of pyridazino[4,3-b]indoles and indeno[1,2-c]pyridazines as new ligands of central and peripheral benzodiazepine receptors. Il Farmaco, 2003, 58, 129-140.	0.9	15
35	New tetrahydroisoquinoline-based P-glycoprotein modulators: decoration of the biphenyl core gives selective ligands. MedChemComm, 2018, 9, 862-869.	3.5	15
36	Chasing ChEs-MAO B Multi-Targeting 4-Aminomethyl-7-Benzyloxy-2H-Chromen-2-ones. Molecules, 2019, 24, 4507.	1.7	15

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37	Structure-based design of novel donepezil-like hybrids for a multi-target approach to the therapy of Alzheimer's disease. European Journal of Medicinal Chemistry, 2022, 237, 114358.	2.6	14
38	Investigation of platelet aggregation inhibitory activity by phenyl amides and esters of piperidinecarboxylic acids. Bioorganic and Medicinal Chemistry, 2003, 11, 1439-1450.	1.4	13
39	1,2,3,4-Tetrahydroisoquinoline/2H-chromen-2-one conjugates as nanomolar P-glycoprotein inhibitors: Molecular determinants for affinity and selectivity over multidrug resistance associated protein 1. European Journal of Medicinal Chemistry, 2019, 161, 433-444.	2.6	13
40	Alpidem analogues containing a GABA or glycine moiety as new anticonvulsant agents. European Journal of Pharmaceutical Sciences, 2003, 18, 231-240.	1.9	12
41	Structureâ€“activity relationships in 1,4-benzodioxan-related compounds. 10. Novel Î±1-adrenoreceptor antagonists related to openphendioxan: Synthesis, biological evaluation, and Î±1d computational study. Bioorganic and Medicinal Chemistry, 2010, 18, 7065-7077.	1.4	12
42	Novel imidazoline compounds as partial or full agonists of D2-like dopamine receptors inspired by I2-imidazoline binding sites ligand 2-BFI. Bioorganic and Medicinal Chemistry, 2010, 18, 7085-7091.	1.4	12
43	A convenient synthesis of lubeluzole and its enantiomer: Evaluation as chemosensitizing agents on human ovarian adenocarcinoma and lung carcinoma cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4820-4823.	1.0	12
44	In vitro effectiveness of Anidulafungin against Candida sp. biofilms. Journal of Antibiotics, 2013, 66, 701-704.	1.0	12
45	The chemosensitizing agent lubeluzole binds calmodulin and inhibits Ca 2+ /calmodulin-dependent kinase II. European Journal of Medicinal Chemistry, 2016, 116, 36-45.	2.6	12
46	1,3-Benzothiazoles as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2015, 52, 1705-1712.	1.4	11
47	2-(2-Phenylcyclopropyl)imidazolines:â€‰ Reversed Enantioselective Interaction at I1 and I2 Imidazoline Receptors. Journal of Medicinal Chemistry, 1999, 42, 2737-2740.	2.9	10
48	Might the observed Î±2A-adrenoreceptor agonism or antagonism of allyphenyline analogues be ascribed to different molecular conformations?. Bioorganic and Medicinal Chemistry, 2012, 20, 2082-2090.	1.4	9
49	The Versatile 2â€Substituted Imidazoline Nucleus as a Structural Motif of Ligands Directed to the Serotonin 5â€HT_{1A} Receptor. ChemMedChem, 2016, 11, 2287-2298.	1.6	9
50	Scouting around 1,2,3,4â€Tetrahydrochromeno[3,2â€c]pyridinâ€10â€ones for Singleâ€and Multitarget Ligands Directed towards Relevant Alzheimer's Targets. ChemMedChem, 2020, 15, 1947-1955.	1.6	8
51	Beyond the Canonical Endocannabinoid System. A Screening of PPAR Ligands as FAAH Inhibitors. International Journal of Molecular Sciences, 2020, 21, 7026.	1.8	8
52	A New Series of Aryloxyacetic Acids Endowed with Multi-Target Activity towards Peroxisome Proliferator-Activated Receptors (PPARs), Fatty Acid Amide Hydrolase (FAAH), and Acetylcholinesterase (AChE). Molecules, 2022, 27, 958.	1.7	7
53	Design, Synthesis, Biological Evaluation, and Computational Studies of Novel Ureidopropanamides as Formyl Peptide Receptor 2 (FPR2) Agonists to Target the Resolution of Inflammation in Central Nervous System Disorders. Journal of Medicinal Chemistry, 2022, 65, 5004-5028.	2.9	7
54	Lipophilicity of Teicoplanin Antibiotics as Assessed by Reversed Phase High-performance Liquid Chromatography: Quantitative Structure-property and Structure-activity Relationships. Journal of Pharmacy and Pharmacology, 2011, 46, 994-999.	1.2	6

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55	Distant collaboration in drug discovery: the LINK3D project. Journal of Computer-Aided Molecular Design, 2002, 16, 809-818.	1.3	4
56	The In Silico Insights of α-Adrenergic Receptors Over the Last Decade: Methodological Approaches and Structural Features of the 3D Models. Current Topics in Medicinal Chemistry, 2007, 7, 195-205.	1.0	4
57	Bioisosteric Modification of To042: Synthesis and Evaluation of Promising Useâ€Dependent Inhibitors of Voltageâ€Gated Sodium Channels. ChemMedChem, 2021, 16, 3588-3599.	1.6	3
58	Crystallographic study of PET radiotracers in clinical evaluation for early diagnosis of Alzheimers. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1149-o1150.	0.2	3
59	Enantiomeric Separation and Molecular Modelling of Bioactive 4-Aryl-3,4-dihydropyrimidin-2(1H)-one Ester Derivatives on Teicoplanin-Based Chiral Stationary Phase. Separations, 2022, 9, 7.	1.1	3
60	Alpha2-Adrenergic Receptors in Intestinal Epithelial Cells: Mechanisms of Signaling, Role, and Regulation. Medicinal Chemistry Research, 2004, 13, 170-189.	1.1	2
61	Coumarin, Chromone, and 4(3H)-Pyrimidinone Novel Bicyclic and Tricyclic Derivatives as Antiplatelet Agents: Synthesis, Biological Evaluation, and Comparative Molecular Field Analysis.. ChemInform, 2003, 34, no.	0.1	0
62	Synthesis and Biological Evaluation of Pyridazino[4,3-b]indoles and Indeno[1,2-c]pyridazines as New Ligands of Central and Peripheral Benzodiazepine Receptors.. ChemInform, 2003, 34, no.	0.1	0
63	Guinea-pig ileum as ex vivo model useful to characterize ligands displaying Imidazoline I2 and Adrenergic alpha2 mixed activity: a preliminary study. Drugs and Therapy Studies, 2013, 3, 1.	0.6	0
64	Repositioning of Endonuclear Receptors Binders as Potential Antibacterial and Antifungal Agents. EptyloxÃ¬m: A Potential and Novel Gyrase B and Cytochrome Cyp51 Inhibitor. Molecular Informatics, 2016, 35, 326-332.	1.4	0