Antonio Carrieri

List of Publications by Year
in descending order

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	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
2	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
3	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
4	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
5	Non-Antibiotic Drug Repositioning as an Alternative Antimicrobial Approach. Antibiotics, 2022, 11, 816.	1.5	19
6	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
7	Derivatives of Tenuazonic Acid as Potential New Multi-Target Anti-Alzheimerâ€™s Disease Agents. Biomolecules, 2021, 11, 111.	1.8	17
8	Diffuse Intrinsic Pontine Glioma (DIPG): Breakthrough and Clinical Perspective. Current Medicinal Chemistry, 2021, 28, 3287-3317.	1.2	21
9	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
10	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
11	Beyond the Canonical Endocannabinoid System. A Screening of PPAR Ligands as FAAH Inhibitors. International Journal of Molecular Sciences, 2020, 21, 7026.	1.8	8
12	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
13	Chasing ChEs-MAO B Multi-Targeting 4-Aminomethyl-7-Benzyloxy-2H-Chromen-2-ones. Molecules, 2019, 24, 4507.	1.7	15
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	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
16	New tetrahydroisoquinoline-based P-glycoprotein modulators: decoration of the biphenyl core gives selective ligands. MedChemComm, 2018, 9, 862-869.	3.5	15
17	Structureâ€“property relationship study of the HPLC enantioselective retention of neuroprotective 7â€[(1â€alkylpiperidinâ€3â€yl)methoxy]coumarin derivatives on an amyloseâ€based chiral stationary phase. Journal of Separation Science, 2018, 41, 1376-1384.	1.3	26
18	Elucidation of the synergistic action of Mentha Piperita essential oil with common antimicrobials. PLoS ONE, 2018, 13, e0200902.	1.1	57

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	1,3-Benzothiazoles as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2015, 52, 1705-1712.	1.4	11
27	miRNAs for the Detection of MultiDrug Resistance: Overview and Perspectives. Molecules, 2014, 19, 5611-5623.	1.7	24
28	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
29	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
30	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
31	In vitro effectiveness of Anidulafungin against Candida sp. biofilms. Journal of Antibiotics, 2013, 66, 701-704.	1.0	12
32	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
33	2-Aminobenzothiazole derivatives: Search for new antifungal agents. European Journal of Medicinal Chemistry, 2013, 64, 357-364.	2.6	75
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	Biological Profiling of Antiâ€HIV Agents and Insight into CCR5 Antagonist Binding Using inâ€...silico Techniques. ChemMedChem, 2009, 4, 1153-1163.	1.6	17
42	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
43	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
44	Î±₂-Adrenoreceptors Profile Modulation. 4. From Antagonist to Agonist Behavior. Journal of Medicinal Chemistry, 2008, 51, 4289-4299.	2.9	18
45	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
46	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
47	Dioxane and oxathiane nuclei: Suitable substructures for muscarinic agonists. Bioorganic and Medicinal Chemistry, 2007, 15, 886-896.	1.4	33
48	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
49	Alpha2-Adrenergic Receptors in Intestinal Epithelial Cells: Mechanisms of Signaling, Role, and Regulation. Medicinal Chemistry Research, 2004, 13, 170-189.	1.1	2
50	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
51	Alpidem analogues containing a GABA or glycine moiety as new anticonvulsant agents. European Journal of Pharmaceutical Sciences, 2003, 18, 231-240.	1.9	12
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	Binding models of reversible inhibitors to type-B monoamine oxidase. Journal of Computer-Aided Molecular Design, 2002, 16, 769-778.	1.3	29
62	Distant collaboration in drug discovery: the LINK3D project. Journal of Computer-Aided Molecular Design, 2002, 16, 809-818.	1.3	4
63	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
64	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