

# Cristiano Bolchi

## List of Publications by Year in descending order

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69  
papers

1,027  
citations

361413

20  
h-index

526287

27  
g-index

74  
all docs

74  
docs citations

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times ranked

979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±9â€•and Î±7â€•containing receptors mediate the proâ€•proliferative effects of nicotine in the A549 adenocarcinoma cell line. <i>British Journal of Pharmacology</i> , 2018, 175, 1957-1972.	5.4	61
2	A short entry to enantiopure 2-substituted 1,4-benzodioxanes by efficient resolution methods. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3779-3785.	1.8	47
3	Benzodioxaneâ€•benzamides as new bacterial cell division inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 252-265.	5.5	45
4	Structureâ€•affinity studies for a novel series of homochiral naphtho and tetrahydronaphtho analogues of Î±1 antagonist WB-4101. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 4937-4951.	3.0	38
5	WB4101-Related Compounds:â€• New, Subtype-Selective Î±1-Adrenoreceptor Antagonists (or Inverse) Tj ETQq1 1 0.784314 rgBT /Ov	6.4	30
6	3-(Benzodioxan-2-ylmethoxy)-2,6-difluorobenzamides bearing hydrophobic substituents at the 7-position of the benzodioxane nucleus potently inhibit methicillin-resistant Sa and Mtb cell division. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 227-243.	5.5	28
7	QSAR study for a novel series of ortho monosubstituted phenoxy analogues of Î±1-adrenoreceptor antagonist WB4101. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2547-2559.	3.0	26
8	Highly efficient resolutions of 1,4-benzodioxane-2-carboxylic acid with para substituted 1-phenylethylamines. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1639-1643.	1.8	26
9	Unichiral 2-(2â€•Pyrrolidinyl)-1,4-benzodioxanes: the 2<i>R</i>,2â€•<i>S</i> Diastereomer of the <i>N</i>-Methyl-7-hydroxy Analogue Is a Potent Î±4Î²2- and Î±6Î²2-Nicotinic Acetylcholine Receptor Partial Agonist. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7588-7601.	6.4	26
10	Predicting the physicochemical profile of diastereoisomeric histidineâ€•containing dipeptides by property space analysis. <i>Chirality</i> , 2012, 24, 566-576.	2.6	26
11	6-Methoxy-7-benzofuranoxy and 6-Methoxy-7-indolyloxy Analogues of 2-[2-(2,6-Dimethoxyphenoxy)ethyl]aminomethyl-1,4-benzodioxane (WB4101):1 Discovery of a Potent and Selective Î±1D</sub>-Adrenoreceptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6402-6412.	6.4	25
12	Ten Years of Fentanyl-like Drugs: a Technical-analytical Review. <i>Analytical Sciences</i> , 2019, 35, 479-491.	1.6	25
13	QSAR study forâ€•novel series ofâ€•ortho disubstituted phenoxy analogues ofâ€•Î±1-adrenoreceptor antagonist WB4101. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1025-1040.	5.5	24
14	One-Pot Racemization Process of 1-Phenyl-1,2,3,4-tetrahydroisoquinoline: A Key Intermediate for the Antimuscarinic Agent Solifenacin. <i>Organic Process Research and Development</i> , 2013, 17, 432-437.	2.7	24
15	Chemistry and Pharmacology of a Series of Unichiral Analogues of 2-(2-Pyrrolidinyl)-1,4-benzodioxane, Prolinol Phenyl Ether, and Prolinol 3-Pyridyl Ether Designed as Î±4Î²2-Nicotinic Acetylcholine Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6665-6677.	6.4	24
16	Resolution of 5-hydroxymethyl-2-oxazolidinone by preferential crystallization and investigations on the nature of the racemates of some 2-oxazolidinone derivatives. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1659-1665.	1.8	22
17	Resolution of 2-substituted 1,4-benzodioxanes by entrainment. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1038-1041.	1.8	21
18	Affinity and activity profiling of unichiral 8-substituted 1,4-benzodioxane analogues of WB4101 reveals a potent and selective Î±1B-adrenoreceptor antagonist. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 184-191.	5.5	21

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19	Potent Antiglioblastoma Agents by Hybridizing the Onium-Alkyloxy-Stilbene Based Structures of an $\alpha 7$ -nAChR, $\alpha 9$ -nAChR Antagonist and of a Pro-Oxidant Mitocan. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10531-10544.	6.4	21
20	Peptidomimetic inhibitors of farnesyltransferase with high in vitro activity and significant cellular potency. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6192-6196.	2.2	20
21	Thiazole- and imidazole-containing peptidomimetic inhibitors of protein farnesyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5408-5412.	2.2	20
22	Synthesis and $\alpha 4 \beta 2$ nicotinic affinity of unichiral 5-(2-pyrrolidinyl)oxazolidinones and 2-(2-pyrrolidinyl)benzodioxanes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5610-5615.	2.2	19
23	5-(2-Pyrrolidinyl)oxazolidinones and 2-(2-pyrrolidinyl)benzodioxanes: Synthesis of all the stereoisomers and $\alpha 4 \beta 2$ nicotinic affinity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 854-859.	2.2	18
24	From 2-Aminomethyl-1,4-benzodioxane Enantiomers to Unichiral 2-Cyano- and 2-Carbonyl-Substituted Benzodioxanes via Dichloroamine. <i>Journal of Organic Chemistry</i> , 2014, 79, 6732-6737.	3.2	17
25	1,4-Benzodioxane, an evergreen, versatile scaffold in medicinal chemistry: A review of its recent applications in drug design. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112419.	5.5	17
26	Influence of (S)-1-phenylethylamine para substitution on the resolution of ( $\pm$ )-1,4-benzodioxane-2-carboxylic acid: a crystallographic, theoretical and morphologic approach. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2099-2106.	1.8	16
27	Modelling of full-length human $\alpha 4 \beta 2$ nicotinic receptor by fragmental approach and analysis of its binding modes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 648-653.	2.1	16
28	Highly efficient racemisation of a key intermediate of the antibiotic moxifloxacin. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 379-380.	1.8	16
29	Farnesyltransferase inhibitors: CAAX mimetics based on different biaryl scaffolds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2924-2927.	2.2	15
30	From pyrrolidinyl-benzodioxane to pyrrolidinyl-pyridodioxanes, or from unselective antagonism to selective partial agonism at $\alpha 4 \beta 2$ nicotinic acetylcholine receptor. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1132-1144.	5.5	15
31	Influence of Ionization State on the Activation of Temocapril by hCES1: A Molecular Dynamics Study. <i>Chemistry and Biodiversity</i> , 2009, 6, 2092-2100.	2.1	14
32	Liver and intestinal protective effects of <i>Castanea sativa</i> Mill. bark extract in high-fat diet rats. <i>PLoS ONE</i> , 2018, 13, e0201540.	2.5	14
33	Synthesis and $\alpha 4 \beta 2$ nicotinic affinity of 2-pyrrolidinylmethoxyimines and proline oxime ethers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5827-5830.	2.2	12
34	New Ras CAAX mimetics: Design, synthesis, antiproliferative activity, and RAS prenylation inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5500-5504.	2.2	12
35	Modifications at C(5) of 2-(2-Pyrrolidinyl)-Substituted 1,4-Benzodioxane Elicit Potent $\alpha 4 \beta 2$ Nicotinic Acetylcholine Receptor Partial Agonism with High Selectivity over the $\alpha 3 \beta 4$ Subtype. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15668-15692.	6.4	12
36	Univocal syntheses of 2- and 3-hydroxymethyl-2,3-dihydro[1,4]dioxino[2,3-b]pyridine enantiomers. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3380-3384.	1.8	11

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37	Entrainment resolution of carnitinamide chloride. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1637-1640.	1.8	11
38	Antihypertensive phytocomplexes of proven efficacy and well-established use: Mode of action and individual characterization of the active constituents. <i>Phytochemistry</i> , 2020, 170, 112222.	2.9	11
39	Behavioural and pharmacological profiles of zebrafish administrated pyrrolidinyl benzodioxanes and prolinol aryl ethers with high affinity for heteromeric nicotinic acetylcholine receptors. <i>Psychopharmacology</i> , 2020, 237, 2317-2326.	3.1	11
40	A highly efficient method for the $\alpha,\beta$ -dehydrogenation of $\alpha$ -amino esters and $\alpha$ -amino- $\beta$ -diesters. <i>Tetrahedron Letters</i> , 2010, 51, 5540-5542.	1.4	10
41	Enantiomer systems of carnitinamide inorganic salts: introductory studies to a successful entrainment resolution. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 906-909.	1.8	9
42	Evidence of a dual mechanism of action underlying the anti-proliferative and cytotoxic effects of ammonium-alkyloxy-stilbene-based $\alpha$ -7- and $\alpha$ -9-nicotinic ligands on glioblastoma cells. <i>Pharmacological Research</i> , 2022, 175, 105959.	7.1	9
43	From 2-Triethylammonium Ethyl Ether of 4-Stilbenol (MG624) to Selective Small-Molecule Antagonists of Human $\alpha$ -10 Nicotinic Receptor by Modifications at the Ammonium Ethyl Residue. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10079-10097.	6.4	9
44	From carnitinamide to 5-aminomethyl-2-oxazolidinones. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 217-220.	1.8	8
45	A selective $\alpha$ 1D-adrenoreceptor antagonist inhibits human prostate cancer cell proliferation and motility <i>in vitro</i> . <i>Pharmacological Research</i> , 2016, 103, 215-226.	7.1	8
46	One-step preparation of enantiopure l- or d-amino acid benzyl esters avoiding the use of banned solvents. <i>Amino Acids</i> , 2017, 49, 965-974.	2.7	8
47	Determination of Methylidibromoglutaronitrile (MDBGN) in Skin Care Products by Gaschromatography-Mass Spectrometry Employing an Enhanced Matrix Removal (EMR) Lipid Clean-Up. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700525.	1.5	8
48	Efficient One-Pot Reductive Aminations of Carbonyl Compounds with Aquivion-Fe as a Recyclable Catalyst and Sodium Borohydride. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 162-168.	2.4	8
49	Characterization of chemotype-dependent terpenoids profile in cannabis by headspace gas-chromatography coupled to time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114180.	2.8	8
50	Highly efficient resolutions with isopropylidene glycerol 3-carboxy-2-naphthoate. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2277-2282.	1.8	7
51	Diastereomeric 2-aminomethyl-1,4-benzodioxane mandelates: phase diagrams and resolution. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 796-800.	1.8	7
52	Enantiomerically Pure Dibenzyl Esters of L-Aspartic and L-Glutamic Acid. <i>Organic Process Research and Development</i> , 2015, 19, 878-883.	2.7	7
53	Novel 5-substituted 3-hydroxyphenyl and 3-nitrophenyl ethers of S-prolinol as $\alpha$ -2-nicotinic acetylcholine receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5613-5617.	2.2	7
54	Determinants for $\alpha$ -2 vs. $\alpha$ -3 Subtype Selectivity of Pyrrolidine-Based nAChRs Ligands: A Computational Perspective with Focus on Recent cryo-EM Receptor Structures. <i>Molecules</i> , 2021, 26, 3603.	3.8	7

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55	Resolution of 1-phenyl-2-(p-tolyl)ethylamine via diastereomeric salt formation. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2247-2251.	1.8	6
56	Crystallization-based resolution of 1,4-benzodioxane-2-carboxylic acid enantiomers via diastereomeric 1-phenylethylamides. <i>Tetrahedron Letters</i> , 2016, 57, 2009-2011.	1.4	6
57	Green Oxidation of Ketones to Lactones with Oxone in Water. <i>Journal of Organic Chemistry</i> , 2021, 86, 15712-15716.	3.2	6
58	Preparation of enantiopure methionine, arginine, tryptophan, and proline benzyl esters in green ethers by Fischer-Speier reaction. <i>Amino Acids</i> , 2018, 50, 1261-1268.	2.7	5
59	Design, synthesis and binding affinity of acetylcholine carbamoyl analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6481-6485.	2.2	4
60	Preparation and unequivocal identification of the regioisomers of nitrocatechol monobenzyl ether. <i>Synthetic Communications</i> , 2017, 47, 1507-1513.	2.1	4
61	<i>Castanea sativa</i> Mill. bark extract cardiovascular effects in a rat model of high-fat diet. <i>Phytotherapy Research</i> , 2021, 35, 2145-2156.	5.8	4
62	Pyrrolidinyl benzofurans and benzodioxanes: Selective $\alpha$ -nicotinic acetylcholine receptor ligands with different activity profiles at the two receptor stoichiometries. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 65, 128701.	2.2	4
63	Development and Early Identification of Cannabis Chemotypes during the Plant Growth: Current Analytical and Chemometric Approaches. <i>Analytical Sciences</i> , 2021, 37, 1665-1673.	1.6	3
64	Synthesis of $\alpha$ -Hydroxy Fatty Acids from Fatty Acids by Intermediate $\alpha$ -Chlorination with TCCA under Solvent-Free Conditions: A Way to Valorization of Waste Fat Biomasses. <i>ACS Omega</i> , 2021, 6, 31901-31906.	3.5	3
65	Phase Diagrams to Evaluate the Opportunity for Enantiomeric Enrichment of Some Nonracemic Mixtures of Amino Acid Benzyl Esters by Crystallization as p-Toluenesulfonate Salts. <i>Organic Process Research and Development</i> , 2017, 21, 1752-1757.	2.7	2
66	Simple route to synthesize (E)-3-propyl-4-oxo-2-butenic acid esters through the Z isomer. <i>Synthetic Communications</i> , 2018, 48, 85-90.	2.1	1
67	<sup>1</sup> H NMR spectroscopy in the presence of Mosher acid to rapidly determine the enantiomeric composition of amino acid benzyl esters, chiral centers susceptible to easy racemization. <i>Amino Acids</i> , 2018, 50, 1759-1767.	2.7	1
68	Efficient conversion of d-mannitol into 1,2:5,6-diacetonide with Aquivion-H as a recyclable catalyst. <i>Carbohydrate Research</i> , 2021, 499, 108229.	2.3	1
69	Simple Process for the Preparation of Cetyltrimethylammonium Naproxenate (Naprocet). <i>Organic Process Research and Development</i> , 2014, 18, 976-979.	2.7	0