Ettore Novellino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3439798/publications.pdf

Version: 2024-02-01

786 papers	28,027 citations	10956 71 h-index	27345 106 g-index
812 all docs	812 docs citations	812 times ranked	31048 citing authors

#	Article	IF	Citations
1	The Therapeutic Potential of Apigenin. International Journal of Molecular Sciences, 2019, 20, 1305.	1.8	639
2	Polyphenols: A concise overview on the chemistry, occurrence, and human health. Phytotherapy Research, 2019, 33, 2221-2243.	2.8	493
3	Topological Characterization of Nucleic Acid Gâ€Quadruplexes by UV Absorption and Circular Dichroism. Angewandte Chemie - International Edition, 2011, 50, 10645-10648.	7.2	345
4	To each his own: isonitriles for all flavors. Functionalized isocyanides as valuable tools in organic synthesis. Chemical Society Reviews, 2017, 46, 1295-1357.	18.7	327
5	Nutraceuticals: opening the debate for a regulatory framework. British Journal of Clinical Pharmacology, 2018, 84, 659-672.	1.1	246
6	High-resolution structures of two complexes between thrombin and thrombin-binding aptamer shed light on the role of cations in the aptamer inhibitory activity. Nucleic Acids Research, 2012, 40, 8119-8128.	6.5	221
7	Nutraceuticals: A paradigm of proactive medicine. European Journal of Pharmaceutical Sciences, 2017, 96, 53-61.	1.9	221
8	Molecular basis of cyclooxygenase enzymes (COXs) selective inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5411-5416.	3.3	187
9	Arylthioindole Inhibitors of Tubulin Polymerization. 3. Biological Evaluation, Structureâ^'Activity Relationships and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2007, 50, 2865-2874.	2.9	177
10	Nutraceutical potential and antioxidant benefits of red pitaya (Hylocereus polyrhizus) extracts. Journal of Functional Foods, 2012, 4, 129-136.	1.6	170
11	From pharmaceuticals to nutraceuticals: bridging disease prevention and management. Expert Review of Clinical Pharmacology, 2019, 12, 1-7.	1.3	170
12	Geometrically and Conformationally Restrained Cinnamoyl Compounds as Inhibitors of HIV-1 Integrase:â€‰ Synthesis, Biological Evaluation, and Molecular Modeling. Journal of Medicinal Chemistry, 1998, 41, 3948-3960.	2.9	159
13	Specific Targeting of Acetylcholinesterase and Butyrylcholinesterase Recognition Sites. Rational Design of Novel, Selective, and Highly Potent Cholinesterase Inhibitors. Journal of Medicinal Chemistry, 2003, 46, 1-4.	2.9	157
14	Design, Molecular Modeling, Synthesis, and Anti-HIV-1 Activity of New Indolyl Aryl Sulfones. Novel Derivatives of the Indole-2-carboxamide. Journal of Medicinal Chemistry, 2006, 49, 3172-3184.	2.9	157
15	New Î±-(N)-heterocyclichydrazones: evaluation of anticancer, anti-HIV and antimicrobial activity. European Journal of Medicinal Chemistry, 2004, 39, 113-122.	2.6	149
16	Nutraceuticals - shedding light on the grey area between pharmaceuticals and food. Expert Review of Clinical Pharmacology, 2018, 11, 545-547.	1.3	140
17	Indolylarylsulfones as HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: New Cyclic Substituents at Indole-2-carboxamide. Journal of Medicinal Chemistry, 2011, 54, 1587-1598.	2.9	137
18	The Gâ€Triplex DNA. Angewandte Chemie - International Edition, 2013, 52, 2269-2273.	7.2	133

#	Article	IF	Citations
19	Structure-Based Design, Synthesis, and Biological Evaluation of Novel Pyrrolyl Aryl Sulfones:Â HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors Active at Nanomolar Concentrations. Journal of Medicinal Chemistry, 2000, 43, 1886-1891.	2.9	130
20	Pyrido[1,2-a]pyrimidin-4-one Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors Exhibiting Antioxidant Activity. Journal of Medicinal Chemistry, 2007, 50, 4917-4927.	2.9	130
21	Non-Nucleoside HIV-1 Reverse Transcriptase (RT) Inhibitors: Past, Present, and Future Perspectives. Current Pharmaceutical Design, 2002, 8, 615-657.	0.9	124
22	Toward A Quantitative Comparative Toxicology of Organic Compounds. CRC Critical Reviews in Toxicology, 1989, 19, 185-226.	4.9	123
23	Docking Studies on Î±vÎ²3 Integrin Ligands:â€‰ Pharmacophore Refinement and Implications for Drug Design. Journal of Medicinal Chemistry, 2003, 46, 4393-4404.	2.9	116
24	New Pyrrole Inhibitors of Monoamine Oxidase:Â Synthesis, Biological Evaluation, and Structural Determinants of MAO-A and MAO-B Selectivity. Journal of Medicinal Chemistry, 2007, 50, 922-931.	2.9	114
25	Formation of [4Fe-4S] Clusters in the Mitochondrial Ironâ€“Sulfur Cluster Assembly Machinery. Journal of the American Chemical Society, 2014, 136, 16240-16250.	6.6	114
26	Anti-diabetic and anti-hyperlipidemic properties of Capparis spinosa L.: In vivo and in vitro evaluation of its nutraceutical potential. Journal of Functional Foods, 2017, 35, 32-42.	1.6	113
27	An N-glucosylated peptide detecting disease-specific autoantibodies, biomarkers of multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10273-10278.	3.3	111
28	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. Journal of the American Chemical Society, 2010, 132, 6425-6433.	6.6	111
29	Selective Non-nucleoside Inhibitors of Human DNA Methyltransferases Active in Cancer Including in Cancer Stem Cells. Journal of Medicinal Chemistry, 2014, 57, 701-713.	2.9	111
30	5-Alkyl-2-(alkylthio)-6-(2,6-dihalophenylmethyl)-3,4-dihydropyrimidin-4(3H)-ones:Â Novel Potent and Selective Dihydro-alkoxy-benzyl-oxopyrimidine Derivatives. Journal of Medicinal Chemistry, 1999, 42, 619-627.	2.9	109
31	A decade of nutraceutical patents: where are we now in 2018?. Expert Opinion on Therapeutic Patents, 2018, 28, 875-882.	2.4	108
32	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 123-149.	2.9	107
33	Insights into the Mechanism of Partial Agonism. Journal of Biological Chemistry, 2007, 282, 17314-17324.	1.6	105
34	Pan-Histone Demethylase Inhibitors Simultaneously Targeting Jumonji C and Lysine-Specific Demethylases Display High Anticancer Activities. Journal of Medicinal Chemistry, 2014, 57, 42-55.	2.9	105
35	Pyrroloquinoxaline Derivatives as High-Affinity and Selective 5-HT3Receptor Agonists:Â Synthesis, Further Structureâ^'Activity Relationships, and Biological Studies. Journal of Medicinal Chemistry, 1999, 42, 4362-4379.	2.9	103
36	[4Fe-4S] Cluster Assembly in Mitochondria and Its Impairment by Copper. Journal of the American Chemical Society, 2017, 139, 719-730.	6.6	103

#	Article	IF	Citations
37	Simulated gastrointestinal digestion, intestinal permeation and plasma protein interaction of white, green, and black tea polyphenols. Food Chemistry, 2015, 169, 320-326.	4.2	102
38	Sampling protein motion and solvent effect during ligand binding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1467-1472.	3.3	100
39	Crystal Structure of the Peroxisome Proliferator-Activated Receptor Î³ (PPARÎ³) Ligand Binding Domain Complexed with a Novel Partial Agonist: A New Region of the Hydrophobic Pocket Could Be Exploited for Drug Design. Journal of Medicinal Chemistry, 2008, 51, 7768-7776.	2.9	98
40	Characterizing the 1,4-Dihydropyridines Binding Interactions in the L-Type Ca2+Channel:Â Model Construction and Docking Calculations. Journal of Medicinal Chemistry, 2007, 50, 1504-1513.	2.9	95
41	Identification of 5-arylidene-4-thiazolidinone derivatives endowed with dual activity as aldose reductase inhibitors and antioxidant agents for the treatment of diabetic complications. European Journal of Medicinal Chemistry, 2011, 46, 2797-2806.	2.6	94
42	Constrained Analogues of Procaine as Novel Small Molecule Inhibitors of DNA Methyltransferase-1. Journal of Medicinal Chemistry, 2008, 51, 2321-2325.	2.9	93
43	Urantide: an ultrapotent urotensin II antagonist peptide in the rat aorta. British Journal of Pharmacology, 2003, 140, 1155-1158.	2.7	92
44	Ligand binding to telomeric G-quadruplex DNA investigated by funnel-metadynamics simulations. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2136-E2145.	3.3	91
45	Synthesis, Biological Activity, and SARs of Pyrrolobenzoxazepine Derivatives, a New Class of Specific â€œPeripheral-Typeâ€•Benzodiazepine Receptor Ligands1. Journal of Medicinal Chemistry, 1996, 39, 3435-3450.	2.9	90
46	Synthesis and Pharmacological Evaluation of Potent and Highly Selective D3 Receptor Ligands:â€‰ Inhibition of Cocaine-Seeking Behavior and the Role of Dopamine D3/D2 Receptors. Journal of Medicinal Chemistry, 2003, 46, 3822-3839.	2.9	90
47	Quinoxalinylethylpyridylthioureas (QXPTs) as Potent Non-Nucleoside HIV-1 Reverse Transcriptase (RT) Inhibitors. Further SAR Studies and Identification of a Novel Orally Bioavailable Hydrazine-Based Antiviral Agent. Journal of Medicinal Chemistry, 2001, 44, 305-315.	2.9	87
48	A New, Potent Urotensin II Receptor Peptide Agonist Containing a Pen Residue at the Disulfide Bridge. Journal of Medicinal Chemistry, 2002, 45, 4391-4394.	2.9	87
49	New Arylthioindoles and Related Bioisosteres at the Sulfur Bridging Group. 4. Synthesis, Tubulin Polymerization, Cell Growth Inhibition, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2009, 52, 7512-7527.	2.9	87
50	Tandem Application of Virtual Screening and NMR Experiments in the Discovery of Brand New DNA Quadruplex Groove Binders. Journal of the American Chemical Society, 2009, 131, 16336-16337.	6.6	86
51	Nutraceuticals in hypercholesterolaemia: an overview. British Journal of Pharmacology, 2017, 174, 1450-1463.	2.7	86
52	Reduced Frizzled Receptor 4 Expression Prevents WNT/Î²-Cateninâ€“driven Alveolar Lung Repair in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 172-185.	2.5	85
53	Structure-Based Design, Synthesis, and Biological Evaluation of Conformationally Restricted Novel 2-Alkylthio-6-[1-(2,6-difluorophenyl)alkyl]- 3,4-dihydro-5-alkylpyrimidin-4(3H)-ones as Non-nucleoside Inhibitors of HIV-1 Reverse Transcriptase. Journal of Medicinal Chemistry, 2001, 44, 2544-2554.	2.9	84
54	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. Carbohydrate Polymers, 2017, 156, 364-371.	5.1	83

#	Article	IF	Citations
55	Novel Bifunctional Quinolonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors:â€‰ Design, Synthesis, Biological Activities, and Mechanism of Action. Journal of Medicinal Chemistry, 2006, 49, 1939-1945.	2.9	82
56	State of the art of Ready-to-Use Therapeutic Food: A tool for nutraceuticals addition to foodstuff. Food Chemistry, 2013, 140, 843-849.	4.2	81
57	Anxiolytic-like Effects of N,N-Dialkyl-2-phenylindol-3-ylglyoxylamides by Modulation of Translocator Protein Promoting Neurosteroid Biosynthesis. Journal of Medicinal Chemistry, 2008, 51, 5798-5806.	2.9	80
58	A Different Molecular Mechanism Underlying Antimicrobial and Hemolytic Actions of Temporins A and L. Journal of Medicinal Chemistry, 2008, 51, 2354-2362.	2.9	80
59	New Pyrrole Derivatives with Potent Tubulin Polymerization Inhibiting Activity As Anticancer Agents Including Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2014, 57, 6531-6552.	2.9	80
60	Discovery of a New Class of Potential Multifunctional Atypical Antipsychotic Agents Targeting Dopamine D3 and Serotonin 5-HT1A and 5-HT2A Receptors: Design, Synthesis, and Effects on Behavior. Journal of Medicinal Chemistry, 2009, 52, 151-169.	2.9	79
61	Mechanistic insight into ligand binding to G-quadruplex DNA. Nucleic Acids Research, 2014, 42, 5447-5455.	6.5	79
62	A Unique Capsular Polysaccharide Structure from the Psychrophilic Marine Bacterium Colwellia psychrerythraea 34H That Mimics Antifreeze (Glyco)proteins. Journal of the American Chemical Society, 2015, 137, 179-189.	6.6	78
63	Colon Bioaccessibility and Antioxidant Activity of White, Green and Black Tea Polyphenols Extract after In Vitro Simulated Gastrointestinal Digestion. Nutrients, 2018, 10, 1711.	1.7	78
64	Abelmoschus esculentus (L.): Bioactive Componentsâ€™ Beneficial Propertiesâ€”Focused on Antidiabetic Roleâ€”For Sustainable Health Applications. Molecules, 2019, 24, 38.	1.7	78
65	Ligand Binding Analysis for Human Î±5Î²1 Integrin:Â Strategies for Designing New Î±5Î²1 Integrin Antagonists. Journal of Medicinal Chemistry, 2005, 48, 4204-4207.	2.9	77
66	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. Scientific Reports, 2015, 5, 9956.	1.6	77
67	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. Food and Chemical Toxicology, 2017, 107, 554-564.	1.8	77
68	Dietary Lignans: Definition, Description and Research Trends in Databases Development. Molecules, 2018, 23, 3251.	1.7	77
69	Conformational Control of Integrinâ€Subtype Selectivity in isoDGR Peptide Motifs: A Biological Switch. Angewandte Chemie - International Edition, 2010, 49, 9278-9281.	7.2	76
70	Structureâ€'Activity Relationship, Conformational and Biological Studies of Temporin L Analogues. Journal of Medicinal Chemistry, 2011, 54, 1298-1307.	2.9	76
71	N,N-Dialkyl-2-phenylindol-3-ylglyoxylamides. A New Class of Potent and Selective Ligands at the Peripheral Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2004, 47, 1852-1855.	2.9	75
72	Nanopharmaceutics: Part Iâ€”Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. Pharmaceutics, 2020, 12, 146.	2.0	75

#	Article	IF	Citations
73	Antitumor Agents. 3. Design, Synthesis, and Biological Evaluation of New Pyridoisoquinolindione and Dihydrothienoquinolindione Derivatives with Potent Cytotoxic Activity. Journal of Medicinal Chemistry, 2004, 47, 849-858.	2.9	74
74	Combinatorial peptide library screening for discovery of diverse Î±-glucosidase inhibitors using molecular dynamics simulations and binary QSAR models. Journal of Biomolecular Structure and Dynamics, 2019, 37, 726-740.	2.0	74
75	Design, Synthesis, and Structureâ€“Activity Relationship Studies of 4-Quinolinyl- and 9-Acrydinylhydrazones as Potent Antimalarial Agents. Journal of Medicinal Chemistry, 2008, 51, 1333-1343.	2.9	73
76	To Nutraceuticals and Back: Rethinking a Concept. Foods, 2017, 6, 74.	1.9	73
77	CDC25 Phosphatase Inhibitors: An Update. Mini-Reviews in Medicinal Chemistry, 2012, 12, 62-73.	1.1	72
78	Resveratrol as a Novel Anti-Herpes Simplex Virus Nutraceutical Agent: An Overview. Viruses, 2018, 10, 473.	1.5	72
79	Specific Targeting of Hepatitis C Virus NS3 RNA Helicase. Discovery of the Potent and Selective Competitive Nucleotide-Mimicking Inhibitor QU663. Biochemistry, 2005, 44, 9637-9644.	1.2	71
80	G-triplex structure and formation propensity. Nucleic Acids Research, 2014, 42, 13393-13404.	6.5	71
81	Design, Synthesis, and Biological Evaluation of Novel Aminobisphosphonates Possessing an in Vivo Antitumor Activity Through a Î³Î´-T Lymphocytes-Mediated Activation Mechanism. Journal of Medicinal Chemistry, 2008, 51, 6800-6807.	2.9	70
82	Design and Synthesis of 2-Heterocyclyl-3-arylthio-1H-indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. Journal of Medicinal Chemistry, 2011, 54, 8394-8406.	2.9	70
83	In vitro bioaccessibility, bioavailability and plasma protein interaction of polyphenols from Annurca apple (M. pumila Miller cv Annurca). Food Chemistry, 2013, 141, 3519-3524.	4.2	70
84	REACH and in silico methods: an attractive opportunity for medicinal chemists. Drug Discovery Today, 2014, 19, 1757-1768.	3.2	70
85	Identification of the Spiro(oxindole-3,3â€²-thiazolidine)-Based Derivatives as Potential p53 Activity Modulators. Journal of Medicinal Chemistry, 2010, 53, 8319-8329.	2.9	69
86	Synthesis, in Vitro, and in Cell Studies of a New Series of [Indoline-3,2â€²-thiazolidine]-Based p53 Modulators. Journal of Medicinal Chemistry, 2013, 56, 5407-5421.	2.9	69
87	May Polyphenols Have a Role Against Coronavirus Infection? An Overview of in vitro Evidence. Frontiers in Medicine, 2020, 7, 240.	1.2	69
88	Trichoderma harzianum strain T-22 induces changes in phytohormone levels in cherry rootstocks (Prunus cerasusÂÃ—ÂP. canescens). Plant Growth Regulation, 2011, 65, 421-425.	1.8	68
89	Nutraceuticals: Beyond the Diet Before the Drugs. Current Bioactive Compounds, 2014, 10, 1-12.	0.2	68
90	Rational Improvement of the Affinity and Selectivity of Integrin Binding of Grafted Lasso Peptides. Journal of Medicinal Chemistry, 2014, 57, 5829-5834.	2.9	68

#	Article	IF	Citations
91	Common G-Quadruplex Binding Agents Found to Interact With i-Motif-Forming DNA: Unexpected Multi-Target-Directed Compounds. Frontiers in Chemistry, 2018, 6, 281.	1.8	68
92	Effects of Grape Pomace Polyphenolic Extract (TaurisoloÂ®) in Reducing TMAO Serum Levels in Humans: Preliminary Results from a Randomized, Placebo-Controlled, Cross-Over Study. Nutrients, 2019, 11, 139.	1.7	68
93	Biselectivity of isoDGR Peptides for Fibronectin Binding Integrin Subtypes Î±5Î²1 and Î±vÎ²6: Conformational Control through Flanking Amino Acids. Journal of Medicinal Chemistry, 2013, 56, 1509-1519.	2.9	67
94	Human Glioblastoma Multiforme: p53 Reactivation by a Novel MDM2 Inhibitor. PLoS ONE, 2013, 8, e72281.	1.1	67
95	STAT-3 Inhibitors: State of the Art and New Horizons for Cancer Treatment. Current Medicinal Chemistry, 2011, 18, 2359-2375.	1.2	66
96	Investigating the Mechanism of Substrate Uptake and Release in the Glutamate Transporter Homologue Glt_{Ph} through Metadynamics Simulations. Journal of the American Chemical Society, 2012, 134, 453-463.	6.6	66
97	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. Oncotarget, 2016, 7, 20636-20654.	0.8	66
98	Development of Molecular Probes for the Identification of Extra Interaction Sites in the Mid-Gorge and Peripheral Sites of Butyrylcholinesterase (BuChE). Rational Design of Novel, Selective, and Highly Potent BuChE Inhibitorsâ€. Journal of Medicinal Chemistry, 2005, 48, 1919-1929.	2.9	65
99	Cinnamoyl Compounds as Simple Molecules that Inhibit p300 Histone Acetyltransferase. Journal of Medicinal Chemistry, 2007, 50, 1973-1977.	2.9	65
100	Imidazo[2,1-b]thiazole System: A Scaffold Endowing Dihydropyridines with Selective Cardiodepressant Activity. Journal of Medicinal Chemistry, 2008, 51, 1592-1600.	2.9	65
101	Synthesis, Cannabinoid Receptor Affinity, and Molecular Modeling Studies of Substituted 1-Aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides. Journal of Medicinal Chemistry, 2008, 51, 1560-1576.	2.9	65
102	An Updated Overview on Nanonutraceuticals: Focus on Nanoprebiotics and Nanoprobiotics. International Journal of Molecular Sciences, 2020, 21, 2285.	1.8	65
103	Modeling of Cdc25B Dual Specifity Protein Phosphatase Inhibitors: Docking of Ligands and Enzymatic Inhibition Mechanism. ChemMedChem, 2006, 1, 540-550.	1.6	64
104	Identification of Highly Conserved Residues Involved in Inhibition of HIV-1 RNase H Function by Diketo Acid Derivatives. Antimicrobial Agents and Chemotherapy, 2014, 58, 6101-6110.	1.4	64
105	Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527.	6.5	64
106	Co-polymerization of dopa and cysteinyldopa in melanogenesis in vitro. Experientia, 1980, 36, 822-823.	1.2	63
107	Thiazolidin-4-one formation. Mechanistic and synthetic aspects of the reaction of imines and mercaptoacetic acid under microwave and conventional heating. Organic and Biomolecular Chemistry, 2004, 2, 2809.	1.5	63
108	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. Current Research in Biotechnology, 2020, 2, 53-63.	1.9	63

#	Article	IF	Citations
109	Synthesis and cytotoxic activity evaluation of 2,3-thiazolidin-4-one derivatives on human breast cancer cell lines. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4990-4995.	1.0	62
110	Modification on Ursodeoxycholic Acid (UDCA) Scaffold. Discovery of Bile Acid Derivatives As Selective Agonists of Cell-Surface G-Protein Coupled Bile Acid Receptor 1 (GP-BAR1). Journal of Medicinal Chemistry, 2014, 57, 7687-7701.	2.9	62
111	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	1.6	62
112	Inhibitors of Cdc25 phosphatases as anticancer agents: a patent review. Expert Opinion on Therapeutic Patents, 2010, 20, 405-425.	2.4	61
113	N-O-Isopropyl Sulfonamido-Based Hydroxamates: Design, Synthesis and Biological Evaluation of Selective Matrix Metalloproteinase-13 Inhibitors as Potential Therapeutic Agents for Osteoarthritis. Journal of Medicinal Chemistry, 2009, 52, 4757-4773.	2.9	60
114	New Insight into the Mechanism of Action of the Temporin Antimicrobial Peptides. Biochemistry, 2010, 49, 1477-1485.	1.2	60
115	Design, Synthesis and Biological Evaluation of Carboxy Analogues of Arginine Methyltransferase Inhibitorâ€…1 (AMIâ€1). ChemMedChem, 2010, 5, 398-414.	1.6	60
116	Online Comprehensive RPLC Ã— RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. Analytical Chemistry, 2011, 83, 2485-2491.	3.2	60
117	Antioxidant peptides released from gastrointestinal digestion of â€œStracchinoâ€•soft cheese: Characterization, in vitro intestinal protection and bioavailability. Journal of Functional Foods, 2016, 26, 494-505.	1.6	60
118	Stable Peptides Instead of Stapled Peptides: Highly Potent Î±vÎ²6â€Selective Integrin Ligands. Angewandte Chemie - International Edition, 2016, 55, 1535-1539.	7.2	59
119	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. Oncotarget, 2017, 8, 77110-77120.	0.8	59
120	Mimicking the Intramolecular Hydrogen Bond: Synthesis, Biological Evaluation, and Molecular Modeling of Benzoxazines and Quinazolines as Potential Antimalarial Agents. Journal of Medicinal Chemistry, 2012, 55, 10387-10404.	2.9	58
121	Structure-based discovery of the first non-covalent inhibitors of Leishmania major tryparedoxin peroxidase by high throughput docking. Scientific Reports, 2015, 5, 9705.	1.6	58
122	3-Aryl[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones:Â A New Class of Selective A1Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2001, 44, 316-327.	2.9	56
123	Conformational Analysis of Furanoid Îµ-Sugar Amino Acid Containing Cyclic Peptides by NMR Spectroscopy, Molecular Dynamics Simulation, and X-ray Crystallography:Â Evidence for a Novel Turn Structure. Journal of the American Chemical Society, 2003, 125, 10822-10829.	6.6	56
124	Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs):â€‰ A New Class of Agents with High Apoptotic Activity in Chronic Myelogenous Leukemia K562 Cells and in Cells from Patients at Onset and Who Were Imatinib-Resistant. Journal of Medicinal Chemistry, 2006, 49, 5840-5844.	2.9	56
125	Indolyl Aryl Sulfones as HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors:â€‰ Role of Two Halogen Atoms at the Indole Ring in Developing New Analogues with Improved Antiviral Activity. Journal of Medicinal Chemistry, 2007, 50, 5034-5038.	2.9	56
126	Exploiting Protein Fluctuations at the Active-Site Gorge of Human Cholinesterases: Further Optimization of the Design Strategy to Develop Extremely Potent Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 3154-3170.	2.9	56

#	Article	IF	Citations
127	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. Journal of Functional Foods, 2018, 47, 562-574.	1.6	56
128	Human Integrin Î±vÎ²5:Â Homology Modeling and Ligand Binding. Journal of Medicinal Chemistry, 2004, 47, 4166-4177.	2.9	55
129	Design and Microwave-Assisted Synthesis of Novel Macrocyclic Peptides Active at Melanocortin Receptors: Discovery of Potent and Selective hMC5R Receptor Antagonists. Journal of Medicinal Chemistry, 2008, 51, 2701-2707.	2.9	55
130	Combining 4-Aminoquinoline- and Clotrimazole-Based Pharmacophores toward Innovative and Potent Hybrid Antimalarials. Journal of Medicinal Chemistry, 2009, 52, 502-513.	2.9	55
131	Nanopharmaceutics: Part IIâ€"Production Scales and Clinically Compliant Production Methods. Nanomaterials, 2020, 10, 455.	1.9	55
132	Synthesis, Structureâ^'Activity Relationships, and Molecular Modeling Studies ofN-(Indol-3-ylglyoxylyl)benzylamine Derivatives Acting at the Benzodiazepine Receptorâ€,â€¡. Journal of Medicinal Chemistry, 1996, 39, 5083-5091.	2.9	54
133	A Rational Approach to the Design of Selective Substrates and Potent Nontransportable Inhibitors of the Excitatory Amino Acid Transporter EAAC1 (EAAT3). New Glutamate and Aspartate Analogues as Potential Neuroprotective Agents. Journal of Medicinal Chemistry, 2001, 44, 2507-2510.	2.9	54
134	Derivatives of 4-Amino-6-hydroxy-2-mercaptopyrimidine as Novel, Potent, and Selective A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2008, 51, 1764-1770.	2.9	54
135	Indolylarylsulfones Bearing Natural and Unnatural Amino Acids. Discovery of Potent Inhibitors of HIV-1 Non-Nucleoside Wild Type and Resistant Mutant Strains Reverse Transcriptase and Coxsackie B4 Virus. Journal of Medicinal Chemistry, 2009, 52, 1922-1934.	2.9	54
136	Manadoperoxides Aâ^'D from the Indonesian Sponge Plakortis cfr. simplex. Further Insights on the Structureâ^'Activity Relationships of Simple 1,2-Dioxane Antimalarials. Journal of Natural Products, 2010, 73, 1138-1145.	1.5	54
137	Increasing Î±vÎ²3 Selectivity of the Antiâ€Angiogenic Drug Cilengitide by Nâ€Methylation. Angewandte Chemie - International Edition, 2011, 50, 9496-9500.	7.2	54
138	Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid CB1 Receptor. Journal of Medicinal Chemistry, 2012, 55, 5627-5631.	2.9	54
139	Monothiocarbamates Strongly Inhibit Carbonic Anhydrases in Vitro and Possess Intraocular Pressure Lowering Activity in an Animal Model of Glaucoma. Journal of Medicinal Chemistry, 2016, 59, 5857-5867.	2.9	54
140	Naphtho[1,2-d]isothiazole Acetic Acid Derivatives as a Novel Class of Selective Aldose Reductase Inhibitors. Journal of Medicinal Chemistry, 2005, 48, 6897-6907.	2.9	53
141	Pyrrolo[1,5]benzoxa(thia)zepines as a New Class of Potent Apoptotic Agents. Biological Studies and Identification of an Intracellular Location of Their Drug Target. Journal of Medicinal Chemistry, 2005, 48, 4367-4377.	2.9	53
142	Shooting for Selective Druglike G-Quadruplex Binders: Evidence for Telomeric DNA Damage and Tumor Cell Death. Journal of Medicinal Chemistry, 2012, 55, 9785-9792.	2.9	53
143	6-(1-Benzyl-1H-pyrrol-2-yl)-2,4-dioxo-5-hexenoic Acids as Dual Inhibitors of Recombinant HIV-1 Integrase and Ribonuclease H, Synthesized by a Parallel Synthesis Approach. Journal of Medicinal Chemistry, 2013, 56, 8588-8598.	2.9	53
144	Synthesis, Biological Evaluation, and Molecular Modeling Investigation of New Chiral Fibrates with PPARÎ± and PPARÎ³ Agonist Activity. Journal of Medicinal Chemistry, 2005, 48, 5509-5519.	2.9	52

#	Article	IF	Citations
145	New Nitrogen Containing Substituents at the Indole-2-carboxamide Yield High Potent and Broad Spectrum Indolylarylsulfone HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 6634-6638.	2.9	52
146	Impact of different geographical locations on varying profile of bioactives and associated functionalities of caper (Capparis spinosa L.). Food and Chemical Toxicology, 2018, 118, 181-189.	1.8	52
147	Antitumor Agents. 2. Synthesis, Structureâ^'Activity Relationships, and Biological Evaluation of Substituted 5H-Pyridophenoxazin-5-ones with Potent Antiproliferative Activity. Journal of Medicinal Chemistry, 2002, 45, 5217-5223.	2.9	51
148	The effect of d-amino acid substitution on the selectivity of temporin L towards target cells: Identification of a potent anti-Candida peptide. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 652-660.	1.4	51
149	Basic Quinolinonyl Diketo Acid Derivatives as Inhibitors of HIV Integrase and their Activity against RNase H Function of Reverse Transcriptase. Journal of Medicinal Chemistry, 2014, 57, 3223-3234.	2.9	51
150	Diseaseâ€Modifying Antiâ€Alzheimer's Drugs: Inhibitors of Human Cholinesterases Interfering with Î²â€Amyloid Aggregation. CNS Neuroscience and Therapeutics, 2014, 20, 624-632.	1.9	51
151	New Indole Tubulin Assembly Inhibitors Cause Stable Arrest of Mitotic Progression, Enhanced Stimulation of Natural Killer Cell Cytotoxic Activity, and Repression of Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2015, 58, 5789-5807.	2.9	51
152	Toward the Development of Specific G-Quadruplex Binders: Synthesis, Biophysical, and Biological Studies of New Hydrazone Derivatives. Journal of Medicinal Chemistry, 2016, 59, 5706-5720.	2.9	51
153	Phenolic Analysis and In Vitro Biological Activity of Red Wine, Pomace and Grape Seeds Oil Derived from Vitis vinifera L. cv. Montepulciano dâ€™Abruzzo. Antioxidants, 2021, 10, 1704.	2.2	51
154	Enantioselective Hydrolysis of Some 2-Aryloxyalkanoic Acid Methyl Esters and Isosteric Analogues Using a Penicillin G Acylase-Based HPLC Monolithic Silica Column. Analytical Chemistry, 2003, 75, 535-542.	3.2	50
155	Discovery of Huperzine Aâ^'Tacrine Hybrids as Potent Inhibitors of Human Cholinesterases Targeting Their Midgorge Recognition Sites. Journal of Medicinal Chemistry, 2006, 49, 3421-3425.	2.9	50
156	Development of antitubercular compounds based on a 4-quinolylhydrazone scaffold. Further structureâ€“activity relationship studies. Bioorganic and Medicinal Chemistry, 2009, 17, 6063-6072.	1.4	50
157	NovelN²-Substituted Pyrazolo[3,4-d]pyrimidine Adenosine A₃Receptor Antagonists: Inhibition of A₃-Mediated Human Glioblastoma Cell Proliferation^{â€}. Journal of Medicinal Chemistry, 2010, 53, 3954-3963.	2.9	50
158	Continuous Flow Synthesis of Thieno[2,3-c]isoquinolin-5(4H)-one Scaffold: A Valuable Source of PARP-1 Inhibitors. Organic Process Research and Development, 2014, 18, 1345-1353.	1.3	50
159	Modeling of Îº-Opioid Receptor/Agonists Interactions Using Pharmacophore-Based and Docking Simulations. Journal of Medicinal Chemistry, 2000, 43, 2124-2134.	2.9	49
160	2-(Benzimidazol-2-yl)quinoxalines:Â A Novel Class of Selective Antagonists at Human A1and A3Adenosine Receptors Designed by 3D Database Searching. Journal of Medicinal Chemistry, 2005, 48, 8253-8260.	2.9	49
161	Binding Mechanism of the Farnesoid X Receptor Marine Antagonist Suvanine Reveals a Strategy To Forestall Drug Modulation on Nuclear Receptors. Design, Synthesis, and Biological Evaluation of Novel Ligands. Journal of Medicinal Chemistry, 2013, 56, 4701-4717.	2.9	49
162	Exploring the Chemical Space of G-Quadruplex Binders: Discovery of a Novel Chemotype Targeting the Human Telomeric Sequence. Journal of Medicinal Chemistry, 2013, 56, 9646-9654.	2.9	48

#	Article	IF	Citations
163	A Novel Cell-Permeable, Selective, and Noncompetitive Inhibitor of KAT3 Histone Acetyltransferases from a Combined Molecular Pruning/Classical Isosterism Approach. Journal of Medicinal Chemistry, 2015, 58, 2779-2798.	2.9	48
164	Neuronal High-Affinity Sodium-Dependent Glutamate Transporters (EAATs): Targets for the Development of Novel Therapeutics Against Neurodegenerative Diseases. Current Pharmaceutical Design, 2003, 9, 599-625.	0.9	47
165	Novel, Highly Potent Adenosine Deaminase Inhibitors Containing the Pyrazolo[3,4-d]pyrimidine Ring System. Synthesis, Structureâ^'Activity Relationships, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2005, 48, 5162-5174.	2.9	47
166	Acetic Acid Aldose Reductase Inhibitors Bearing a Five-Membered Heterocyclic Core with Potent Topical Activity in a Visual Impairment Rat Model. Journal of Medicinal Chemistry, 2008, 51, 3182-3193.	2.9	47
167	Structural Insight into Peroxisome Proliferator-Activated Receptor Î³ Binding of Two Ureidofibrate-Like Enantiomers by Molecular Dynamics, Cofactor Interaction Analysis, and Site-Directed Mutagenesis. Journal of Medicinal Chemistry, 2010, 53, 4354-4366.	2.9	47
168	Protein Flexibility in Virtual Screening: The BACE-1 Case Study. Journal of Chemical Information and Modeling, 2012, 52, 2697-2704.	2.5	47
169	Discovery of Covalent Inhibitors of Glyceraldehyde-3-phosphate Dehydrogenase, A Target for the Treatment of Malaria. Journal of Medicinal Chemistry, 2014, 57, 7465-7471.	2.9	47
170	Probiotic species in the modulation of the anticancer immune response. Seminars in Cancer Biology, 2017, 46, 182-190.	4.3	47
171	Discovery of arginine-containing tripeptides as a new class of pancreatic lipase inhibitors. Future Medicinal Chemistry, 2019, 11, 5-19.	1.1	47
172	Antitumor Agents. 1. Synthesis, Biological Evaluation, and Molecular Modeling of 5H-Pyrido[3,2-a]phenoxazin-5-one, a Compound with Potent Antiproliferative Activity. Journal of Medicinal Chemistry, 2002, 45, 5205-5216.	2.9	46
173	New Fluorescent 2-Phenylindolglyoxylamide Derivatives as Probes Targeting the Peripheral-Type Benzodiazepine Receptor:Â Design, Synthesis, and Biological Evaluation. Journal of Medicinal Chemistry, 2007, 50, 404-407.	2.9	46
174	Imaging of Î±vÎ²3 Expression by a Bifunctional Chimeric RGD Peptide not Cross-Reacting with Î±vÎ²5. Clinical Cancer Research, 2009, 15, 5224-5233.	3.2	46
175	Melanocortin MC4 receptor agonists counteract late inflammatory and apoptotic responses and improve neuronal functionality after cerebral ischemia. European Journal of Pharmacology, 2011, 670, 479-486.	1.7	46
176	Nutraceutical potential of monofloral honeys produced by the Sicilian black honeybees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.8	46
177	Discovery of New Inhibitors of Cdc25B Dual Specificity Phosphatases by Structure-Based Virtual Screening. Journal of Medicinal Chemistry, 2012, 55, 4142-4158.	2.9	46
178	Targeting Dopamine D3 and Serotonin 5-HT1A and 5-HT2A Receptors for Developing Effective Antipsychotics: Synthesis, Biological Characterization, and Behavioral Studies. Journal of Medicinal Chemistry, 2014, 57, 9578-9597.	2.9	46
179	Looking for Efficient Gâ€Quadruplex Ligands: Evidence for Selective Stabilizing Properties and Telomere Damage by Drugâ€Like Molecules. ChemMedChem, 2015, 10, 640-649.	1.6	46
180	HMGB1 binds to the KRAS promoter G-quadruplex: a new player in oncogene transcriptional regulation?. Chemical Communications, 2018, 54, 9442-9445.	2.2	46

#	Article	IF	Citations
181	Linking CoMFA and protein homology models of enzymeâ€“inhibitor interactions: an application to non-steroidal aromatase inhibitors. Bioorganic and Medicinal Chemistry, 2000, 8, 2771-2780.	1.4	45
182	Design, Synthesis, Conformational Analysis, and Biological Studies of Urotensin-II Lactam Analogues. Bioorganic and Medicinal Chemistry, 2002, 10, 3731-3739.	1.4	45
183	Novel Quinolinonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors: Design, Synthesis, and Biological Activities. Journal of Medicinal Chemistry, 2008, 51, 4744-4750.	2.9	45
184	Clotrimazole Scaffold as an Innovative Pharmacophore Towards Potent Antimalarial Agents: Design, Synthesis, and Biological and Structureâ€“Activity Relationship Studies. Journal of Medicinal Chemistry, 2008, 51, 1278-1294.	2.9	45
185	Novel sst₅-Selective Somatostatin Dicarba-Analogues: Synthesis and Conformationâ^Affinity Relationships. Journal of Medicinal Chemistry, 2008, 51, 512-520.	2.9	45
186	New Insight into the Central Benzodiazepine Receptorâ€“Ligand Interactions: Design, Synthesis, Biological Evaluation, and Molecular Modeling of 3-Substituted 6-Phenyl-4H-imidazo[1,5-a][1,4]benzodiazepines and Related Compounds. Journal of Medicinal Chemistry, 2011, 54, 5694-5711.	2.9	45
187	Replacement of the double bond of antitubulin chalcones with triazoles and tetrazoles: Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 764-768.	1.0	45
188	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3Î±. Journal of Medicinal Chemistry, 2012, 55, 4407-4424.	2.9	45
189	Biological activity of 3-chloro-azetidin-2-one derivatives having interesting antiproliferative activity on human breast cancer cell lines. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6401-6405.	1.0	45
190	Evidence for G-quadruplex in the promoter of vegfr-2 and its targeting to inhibit tumor angiogenesis. Nucleic Acids Research, 2014, 42, 2945-2957.	6.5	45
191	Development of an improved online comprehensive hydrophilic interaction chromatographyÂÃ—Âreversed-phase ultra-high-pressure liquid chromatography platform for complex multiclass polyphenolic sample analysis. Journal of Separation Science, 2017, 40, 2188-2197.	1.3	45
192	Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. ACS Chemical Neuroscience, 2017, 8, 100-114.	1.7	45
193	Exploring the Nutraceutical Potential of Dried Pepper Capsicum annuum L. on Market from Altino in Abruzzo Region. Antioxidants, 2020, 9, 400.	2.2	45
194	Selective melanocortin MC4 receptor agonists reverse haemorrhagic shock and prevent multiple organ damage. British Journal of Pharmacology, 2007, 150, 595-603.	2.7	44
195	Exploiting the Pyrazolo[3,4-d]pyrimidin-4-one Ring System as a Useful Template To Obtain Potent Adenosine Deaminase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 1681-1692.	2.9	44
196	Pyrroloquinoxaline hydrazones as fluorescent probes for amyloid fibrils. Organic and Biomolecular Chemistry, 2011, 9, 5137.	1.5	44
197	Peptidome profiles and bioactivity elucidation of buffalo-milk dairy products after gastrointestinal digestion. Food Research International, 2018, 105, 1003-1010.	2.9	44
198	Effect of Grape Pomace Polyphenols With or Without Pectin on TMAO Serum Levels Assessed by LC/MS-Based Assay: A Preliminary Clinical Study on Overweight/Obese Subjects. Frontiers in Pharmacology, 2019, 10, 575.	1.6	44

#	Article	IF	Citations
199	Pyrrolobenzothiazepinones and Pyrrolobenzoxazepinones:Â Novel and Specific Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors with Antiviral Activity. Journal of Medicinal Chemistry, 1996, 39, 2672-2680.	2.9	43
200	Further evidence that melanocortins prevent myocardial reperfusion injury by activating melanocortin MC3 receptors. European Journal of Pharmacology, 2003, 477, 227-234.	1.7	43
201	Unraveling the Active Conformation of Urotensin II. Journal of Medicinal Chemistry, 2004, 47, 1652-1661.	2.9	43
202	Specific Targeting Highly Conserved Residues in the HIV-1 Reverse Transcriptase Primer Grip Region. Design, Synthesis, and Biological Evaluation of Novel, Potent, and Broad Spectrum NNRTIs with Antiviral Activity. Journal of Medicinal Chemistry, 2005, 48, 7153-7165.	2.9	43
203	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 667-678.	1.6	43
204	Effects of polyphenol compounds on influenza A virus replication and definition of their mechanism of action. Bioorganic and Medicinal Chemistry, 2012, 20, 5046-5052.	1.4	43
205	Optimization of 4-Aminoquinoline/Clotrimazole-Based Hybrid Antimalarials: Further Structureâ€“Activity Relationships, in Vivo Studies, and Preliminary Toxicity Profiling. Journal of Medicinal Chemistry, 2012, 55, 6948-6967.	2.9	43
206	Phenylpyrazolo[1,5-a]quinazolin-5(4H)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 7458-7462.	2.9	43
207	SIRT6 interacts with TRF2 and promotes its degradation in response to DNA damage. Nucleic Acids Research, 2017, 45, 1820-1834.	6.5	43
208	Emerging role of the Î²-catenin-PPARÎ³ axis in the pathogenesis of colorectal cancer. World Journal of Gastroenterology, 2014, 20, 7137.	1.4	43
209	Use of comparative molecular field analysis and cluster analysis in series design. Pharmaceutica Acta Helvetiae, 1995, 70, 149-154.	1.2	42
210	Synthesis and Cytotoxic Evaluation of Novel Spirohydantoin Derivatives of the Dihydrothieno[2,3-b]naphtho-4,9-dione System. Journal of Medicinal Chemistry, 2005, 48, 1152-1157.	2.9	42
211	Synthesis of Dihydroplakortin, 6-epi-Dihydroplakortin, and Their C10-Desethyl Analogues. Journal of Organic Chemistry, 2010, 75, 2333-2340.	1.7	42
212	Differential scanning calorimetry to investigate G-quadruplexes structural stability. Methods, 2013, 64, 43-51.	1.9	42
213	Indolylarylsulfones Carrying a Heterocyclic Tail as Very Potent and Broad Spectrum HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 9945-9957.	2.9	42
214	Effect of restriction vegan diet's on muscle mass, oxidative status, and myocytes differentiation: A pilot study. Journal of Cellular Physiology, 2018, 233, 9345-9353.	2.0	42
215	Progresses in the pursuit of aldose reductase inhibitors: The structure-based lead optimization step. European Journal of Medicinal Chemistry, 2012, 51, 216-226.	2.6	41
216	Structureâ€“Activity Relationship Refinement and Further Assessment of 4-Phenylquinazoline-2-carboxamide Translocator Protein Ligands as Antiproliferative Agents in Human Glioblastoma Tumors. Journal of Medicinal Chemistry, 2014, 57, 2413-2428.	2.9	41

#	Article	IF	Citations
217	Noncanonical DNA Secondary Structures as Drug Targets: the Prospect of the iâ€Motif. ChemMedChem, 2014, 9, 2026-2030.	1.6	41
218	Identification of the First Inhibitor of the GBP1:PIM1 Interaction. Implications for the Development of a New Class of Anticancer Agents against Paclitaxel Resistant Cancer Cells. Journal of Medicinal Chemistry, 2014, 57, 7916-7932.	2.9	41
219	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. Scientific Reports, 2015, 5, 15453.	1.6	41
220	Structure-Based Lead Optimization and Biological Evaluation of BAX Direct Activators as Novel Potential Anticancer Agents. Journal of Medicinal Chemistry, 2015, 58, 2135-2148.	2.9	41
221	An alternative QSAR-based approach for predicting the bioconcentration factor for regulatory purposes. ALTEX: Alternatives To Animal Experimentation, 2014, 31, 23-36.	0.9	41
222	Pyrrolobenzoxazepinone Derivatives as Non-Nucleoside HIV-1 RT Inhibitors:Â Further Structureâ^'Activity Relationship Studies and Identification of More Potent Broad-Spectrum HIV-1 RT Inhibitors with Antiviral Activity. Journal of Medicinal Chemistry, 1999, 42, 4462-4470.	2.9	40
223	[1,2,4]Triazino[4,3-a]benzimidazole Acetic Acid Derivatives:Â A New Class of Selective Aldose Reductase Inhibitors. Journal of Medicinal Chemistry, 2001, 44, 4359-4369.	2.9	40
224	Design and Synthesis of Potent Antimalarial Agents Based on Clotrimazole Scaffold:Â Exploring an Innovative Pharmacophore. Journal of Medicinal Chemistry, 2007, 50, 595-598.	2.9	40
225	State-of-the-Art Methodologies for the Discovery and Characterization of DNA G-Quadruplex Binders. Current Pharmaceutical Design, 2012, 18, 1880-1899.	0.9	40
226	Multifunctional Cholinesterase and Amyloid Beta Fibrillization Modulators. Synthesis and Biological Investigation. ACS Medicinal Chemistry Letters, 2013, 4, 1178-1182.	1.3	40
227	Nutraceutical potential of polyphenolic fractions from Annurca apple (M. pumila Miller cv Annurca). Food Chemistry, 2013, 140, 614-622.	4.2	40
228	Intragenic G-quadruplex structure formed in the human CD133 and its biological and translational relevance. Nucleic Acids Research, 2016, 44, 1579-1590.	6.5	40
229	Tryptamine-Based Derivatives as Transient Receptor Potential Melastatin Type 8 (TRPM8) Channel Modulators. Journal of Medicinal Chemistry, 2016, 59, 2179-2191.	2.9	40
230	Lactofermented Annurca Apple Puree as a Functional Food Indicated for the Control of Plasma Lipid and Oxidative Amine Levels: Results from a Randomised Clinical Trial. Nutrients, 2019, 11, 122.	1.7	40
231	A GÎ±sCarboxyl-Terminal Peptide Prevents GsActivation by the A2AAdenosine Receptor. Molecular Pharmacology, 2000, 58, 226-236.	1.0	39
232	Novel, Highly Potent Aldose Reductase Inhibitors:â€‰ Cyano(2-oxo-2,3-dihydroindol-3-yl)acetic Acid Derivatives. Journal of Medicinal Chemistry, 2003, 46, 1419-1428.	2.9	39
233	New 2-Aryloxy-3-phenyl-propanoic Acids As Peroxisome Proliferator-Activated Receptors Î±/Î³ Dual Agonists with Improved Potency and Reduced Adverse Effects on Skeletal Muscle Function. Journal of Medicinal Chemistry, 2009, 52, 6382-6393.	2.9	39
234	Design, Synthesis, and Biological Evaluation of 1-Phenylpyrazolo[3,4-e]pyrrolo[3,4-g]indolizine-4,6(1H,5H)-diones as New Glycogen Synthase Kinase-3Î² Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 10066-10078.	2.9	39

#	Article	IF	Citations
235	Synthetic spirocyclic endoperoxides: new antimalarial scaffolds. MedChemComm, 2015, 6, 357-362.	3.5	39
236	Interfering with HuRâ€“RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1483-1498.	2.9	39
237	Novel spiroindoline HDAC inhibitors: Synthesis, molecular modelling and biological studies. European Journal of Medicinal Chemistry, 2018, 157, 127-138.	2.6	39
238	Boosting Fmoc Solid-Phase Peptide Synthesis by Ultrasonication. Organic Letters, 2019, 21, 6378-6382.	2.4	39
239	The Structural Evolution of β-Secretase Inhibitors: A Focus on the Development of Small-Molecule Inhibitors. Current Topics in Medicinal Chemistry, 2013, 13, 1787-1807.	1.0	39
240	A Convenient One Step Synthesis of 5-Cystein-S-yldopa Using Ceric Ammonium Nitrate. Synthetic Communications, 1986, 16, 967-971.	1.1	38
241	Homology Modeling of NR2B Modulatory Domain of NMDA Receptor and Analysis of Ifenprodil Binding. ChemMedChem, 2007, 2, 1498-1510.	1.6	38
242	Ethyl 8-Fluoro-6-(3-nitrophenyl)-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate as Novel, Highly Potent, and Safe Antianxiety Agent. Journal of Medicinal Chemistry, 2008, 51, 4730-4743.	2.9	38
243	Antitumor Agents 6. Synthesis, Structureâ^'Activity Relationships, and Biological Evaluation of Spiro[imidazolidine-4,3â€²-thieno[2,3-g]quinoline]-tetraones and Spiro[thieno[2,3-g]quinoline-3,5â€²-[1,2,4]triazinane]-tetraones with Potent Antiproliferative Activity. Journal of Medicinal Chemistry, 2008, 51, 8148-8157.	2.9	38
244	Specific Targeting of Peripheral Serotonin 5-HT₃Receptors. Synthesis, Biological Investigation, and Structureâ^'Activity Relationships. Journal of Medicinal Chemistry, 2009, 52, 3548-3562.	2.9	38
245	Synthesis and biological evaluation of new N-alkylcarbazole derivatives as STAT3 inhibitors: Preliminary study. European Journal of Medicinal Chemistry, 2013, 60, 112-119.	2.6	38
246	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2013, 62, 379-394.	2.6	38
247	Rational design of the first difluorostatone-based PfSUB1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3582-3586.	1.0	38
248	N-Substituted Quinolinonyl Diketo Acid Derivatives as HIV Integrase Strand Transfer Inhibitors and Their Activity against RNase H Function of Reverse Transcriptase. Journal of Medicinal Chemistry, 2015, 58, 4610-4623.	2.9	38
249	Targeting the BCL2 Gene Promoter Gâ€Quadruplex with a New Class of Furopyridazinoneâ€Based Molecules. ChemMedChem, 2018, 13, 406-410.	1.6	38
250	Insights into telomeric G-quadruplex DNA recognition by HMGB1 protein. Nucleic Acids Research, 2019, 47, 9950-9966.	6.5	38
251	Structural insights into amyloid structures of the C-terminal region of nucleophosmin 1 in type A mutation of acute myeloid leukemia. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 637-644.	1.1	38
252	Potent Arylsulfonamide Inhibitors of Tumor Necrosis Factor-Î± Converting Enzyme Able to Reduce Activated Leukocyte Cell Adhesion Molecule Shedding in Cancer Cell Models. Journal of Medicinal Chemistry, 2010, 53, 2622-2635.	2.9	37

#	Article	IF	Citations
253	The triazatruxene derivative azatrux binds to the parallel form of the human telomeric G-quadruplex under molecular crowding conditions: Biophysical and molecular modeling studies. Biochimie, 2011, 93, 1318-1327.	1.3	37
254	In vitro hypoglycaemic and hypolipidemic potential of white tea polyphenols. Food Chemistry, 2013, 141, 2379-2384.	4.2	37
255	The design of multitarget ligands for chronic and neuropathic pain. Future Medicinal Chemistry, 2015, 7, 2469-2483.	1.1	37
256	Occurrence of two new mycosporine-like aminoacids, mytilins A and B in the edible mussel, mytilus galloprovincialis. Tetrahedron Letters, 1979, 20, 3181-3182.	0.7	36
257	NovelN-(Arylalkyl)indol-3-ylglyoxylylamides Targeted as Ligands of the Benzodiazepine Receptor:Â Synthesis, Biological Evaluation, and Molecular Modeling Analysis of the Structureâ˜'Activity Relationshipsâ€. Journal of Medicinal Chemistry, 2001, 44, 2286-2297.	2.9	36
258	Conformationâ˜'Activity Relationship of Designed Glycopeptides as Synthetic Probes for the Detection of Autoantibodies, Biomarkers of Multiple Sclerosis. Journal of Medicinal Chemistry, 2006, 49, 5072-5079.	2.9	36
259	Pursuing Aldose Reductase Inhibitors through in Situ Cross-Docking and Similarity-Based Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 5578-5581.	2.9	36
260	Synthesis and biological evaluation in U87MG glioma cells of (ethynylthiophene)sulfonamido-based hydroxamates as matrix metalloproteinase inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 2617-2629.	2.6	36
261	Synthesis and Biological Evaluation of 4-Phenylquinazoline-2-carboxamides Designed as a Novel Class of Potent Ligands of the Translocator Protein. Journal of Medicinal Chemistry, 2012, 55, 4506-4510.	2.9	36
262	G-Quadruplex on Oligo Affinity Support (G4-OAS): An Easy Affinity Chromatography-Based Assay for the Screening of G-Quadruplex Ligands. Analytical Chemistry, 2014, 86, 4126-4130.	3.2	36
263	Antioxidant peptides from â€œMozzarella di Bufala Campana DOPâ€•after simulated gastrointestinal digestion: In vitro intestinal protection, bioavailability, and anti-haemolytic capacity. Journal of Functional Foods, 2015, 15, 365-375.	1.6	36
264	Chemical profiling of bioactive constituents in hop cones and pellets extracts by online comprehensive twoâ€dimensional liquid chromatography with tandem mass spectrometry and direct infusion Fourier transform ion cyclotron resonance mass spectrometry. Journal of Separation Science, 2018, 41, 1548-1557.	1.3	36
265	Novel Ligands Specific for Mitochondrial Benzodiazepine Receptors: 6-arylpyrrolo[2,1-d][1,5]benzothiazepine Derivatives. Synthesis, Structure-Activity Relationships, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 1994, 37, 1427-1438.	2.9	35
266	Characterization of the 1H-Cyclopentapyrimidine-2,4(1H,3H)-dione Derivative (S)-CPW399 as a Novel, Potent, and Subtype-Selective AMPA Receptor Full Agonist with Partial Desensitization Properties. Journal of Medicinal Chemistry, 2001, 44, 4501-4504.	2.9	35
267	Design, Synthesis, and Cytotoxic Evaluation of a New Series of 3-Substituted Spiro[(dihydropyrazine-2,5-dione)-6,3â€˜-(2â€˜,3â€˜-dihydrothieno[2,3-b]naphtho-4â€˜,9â€˜-dione)] Derivatives. Journal of Medicinal Chemistry, 2007, 50, 1787-1798.	2.9	35
268	Breaking the Dogma of the Metalâ€Coordinating Carboxylate Group in Integrin Ligands: Introducing Hydroxamic Acids to the MIDAS To Tune Potency and Selectivity. Angewandte Chemie - International Edition, 2009, 48, 4436-4440.	7.2	35
269	Novel, Potent, and Selective Quinoxaline-Based 5-HT₃ Receptor Ligands. 1. Further Structureâ˜'Activity Relationships and Pharmacological Characterization. Journal of Medicinal Chemistry, 2009, 52, 6946-6950.	2.9	35
270	NMR Spectrometers as â€œMagnetic Tonguesâ€• Prediction of Sensory Descriptors in Canned Tomatoes. Journal of Agricultural and Food Chemistry, 2011, 59, 10831-10838.	2.4	35

#	Article	IF	Citations
271	Alanine scanning analysis and structureâ€“function relationships of the frogâ€skin antimicrobial peptide temporinâ€1Ta. Journal of Peptide Science, 2011, 17, 358-365.	0.8	35
272	Fluorescence Enhancement upon G-Quadruplex Folding: Synthesis, Structure, and Biophysical Characterization of a Dansyl/Cyclodextrin-Tagged Thrombin Binding Aptamer. Bioconjugate Chemistry, 2013, 24, 1917-1927.	1.8	35
273	Properly Substituted Analogues of BIX-01294 Lose Inhibition of G9a Histone Methyltransferase and Gain Selective Anti-DNA Methyltransferase 3A Activity. PLoS ONE, 2014, 9, e96941.	1.1	35
274	Pharmacophoric Modifications Lead to Superpotent Î±vÎ²3 Integrin Ligands with Suppressed Î±5Î²1 Activity. Journal of Medicinal Chemistry, 2014, 57, 3410-3417.	2.9	35
275	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. Nature Chemical Biology, 2015, 11, 280-286.	3.9	35
276	Characterization of monovarietal extra virgin olive oils from the province of BÃ©jaÃ¯a (Algeria). Food Research International, 2016, 89, 1123-1133.	2.9	35
277	New insights into the interaction between pyrrolyl diketoacids and HIV-1 integrase active site and comparison with RNase H. Antiviral Research, 2016, 134, 236-243.	1.9	35
278	The ring residue proline 8 is crucial for the thermal stability of the lasso peptide caulosegnin II. Molecular BioSystems, 2016, 12, 1106-1109.	2.9	35
279	Tandem application of ligand-based virtual screening and G4-OAS assay to identify novel G-quadruplex-targeting chemotypes. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1341-1352.	1.1	35
280	Bio-Inspired Dual-Selective BCL-2/c-MYC G-Quadruplex Binders: Design, Synthesis, and Anticancer Activity of Drug-like Imidazo[2,1-i]purine Derivatives. Journal of Medicinal Chemistry, 2020, 63, 2035-2050.	2.9	35
281	Lignans: Quantitative Analysis of the Research Literature. Frontiers in Pharmacology, 2020, 11, 37.	1.6	35
282	Novel Î±-MSH Peptide Analogues with Broad Spectrum Antimicrobial Activity. PLoS ONE, 2013, 8, e61614.	1.1	35
283	Study of Benzodiazepines Receptor Sites Using a Combined QSARâ€CoMFA Approach. QSAR and Combinatorial Science, 1992, 11, 461-477.	1.4	34
284	A Comparative Molecular Field Analysis Model for 6-Arylpyrrolo[2,1-d][1,5]benzothiazepines Binding Selectively to the Mitochondrial Benzodiazepine Receptor. Journal of Medicinal Chemistry, 1994, 37, 4100-4108.	2.9	34
285	Synthesis and biological activity of benzotriazole derivatives structurally related to trazodone. European Journal of Medicinal Chemistry, 1995, 30, 77-84.	2.6	34
286	Spirohydantoin derivatives of thiopyrano[2,3-b]pyridin-4(4H)-one as potent in vitro and in vivo aldose reductase inhibitors. Bioorganic and Medicinal Chemistry, 2005, 13, 491-499.	1.4	34
287	Design, synthesis and biological evaluation of heteroaryl diketohexenoic and diketobutanoic acids as HIV-1 integrase inhibitors endowed with antiretroviral activity. Il Farmaco, 2005, 60, 409-417.	0.9	34
288	Synthesis, Biological Evaluation, and Molecular Modeling of Ribose-Modified Adenosine Analogues as Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2005, 48, 1550-1562.	2.9	34

#	Article	IF	Citations
289	Melanocortins counteract inflammatory and apoptotic responses to prolonged myocardial ischemia/reperfusion through a vagus nerve-mediated mechanism. European Journal of Pharmacology, 2010, 637, 124-130.	1.7	34
290	Ligand Based Approach to L-Type Calcium Channel by Imidazo[2,1-b]thiazole-1,4-Dihydropyridines: from Heart Activity to Brain Affinity. Journal of Medicinal Chemistry, 2013, 56, 3866-3877.	2.9	34
291	Development of peptidomimetic boronates as proteasome inhibitors. European Journal of Medicinal Chemistry, 2013, 64, 23-34.	2.6	34
292	p53 Functional Inhibitors Behaving Like Pifithrin-Î² Counteract the Alzheimer Peptide Non-Î²-amyloid Component Effects in Human SH-SY5Y Cells. ACS Chemical Neuroscience, 2014, 5, 390-399.	1.7	34
293	Osteoblast differentiation and survival: A role for A2B adenosine receptor allosteric modulators. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2957-2966.	1.9	34
294	Glycine-replaced derivatives of [Pro 3 ,DLeu 9]TL, a temporin L analogue: Evaluation of antimicrobial, cytotoxic and hemolytic activities. European Journal of Medicinal Chemistry, 2017, 139, 750-761.	2.6	34
295	Annurca (Malus pumila Miller cv. Annurca) apple as a functional food for the contribution to a healthy balance of plasma cholesterol levels: results of a randomized clinical trial. Journal of the Science of Food and Agriculture, 2017, 97, 2107-2115.	1.7	34
296	Fermentation of Foods and Beverages as a Tool for Increasing Availability of Bioactive Compounds. Focus on Short-Chain Fatty Acids. Foods, 2020, 9, 999.	1.9	34
297	Bioinformatics and Biosimulations as Toolbox for Peptides and Peptidomimetics Design: Where Are We?. Frontiers in Molecular Biosciences, 2020, 7, 66.	1.6	34
298	Structureâ€"affinity relationship studies on benzotriazole derivatives binding to 5-HT receptor subtypes. European Journal of Medicinal Chemistry, 1996, 31, 207-213.	2.6	33
299	Benzodeazaoxaflavins as Sirtuin Inhibitors with Antiproliferative Properties in Cancer Stem Cells. Journal of Medicinal Chemistry, 2012, 55, 8193-8197.	2.9	33
300	Discovery of a Novel Chemotype of Histone Lysine Methyltransferase EHMT1/2 (GLP/G9a) Inhibitors: Rational Design, Synthesis, Biological Evaluation, and Co-crystal Structure. Journal of Medicinal Chemistry, 2019, 62, 2666-2689.	2.9	33
301	Exploring the Nutraceutical Potential of Polyphenols from Black, Green and White Tea Infusions â€“ An Overview. Current Pharmaceutical Biotechnology, 2015, 16, 265-271.	0.9	33
302	An efficient approach for monosulfide bridge formation in solid-phase peptide synthesis. Tetrahedron Letters, 2004, 45, 1453-1456.	0.7	32
303	Syntheses, Biological Evaluation, and Molecular Modeling of18F-Labeled 4-Anilidopiperidines as Î¼-Opioid Receptor Imaging Agents. Journal of Medicinal Chemistry, 2005, 48, 7720-7732.	2.9	32
304	Novel and Selective Î±vÎ²3Receptor Peptide Antagonist:Â Design, Synthesis, and Biological Behavior. Journal of Medicinal Chemistry, 2006, 49, 3416-3420.	2.9	32
305	Further structureâ€“activity studies of lactam derivatives of MT-II and SHU-9119: Their activity and selectivity at human melanocortin receptors 3, 4, and 5. Peptides, 2007, 28, 1191-1196.	1.2	32
306	Structure-Based Virtual Screening and Biological Evaluation of Mycobacterium tuberculosis Adenosine 5â€²-Phosphosulfate Reductase Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 6627-6630.	2.9	32

#	Article	IF	Citations
307	Novel Octreotide Dicarba-analogues with High Affinity and Different Selectivity for Somatostatin Receptors. Journal of Medicinal Chemistry, 2010, 53, 6188-6197.	2.9	32
308	Isolation and Functional Characterization of Peptide Agonists of PTPRJ, a Tyrosine Phosphatase Receptor Endowed with Tumor Suppressor Activity. ACS Chemical Biology, 2012, 7, 1666-1676.	1.6	32
309	Diarylheterocycle Core Ring Features Effect in Selective COXâ€1 Inhibition. ChemMedChem, 2012, 7, 629-641.	1.6	32
310	Detailed polyphenolic profiling of Annurca apple (M . pumila Miller cv Annurca) by a combination of RP-UHPLC and HILIC, both hyphenated to IT-TOF mass spectrometry. Food Research International, 2015, 76, 466-477.	2.9	32
311	Discovery of the First-in-Class GSK-3Î²/HDAC Dual Inhibitor as Disease-Modifying Agent To Combat Alzheimerâ€™s Disease. ACS Medicinal Chemistry Letters, 2019, 10, 469-474.	1.3	32
312	Sterol composition of some mediterranean green algae. Phytochemistry, 1982, 21, 1993-1994.	1.4	31
313	New benzo[g]isoquinoline-5,10-diones and dihydrothieno [2,3-b]naphtho-4,9-dione derivatives. Bioorganic and Medicinal Chemistry, 2003, 11, 3769-3775.	1.4	31
314	Arylthiopyrrole (AThP) Derivatives as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors: Synthesis, Structureâ€“Activity Relationships, and Docking Studies (Partâ€…1). ChemMedChem, 2006, 1, 1367-1378.	1.6	31
315	Synthesis, structureâ€“activity relationships and molecular modeling studies of new indole inhibitors of monoamine oxidases A and B. Bioorganic and Medicinal Chemistry, 2008, 16, 9729-9740.	1.4	31
316	Identification of novel interactors of human telomeric G-quadruplex DNA. Chemical Communications, 2015, 51, 2964-2967.	2.2	31
317	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2015, 58, 6081-6092.	2.9	31
318	Design, Synthesis and Biological Evaluation of Two Opioid Agonist and Ca_v2.2 Blocker Multitarget Ligands. Chemical Biology and Drug Design, 2015, 86, 156-162.	1.5	31
319	Identification of a Potent Tryptophan-Based TRPM8 Antagonist With in Vivo Analgesic Activity. Journal of Medicinal Chemistry, 2018, 61, 6140-6152.	2.9	31
320	Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents. European Journal of Medicinal Chemistry, 2019, 162, 290-320.	2.6	31
321	Novel Î±-Melanocyte Stimulating Hormone Peptide Analogues with High Candidacidal Activity. Journal of Medicinal Chemistry, 2003, 46, 850-855.	2.9	30
322	Architecture of the Human Urotensin II Receptor:Â Comparison of the Binding Domains of Peptide and Non-Peptide Urotensin II Agonists. Journal of Medicinal Chemistry, 2005, 48, 2480-2492.	2.9	30
323	Benzothiopyranoindole-Based Antiproliferative Agents: Synthesis, Cytotoxicity, Nucleic Acids Interaction, and Topoisomerases Inhibition Properties. Journal of Medicinal Chemistry, 2009, 52, 5429-5441.	2.9	30
324	Application of â€œmagnetic tongueâ€•to the sensory evaluation of extra virgin olive oil. Food Chemistry, 2013, 140, 692-699.	4.2	30

#	Article	IF	Citations
325	Novel Cyclic Biphalin Analogue with Improved Antinociceptive Properties. ACS Medicinal Chemistry Letters, 2014, 5, 1032-1036.	1.3	30
326	Lower incidence of macrovascular complications inÂpatients on insulin glargine versus those on basal human insulins: A population-based cohort study inÂItaly. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 10-17.	1.1	30
327	Docking-based classification models for exploratory toxicology studies on high-quality estrogenic experimental data. Future Medicinal Chemistry, 2015, 7, 1921-1936.	1.1	30
328	Hyodeoxycholic acid derivatives as liver X receptor Î± and G-protein-coupled bile acid receptor agonists. Scientific Reports, 2017, 7, 43290.	1.6	30
329	Overcoming the Lack of Oral Availability of Cyclic Hexapeptides: Design of a Selective and Orally Available Ligand for the Integrinâ€…Î±vÎ²3. Angewandte Chemie - International Edition, 2017, 56, 16405-16409.	7.2	30
330	Red Propolis and Its Dyslipidemic Regulator Formononetin: Evaluation of Antioxidant Activity and Gastroprotective Effects in Rat Model of Gastric Ulcer. Nutrients, 2020, 12, 2951.	1.7	30
331	Synthesis of New Molecular Probes for Investigation of Steroid Biosynthesis Induced by Selective Interaction with Peripheral Type Benzodiazepine Receptors (PBR)â€. Journal of Medicinal Chemistry, 2002, 45, 4276-4281.	2.9	29
332	L-Type Calcium Channel Blockers: From Diltiazem to 1,2,4-Oxadiazol-5-ones via Thiazinooxadiazol-3-one Derivatives. Journal of Medicinal Chemistry, 2009, 52, 2352-2362.	2.9	29
333	Selective Binding of Distamycin A Derivative to G-Quadruplex Structure [d(TGGGGT)]4. Journal of Nucleic Acids, 2010, 2010, 1-7.	0.8	29
334	Urotensin II receptor predicts the clinical outcome of prostate cancer patients and is involved in the regulation of motility of prostate adenocarcinoma cells. Journal of Cellular Biochemistry, 2011, 112, 341-353.	1.2	29
335	Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. ChemMedChem, 2012, 7, 1623-1634.	1.6	29
336	Modulation of the JAK/ERK/STAT signaling in melanocortin-induced inhibition of local and systemic responses to myocardial ischemia/reperfusion. Pharmacological Research, 2013, 72, 1-8.	3.1	29
337	Quinolineâ€Based p300 Histone Acetyltransferase Inhibitors with Proâ€apoptotic Activity in Human Leukemia U937 Cells. ChemMedChem, 2014, 9, 542-548.	1.6	29
338	Use of the hydrogen bond potential function in a comparative molecular field analysis (CoMFA) on a set of benzodiazepines. Journal of Computer-Aided Molecular Design, 1993, 7, 263-280.	1.3	28
339	Designed Glycopeptides with Different Î²-Turn Types as Synthetic Probes for the Detection of Autoantibodies as Biomarkers of Multiple Sclerosis. Journal of Medicinal Chemistry, 2008, 51, 5304-5309.	2.9	28
340	Cdc25B Phosphatase Inhibitors in Cancer Therapy: Latest Developments, Trends and Medicinal Chemistry Perspective. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 843-856.	0.9	28
341	Quinolylhydrazones as novel inhibitors of Plasmodium falciparum serine protease PfSUB1. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5317-5321.	1.0	28
342	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-one: A Novel Template for the Design of Highly Selective A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 1490-1499.	2.9	28

#	Article	IF	Citations
343	Modulation of A2B adenosine receptor by 1-Benzyl-3-ketoindole derivatives. European Journal of Medicinal Chemistry, 2013, 69, 331-337.	2.6	28
344	Discovery of a Novel Small Molecule Inhibitor Targeting the Frataxin/Ubiquitin Interaction via Structure-Based Virtual Screening and Bioassays. Journal of Medicinal Chemistry, 2013, 56, 2861-2873.	2.9	28
345	Effects of Annurca apple polyphenols on lipid metabolism in HepG2 cell lines: A source of nutraceuticals potentially indicated for the metabolic syndrome. Food Research International, 2014, 63, 252-257.	2.9	28
346	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. Bioorganic and Medicinal Chemistry, 2015, 23, 7053-7060.	1.4	28
347	Lead Optimization of 2-Phenylindolylglyoxylyldipeptide Murine Double Minute (MDM)2/Translocator Protein (TSPO) Dual Inhibitors for the Treatment of Gliomas. Journal of Medicinal Chemistry, 2016, 59, 4526-4538.	2.9	28
348	Lactoferrin-derived Peptides Active towards Influenza: Identification of Three Potent Tetrapeptide Inhibitors. Scientific Reports, 2017, 7, 10593.	1.6	28
349	Novel 2-substituted-benzimidazole-6-sulfonamides as carbonic anhydrase inhibitors: synthesis, biological evaluation against isoforms I, II, IX and XII and molecular docking studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1697-1710.	2.5	28
350	Discovery of novel amide tripeptides as pancreatic lipase inhibitors by virtual screening. New Journal of Chemistry, 2019, 43, 3208-3217.	1.4	28
351	Design, Synthesis and Biological Evaluation of NovelN-Alkyl-andN-Acyl-(7-substituted-2-phenylimidazo[1,2-a][1,3,5]triazin-4-yl)amines (ITAs) as Novel A1Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2002, 45, 5030-5036.	2.9	27
352	A Critical Review of Recent CoMFA Applications. , 1998, , 257-315.		27
353	Synthesis, Biological Evaluation, and Molecular Modeling Investigation of Chiral Phenoxyacetic Acid Analogues with PPARÎ± and PPARÎ³ Agonist Activity. ChemMedChem, 2007, 2, 641-654.	1.6	27
354	An Efficient Approach to Chiral C8/C9-Piperazino-Substituted 1,4-Benzodiazepin-2-ones as Peptidomimetic Scaffolds. Journal of Organic Chemistry, 2008, 73, 8458-8468.	1.7	27
355	Identification of Anxiolytic/Nonsedative Agents among Indol-3-ylglyoxylamides Acting as Functionally Selective Agonists at the Î³-Aminobutyric Acid-A (GABA_A) Î±₂ Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2009, 52, 3723-3734.	2.9	27
356	Non-Nucleoside Inhibitors of Human Adenosine Kinase: Synthesis, Molecular Modeling, and Biological Studies. Journal of Medicinal Chemistry, 2011, 54, 1401-1420.	2.9	27
357	Identification of PR-SET7 and EZH2 selective inhibitors inducing cell death in human leukemia U937 cells. Biochimie, 2012, 94, 2308-2313.	1.3	27
358	Discovery of PTPRJ Agonist Peptides That Effectively Inhibit in Vitro Cancer Cell Proliferation and Tube Formation. ACS Chemical Biology, 2013, 8, 1497-1506.	1.6	27
359	Outstanding effects on antithrombin activity of modified TBA diastereomers containing an optically pure acyclic nucleotide analogue. Organic and Biomolecular Chemistry, 2014, 12, 5235-5242.	1.5	27
360	Optimization of peptidomimetic boronates bearing a P3 bicyclic scaffold as proteasome inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 1-14.	2.6	27

#	Article	IF	Citations
361	Allosteric modulators of human A2B adenosine receptor. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1194-1203.	1.1	27
362	Exploring the first Rimonabant analog-opioid peptide hybrid compound, as bivalent ligand for CB1 and opioid receptors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 444-451.	2.5	27
363	Novel Isoxazole Derivatives with Potent FXR Agonistic Activity Prevent Acetaminophen-Induced Liver Injury. ACS Medicinal Chemistry Letters, 2019, 10, 407-412.	1.3	27
364	Monohydrazone Based G-Quadruplex Selective Ligands Induce DNA Damage and Genome Instability in Human Cancer Cells. Journal of Medicinal Chemistry, 2020, 63, 3090-3103.	2.9	27
365	Hemopressin Peptides as Modulators of the Endocannabinoid System and their Potential Applications as Therapeutic Tools. Protein and Peptide Letters, 2016, 23, 1045-1051.	0.4	27
366	Comparative Molecular Field Analysis on a Set of Muscarinic Agonists. QSAR and Combinatorial Science, 1991, 10, 289-299.	1.4	26
367	New pyrrolobenzothiazepine derivatives as molecular probes of the â€˜peripheral-typeâ€™ benzodiazepine receptor (PBR) binding site. European Journal of Medicinal Chemistry, 1997, 32, 241-251.	2.6	26
368	Antitumor Agents. 5. Synthesis, Structureâ^'Activity Relationships, and Biological Evaluation of Dimethyl-5H-pyridophenoxazin-5-ones, Tetrahydro-5H-benzopyridophenoxazin-5-ones, and 5H-Benzopyridophenoxazin-5-ones with Potent Antiproliferative Activity. Journal of Medicinal Chemistry, 2006, 49, 5110-5118.	2.9	26
369	Urotensin-II Receptor Antagonists. Current Medicinal Chemistry, 2006, 13, 267-275.	1.2	26
370	Obestatin conformational features: A strategy to unveil obestatinâ€™s biological role?. Biochemical and Biophysical Research Communications, 2007, 363, 500-505.	1.0	26
371	Tacrine based human cholinesterase inhibitors: Synthesis of peptidic-tethered derivatives and their effect on potency and selectivity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5213-5216.	1.0	26
372	Use of NMR in profiling of cocaine seizures. Forensic Science International, 2013, 231, 120-124.	1.3	26
373	(1S,3R,4S,5R)5-O-Caffeoylquinic acid: Isolation, stereo-structure characterization and biological activity. Food Chemistry, 2015, 178, 306-310.	4.2	26
374	Development of novel cyclic peptides as pro-apoptotic agents. European Journal of Medicinal Chemistry, 2016, 117, 301-320.	2.6	26
375	Exploring the N-Terminal Region of C-X-C Motif Chemokine 12 (CXCL12): Identification of Plasma-Stable Cyclic Peptides As Novel, Potent C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonists. Journal of Medicinal Chemistry, 2016, 59, 8369-8380.	2.9	26
376	From a Helix to a Small Cycle: Metadynamicsâ€inspired Î±vÎ²6 Integrin Selective Ligands. Angewandte Chemie - International Edition, 2018, 57, 14645-14649.	7.2	26
377	Annurca Apple Nutraceutical Formulation Enhances Keratin Expression in a Human Model of Skin and Promotes Hair Growth and Tropism in a Randomized Clinical Trial. Journal of Medicinal Food, 2018, 21, 90-103.	0.8	26
378	CDC25A and B Dual-Specificity Phosphatase Inhibitors: Potential Agents for Cancer Therapy. Current Medicinal Chemistry, 2009, 16, 1831-1849.	1.2	25

#	Article	IF	Citations
379	Discovery of Bishomo(hetero)arylpiperazines as Novel Multifunctional Ligands Targeting Dopamine D3and Serotonin 5-HT1Aand 5-HT2AReceptors. Journal of Medicinal Chemistry, 2010, 53, 4803-4807.	2.9	25
380	Synthesis and Pharmacological Evaluation of Some 4â€Oxoâ€quinolineâ€2â€carboxylic Acid Derivatives as Antiâ€inflammatory and Analgesic Agents. Archiv Der Pharmazie, 2010, 343, 561-569.	2.1	25
381	Novel Irreversible Fluorescent Probes Targeting the 18 kDa Translocator Protein: Synthesis and Biological Characterization. Journal of Medicinal Chemistry, 2010, 53, 4085-4093.	2.9	25
382	A more detailed picture of the interactions between virtual screening-derived hits and the DNA G-quadruplex: NMR, molecular modelling and ITC studies. Biochimie, 2011, 93, 1280-1287.	1.3	25
383	Synthesis and Antiplasmodial Activity of Bicyclic Dioxanes as Simplified Dihydroplakortin Analogues. Journal of Medicinal Chemistry, 2011, 54, 5949-5953.	2.9	25
384	Identification of novel molecular scaffolds for the design of MMP-13 inhibitors: A first round of lead optimization. European Journal of Medicinal Chemistry, 2012, 47, 143-152.	2.6	25
385	Identification of a new series of amides as non-covalent proteasome inhibitors. European Journal of Medicinal Chemistry, 2014, 76, 1-9.	2.6	25
386	DPP-4 inhibitors: a patent review (2012 â€“ 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 209-236.	2.4	25
387	Toxicity of aflatoxin B1 towards the vitamin D receptor (VDR). Food and Chemical Toxicology, 2015, 76, 77-79.	1.8	25
388	Osteogenesis Is Improved by Low Tumor Necrosis Factor Alpha Concentration through the Modulation of Gs-Coupled Receptor Signals. Molecular and Cellular Biology, 2017, 37, .	1.1	25
389	Dual MET and SMO Negative Modulators Overcome Resistance to EGFR Inhibitors in Human Nonsmall Cell Lung Cancer. Journal of Medicinal Chemistry, 2017, 60, 7447-7458.	2.9	25
390	Pyrrolyl Pyrazoles as Non-Diketo Acid Inhibitors of the HIV-1 Ribonuclease H Function of Reverse Transcriptase. ACS Medicinal Chemistry Letters, 2020, 11, 798-805.	1.3	25
391	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones:Â Tricyclic Heteroaromatic Derivatives as a New Class of Benzodiazepine Receptor Ligands. Journal of Medicinal Chemistry, 2000, 43, 96-102.	2.9	24
392	Urotensin-II Receptor Ligands. From Agonist to Antagonist Activity. Journal of Medicinal Chemistry, 2005, 48, 7290-7297.	2.9	24
393	Synthetic studies toward 1,2-dioxanes as precursors of potential endoperoxide-containing antimalarials. Tetrahedron Letters, 2009, 50, 5719-5722.	0.7	24
394	Membrane charge dependent states of the Î²-amyloid fragment AÎ² (16â€“35) with differently charged micelle aggregates. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 660-671.	1.4	24
395	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2012, 55, 10523-10531.	2.9	24
396	New Nucleotide-Competitive Non-Nucleoside Inhibitors of Terminal Deoxynucleotidyl Transferase: Discovery, Characterization, and Crystal Structure in Complex with the Target. Journal of Medicinal Chemistry, 2013, 56, 7431-7441.	2.9	24

#	Article	IF	Citations
397	Bis-indole derivatives with antitumor activity turn out to be specific ligands of human telomeric G-quadruplex. Frontiers in Chemistry, 2014, 2, 54.	1.8	24
398	Urotensin II receptor determines prognosis of bladder cancer regulating cell motility/invasion. Journal of Experimental and Clinical Cancer Research, 2014, 33, 48.	3.5	24
399	Design and Synthesis of New Cell Penetrating Peptides: Diffusion and Distribution Inside the Cornea. Molecular Pharmaceutics, 2016, 13, 3876-3883.	2.3	24
400	Investigational drugs targeting cyclin-dependent kinases for the treatment of cancer: an update on recent findings (2013-2016). Expert Opinion on Investigational Drugs, 2016, 25, 1215-1230.	1.9	24
401	Detailed peptide profiling of â€œScottaâ€• from a dairy waste to a source of potential health-promoting compounds. Dairy Science and Technology, 2016, 96, 763-771.	2.2	24
402	Lead Discovery of Dual G-Quadruplex Stabilizers and Poly(ADP-ribose) Polymerases (PARPs) Inhibitors: A New Avenue in Anticancer Treatment. Journal of Medicinal Chemistry, 2017, 60, 3626-3635.	2.9	24
403	Predictive Structure-Based Toxicology Approaches To Assess the Androgenic Potential of Chemicals. Journal of Chemical Information and Modeling, 2017, 57, 2874-2884.	2.5	24
404	Mimetics of suppressor of cytokine signaling 3: Novel potential therapeutics in triple breast cancer. International Journal of Cancer, 2018, 143, 2177-2186.	2.3	24
405	A Boost in Mitochondrial Activity Underpins the Cholesterol-Lowering Effect of Annurca Apple Polyphenols on Hepatic Cells. Nutrients, 2019, 11, 163.	1.7	24
406	Intestinal Anti-Inflammatory Effect of a Peptide Derived from Gastrointestinal Digestion of Buffalo (Bubalus bubalis) Mozzarella Cheese. Nutrients, 2019, 11, 610.	1.7	24
407	The acute myeloid leukemiaâ€associated Nucleophosmin 1 gene mutations dictate amyloidogenicity of the Câ€terminal domain. FEBS Journal, 2019, 286, 2311-2328.	2.2	24
408	Tailoring a lead-like compound targeting multiple G-quadruplex structures. European Journal of Medicinal Chemistry, 2019, 163, 295-306.	2.6	24
409	First-in-Class Cyclic Temporin L Analogue: Design, Synthesis, and Antimicrobial Assessment. Journal of Medicinal Chemistry, 2021, 64, 11675-11694.	2.9	24
410	Biophysical and biochemical characterization of a liposarcomaâ€derived recombinant MnSOD protein acting as an anticancer agent. International Journal of Cancer, 2008, 123, 2684-2695.	2.3	23
411	Design, Synthesis, and Cytotoxic Evaluation of Acyl Derivatives of 3-Aminonaphtho[2,3-b]thiophene-4,9-dione, a Quinone-Based System. Journal of Medicinal Chemistry, 2011, 54, 4077-4091.	2.9	23
412	Shading the TRF2 Recruiting Function: A New Horizon in Drug Development. Journal of the American Chemical Society, 2014, 136, 16708-16711.	6.6	23
413	Structural Evidence of N6-Isopentenyladenosine As a New Ligand of Farnesyl Pyrophosphate Synthase. Journal of Medicinal Chemistry, 2014, 57, 7798-7803.	2.9	23
414	Structure-based drug design targeting the cell membrane receptor GPBAR1: exploiting the bile acid scaffold towards selective agonism. Scientific Reports, 2015, 5, 16605.	1.6	23

#	Article	IF	Citations
415	The antiproliferative and proapoptotic effects of cladosporols A and B are related to their different binding mode as PPARÎ³ ligands. Biochemical Pharmacology, 2016, 108, 22-35.	2.0	23
416	Bioassay-guided identification of the antihyperglycaemic constituents of walnut (Juglans regia) leaves. Journal of Functional Foods, 2016, 26, 731-738.	1.6	23
417	Discovery of the first dual G-triplex/G-quadruplex stabilizing compound: a new opportunity in the targeting of G-rich DNA structures?. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1271-1280.	1.1	23
418	The Outcomes of Decorated Prolines in the Discovery of Antimicrobial Peptides from Temporinâ€Ł. ChemMedChem, 2019, 14, 1283-1290.	1.6	23
419	The Pomace Extract Taurisolo Protects Rat Brain From Ischemia-Reperfusion Injury. Frontiers in Cellular Neuroscience, 2020, 14, 3.	1.8	23
420	Petiodial, a new monocyclic diterpenoid from the Mediterranean green algaUdotea petiolata. Experientia, 1983, 39, 1275-1276.	1.2	22
421	Refinement of the Benzodiazepine Receptor Site Topology by Structureâ^'Activity Relationships of NewN-(Heteroarylmethyl)indol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2006, 49, 2489-2495.	2.9	22
422	5-Amino-2-phenyl[1,2,3]triazolo[1,2-a][1,2,4]benzotriazin-1-one:â€‰ A Versatile Scaffold To Obtain Potent and Selective A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2007, 50, 5676-5684.	2.9	22
423	Exploring the molecular basis of the enantioselective binding of penicillin G acylase towards a series of 2-aryloxyalkanoic acids: A docking and molecular dynamics study. Journal of Molecular Graphics and Modelling, 2007, 25, 773-783.	1.3	22
424	1H-Cyclopentapyrimidine-2,4(1H,3H)-dione-Related Ionotropic Glutamate Receptors Ligands. Structureâ^'Activity Relationships and Identification of Potent and Selective iGluR5 Modulators. Journal of Medicinal Chemistry, 2008, 51, 6614-6618.	2.9	22
425	New Insight into the Binding Mode of Peptide Ligands at Urotensin-II Receptor: Structureâ^'Activity Relationships Study on P5U and Urantide. Journal of Medicinal Chemistry, 2009, 52, 3927-3940.	2.9	22
426	Binding of the Hemopressin Peptide to the Cannabinoid CB₁Receptor: Structural Insights. Biochemistry, 2010, 49, 10449-10457.	1.2	22
427	Identification of Small-Molecule Enhancers of Arginine Methylation Catalyzed by Coactivator-Associated Arginine Methyltransferase 1. Journal of Medicinal Chemistry, 2012, 55, 9875-9890.	2.9	22
428	Designed Glucopeptides Mimetics of Myelin Protein Epitopes As Synthetic Probes for the Detection of Autoantibodies, Biomarkers of Multiple Sclerosis. Journal of Medicinal Chemistry, 2012, 55, 10437-10447.	2.9	22
429	Synthesis, biological evaluation and molecular investigation of fluorinated peroxisome proliferator-activated receptors Î±/Î³ dual agonists. Bioorganic and Medicinal Chemistry, 2012, 20, 2141-2151.	1.4	22
430	Characterization of a selective CaMKII peptide inhibitor. European Journal of Medicinal Chemistry, 2013, 62, 425-434.	2.6	22
431	Tuning RNA Interference by Enhancing siRNA/PAZ Recognition. ACS Medicinal Chemistry Letters, 2013, 4, 75-78.	1.3	22
432	Urotensinâ€<scp>II</scp> receptor is overâ€expressed in colon cancer cell lines and in colon carcinoma in humans. European Journal of Clinical Investigation, 2014, 44, 285-294.	1.7	22

#	Article	IF	Citations
433	Synthesis of Aminocarbonyl N-Acylhydrazones by a Three-Component Reaction of Isocyanides, Hydrazonoyl Chlorides, and Carboxylic Acids. Organic Letters, 2014, 16, 5332-5335.	2.4	22
434	5â€²-C-Ethyl-tetrazolyl-N⁶-Substituted Adenosine and 2-Chloro-adenosine Derivatives as Highly Potent Dual Acting A₁ Adenosine Receptor Agonists and A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2015, 58, 2560-2566.	2.9	22
435	Exploiting the Electrophilic and Nucleophilic Dual Role of Nitrile Imines: One-Pot, Three-Component Synthesis of Furo[2,3-d]pyridazin-4(5H)-ones. Organic Letters, 2015, 17, 3964-3967.	2.4	22
436	Nitrile N-Oxides and Nitrile Imines as New Fuels for the Discovery of Novel Isocyanide-Based Multicomponent Reactions. Synthesis, 2016, 48, 2721-2731.	1.2	22
437	Ligand-Based NMR Study of C-X-C Chemokine Receptor Type 4 (CXCR4)â€“Ligand Interactions on Living Cancer Cells. Journal of Medicinal Chemistry, 2018, 61, 2910-2923.	2.9	22
438	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 85-99.	1.7	22
439	Simultaneous Targeting of RGD-Integrins and Dual Murine Double Minute Proteins in Glioblastoma Multiforme. Journal of Medicinal Chemistry, 2018, 61, 4791-4809.	2.9	22
440	Unbinding of Translocator Protein 18 kDa (TSPO) Ligands: From in Vitro Residence Time to in Vivo Efficacy via in Silico Simulations. ACS Chemical Neuroscience, 2019, 10, 3805-3814.	1.7	22
441	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. Nutrients, 2020, 12, 1280.	1.7	22
442	Nâ€˜-Phenylindol-3-ylglyoxylohydrazide Derivatives:Â Synthesis, Structureâ€”Activity Relationships, Molecular Modeling Studies, and Pharmacological Action on Brain Benzodiazepine Receptors. Journal of Medicinal Chemistry, 1998, 41, 3821-3830.	2.9	21
443	Cycloaddition reactions of thiazolidine derivatives. An approach to the synthesis of new functionalized heterocyclic systems. Tetrahedron Letters, 2001, 42, 5755-5757.	0.7	21
444	Structureâ€”Activity Relationship Studies Optimizing the Antiproliferative Activity of Novel Cyclic Somatostatin Analogues Containing a Restrained Cyclic Î²-Amino Acidâ€. Journal of Medicinal Chemistry, 2005, 48, 2916-2926.	2.9	21
445	Elucidation of the enantioselective recognition mechanism of a penicillin G acylase-based chiral stationary phase towards a series of 2-aryloxy-2-arylacetic acids. Chirality, 2006, 18, 633-643.	1.3	21
446	Novel N-Substituted Indol-3-ylglyoxylamides Probing the LDiand L1/L2Lipophilic Regions of the Benzodiazepine Receptor Site in Search for Subtype-Selective Ligandsâ€. Journal of Medicinal Chemistry, 2007, 50, 1627-1634.	2.9	21
447	A practical, green, and selective approach toward the synthesis of pharmacologically important quinone-containing heterocyclic systems using alumina-catalyzed Michael addition reaction. Tetrahedron Letters, 2008, 49, 583-585.	0.7	21
448	Selective Kainate Receptor (GluK1) Ligands Structurally Based upon 1H-Cyclopentapyrimidin-2,4(1H,3H)-dione: Synthesis, Molecular Modeling, and Pharmacological and Biostructural Characterization. Journal of Medicinal Chemistry, 2011, 54, 4793-4805.	2.9	21
449	Lead Optimization of P5U and Urantide: Discovery of Novel Potent Ligands at the Urotensin-II Receptor. Journal of Medicinal Chemistry, 2014, 57, 5965-5974.	2.9	21
450	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2014, 80, 101-111.	2.6	21

#	Article	IF	Citations
451	Reaction between (Z)-Arylchlorooximes and Î±-Isocyanoacetamides: A Procedure for the Synthesis of Aryl-Î±-ketoamide Amides. Journal of Organic Chemistry, 2014, 79, 6006-6014.	1.7	21
452	Multicomponent Reaction of Z-Chlorooximes, Isocyanides, and Hydroxylamines as Hypernucleophilic Traps. A One-Pot Route to Aminodioximes and Their Transformation into 5-Amino-1,2,4-oxadiazoles by Mitsunobuâ€“Beckmann Rearrangement. Journal of Organic Chemistry, 2015, 80, 9652-9661.	1.7	21
453	Identification of Structural Features of 2â€Alkylideneâ€1,3â€Dicarbonyl Derivatives that Induce Inhibition and/or Activation of Histone Acetyltransferases KAT3B/p300 and KAT2B/PCAF. ChemMedChem, 2015, 10, 144-157.	1.6	21
454	Beyond radio-displacement techniques for Identification of CB1 Ligands: The First Application of a Fluorescence-quenching Assay. Scientific Reports, 2014, 4, 3757.	1.6	21
455	Development of an Optimized Protocol for NMR Metabolomics Studies of Human Colon Cancer Cell Lines and First Insight from Testing of the Protocol Using DNA G-Quadruplex Ligands as Novel Anti-Cancer Drugs. Metabolites, 2016, 6, 4.	1.3	21
456	Identification of noncovalent proteasome inhibitors with high selectivity for chymotrypsin-like activity by a multistep structure-based virtual screening. European Journal of Medicinal Chemistry, 2016, 121, 578-591.	2.6	21
457	Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides. Journal of Organic Chemistry, 2016, 81, 11612-11625.	1.7	21
458	A Healthy Balance of Plasma Cholesterol by a Novel Annurca Apple-Based Nutraceutical Formulation: Results of a Randomized Trial. Journal of Medicinal Food, 2017, 20, 288-300.	0.8	21
459	Structureâ€“Activity Relationships and Biological Characterization of a Novel, Potent, and Serum Stable C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonist. Journal of Medicinal Chemistry, 2017, 60, 9641-9652.	2.9	21
460	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. Biochemistry, 2018, 57, 839-851.	1.2	21
461	Improvement of the activity of the anti-HIV-1 integrase aptamer T30175 by introducing a modified thymidine into the loops. Scientific Reports, 2018, 8, 7447.	1.6	21
462	<scp>Arctium lappa</scp> contributes to the management of type 2 diabetes mellitus by regulating glucose homeostasis and improving oxidative stress: A critical review of in vitro and in vivo animalâ€based studies. Phytotherapy Research, 2019, 33, 2213-2220.	2.8	21
463	Amyloid fibers deriving from the aromatic core of C-terminal domain of nucleophosmin 1. International Journal of Biological Macromolecules, 2019, 122, 517-525.	3.6	21
464	Folding intermediate states of the parallel human telomeric G-quadruplex DNA explored using Well-Tempered Metadynamics. Scientific Reports, 2020, 10, 3176.	1.6	21
465	Pyroglutamic Acid Derivatives: Building Blocks for Drug Discovery. Heterocycles, 2014, 89, 1801.	0.4	21
466	A1 adenosine receptor antagonists, 3-aryl[1,2,4]triazino[4,3-a]benzimidazol-4-(10H)-ones (ATBIs) andN-alkyl andN-acyl-(7-substituted-2-phenylimidazo[1,2-a][1,3,5]triazin-4-yl)amines (ITAs): Different recognition of bovine and human binding sites. Drug Development Research, 2004, 63, 1-7.	1.4	20
467	Spiro[(dihydropyrazin-2,5-dione)-6,3â€²-(2â€²,3â€²-dihydrothieno[2,3-b]naphtho-4â€²,9â€²-dione)]-Based Cytotoxic Agents: Structureâ€“Activity Relationship Studies on the Substituent at N4-Position of the Diketopiperazine Domain. Journal of Medicinal Chemistry, 2008, 51, 2924-2932.	2.9	20
468	Receptorâ€Bound Conformation of Cilengitide Better Represented by Its Solutionâ€State Structure than the Solidâ€State Structure. Chemistry - A European Journal, 2014, 20, 14201-14206.	1.7	20

#	Article	IF	Citations
469	Discovery of Novel Potent and Selective Agonists at the Melanocortin-3 Receptor. Journal of Medicinal Chemistry, 2015, 58, 9773-9778.	2.9	20
470	Insights into amyloid-like aggregation of H2 region of the C-terminal domain of nucleophosmin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 176-185.	1.1	20
471	Rational modifications on a benzylidene-acrylohydrazide antiviral scaffold, synthesis and evaluation of bioactivity against Chikungunya virus. European Journal of Medicinal Chemistry, 2018, 149, 56-68.	2.6	20
472	(S)-2-Amino-3-(5-methyl-3-hydroxyisoxazol-4-yl)propanoic Acid (AMPA) and Kainate Receptor Ligands: Further Exploration of Bioisosteric Replacements and Structural and Biological Investigation. Journal of Medicinal Chemistry, 2018, 61, 2124-2130.	2.9	20
473	Annurca Apple Polyphenols Protect Murine Hair Follicles from Taxane Induced Dystrophy and Hijacks Polyunsaturated Fatty Acid Metabolism toward Î²-Oxidation. Nutrients, 2018, 10, 1808.	1.7	20
474	Annurca Apple Polyphenols Ignite Keratin Production in Hair Follicles by Inhibiting the Pentose Phosphate Pathway and Amino Acid Oxidation. Nutrients, 2018, 10, 1406.	1.7	20
475	Photocatalytic Isocyanide-Based Multicomponent Domino Cascade toward the Stereoselective Formation of Iminofurans. Journal of Organic Chemistry, 2020, 85, 1981-1990.	1.7	20
476	Synthesis and Pharmacological Characterization of Conformationally Restricted Retigabine Analogues as Novel Neuronal Kv7 Channel Activators. Journal of Medicinal Chemistry, 2020, 63, 163-185.	2.9	20
477	Novel temporin L antimicrobial peptides: promoting self-assembling by lipidic tags to tackle superbugs. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1751-1764.	2.5	20
478	Plant-derived peptides rubiscolin-6, soymorphin-6 and their c-terminal amide derivatives: Pharmacokinetic properties and biological activity. Journal of Functional Foods, 2020, 73, 104154.	1.6	20
479	The Hepatoprotective Effect of Taurisolo, a Nutraceutical Enriched in Resveratrol and Polyphenols, Involves Activation of Mitochondrial Metabolism in Mice Liver. Antioxidants, 2020, 9, 410.	2.2	20
480	MHC class II invariant chainâ€“adjuvanted viral vectored vaccines enhances T cell responses in humans. Science Translational Medicine, 2020, 12, .	5.8	20
481	Rapid and Efficient Methodology to Perform Macrocyclization Reactions in Solid-Phase Peptide Chemistry. Synlett, 2003, 2003, 2216-2218.	1.0	19
482	Design, Synthesis, Biological Evaluation, and Molecular Modeling Studies of TIBO-Like Cyclic Sulfones as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors. ChemMedChem, 2006, 1, 82-95.	1.6	19
483	A Membrane-Permeable Peptide Containing the Last 21 Residues of the GÎ±S Carboxyl Terminus Inhibits GS-Coupled Receptor Signaling in Intact Cells: Correlations between Peptide Structure and Biological Activity. Molecular Pharmacology, 2006, 69, 727-736.	1.0	19
484	Design, synthesis and efficacy of novel G protein-coupled receptor kinase 2 inhibitors. European Journal of Medicinal Chemistry, 2013, 69, 384-392.	2.6	19
485	Selective Arylsulfonamide Inhibitors of ADAM-17: Hit Optimization and Activity in Ovarian Cancer Cell Models. Journal of Medicinal Chemistry, 2013, 56, 8089-8103.	2.9	19
486	An investigation into the origin of the biased agonism associated with the urotensin II receptor activation. Journal of Peptide Science, 2015, 21, 392-399.	0.8	19

#	Article	IF	Citations
487	Targeting clinically-relevant metallo-Î²-lactamases: from high-throughput docking to broad-spectrum inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 98-109.	2.5	19
488	Locking PDK1 in DFG-out conformation through 2-oxo-indole containing molecules: Another tools to fight glioblastoma. European Journal of Medicinal Chemistry, 2016, 118, 47-63.	2.6	19
489	Phenylpyrrole-based HDAC inhibitors: synthesis, molecular modeling and biological studies. Future Medicinal Chemistry, 2016, 8, 1573-1587.	1.1	19
490	Chiral Indolylarylsulfone Non-Nucleoside Reverse Transcriptase Inhibitors as New Potent and Broad Spectrum Anti-HIV-1 Agents. Journal of Medicinal Chemistry, 2017, 60, 6528-6547.	2.9	19
491	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structureâ€“Activity Relationship Studies and Pharmacological Activity. Journal of Medicinal Chemistry, 2017, 60, 8115-8130.	2.9	19
492	Identification of novel microsomal prostaglandin E2 synthase-1 (mPGES-1) lead inhibitors from Fragment Virtual Screening. European Journal of Medicinal Chemistry, 2017, 125, 278-287.	2.6	19
493	Nucleophosmin-1 regions associated with acute myeloid leukemia interact differently with lipid membranes. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 967-978.	1.1	19
494	Sirtuins and SIRT6 in Carcinogenesis and in Diet. International Journal of Molecular Sciences, 2019, 20, 4945.	1.8	19
495	Assessing the influence of pH and cationic strength on i-motif DNA structure. Analytical and Bioanalytical Chemistry, 2019, 411, 7473-7479.	1.9	19
496	Antimicrobial peptide Temporin-L complexed with anionic cyclodextrins results in a potent and safe agent against sessile bacteria. International Journal of Pharmaceutics, 2020, 584, 119437.	2.6	19
497	Harnessing the pyrroloquinoxaline scaffold for FAAH and MAGL interaction: definition of the structural determinants for enzyme inhibition. RSC Advances, 2016, 6, 64651-64664.	1.7	19
498	Structural Studies on Hgr3 Orphan Receptor Ligand Prolactin-Releasing Peptide. Journal of Medicinal Chemistry, 2002, 45, 5483-5491.	2.9	18
499	Antitumor Agents 4. Characterization of Free Radicals Produced during Reduction of the Antitumor Drug 5H-Pyridophenoxazin-5-one:Â An EPR Study. Biochemistry, 2003, 42, 11924-11931.	1.2	18
500	Recent Structure-Activity Studies of the Peptide Hormone Urotensin-II, a Potent Vasoconstrictor. Current Medicinal Chemistry, 2004, 11, 969-979.	1.2	18
501	Design and Synthesis of Melanocortin Peptides with Candidacidal and Anti-TNF-Î± Properties. Journal of Medicinal Chemistry, 2005, 48, 1384-1388.	2.9	18
502	Development of piperazine-tethered heterodimers as potent antimalarials against chloroquine-resistant P. falciparum strains. Synthesis and molecular modeling. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3535-3539.	1.0	18
503	Synthesis, biological evaluation, and molecular modeling investigation of chiral 2-(4-chloro-phenoxy)-3-phenyl-propanoic acid derivatives with PPARÎ± and PPARÎ³ agonist activity. Bioorganic and Medicinal Chemistry, 2008, 16, 9498-9510.	1.4	18
504	Binding Site of Loperamide: Automated Docking of Loperamide in Human Î¼â€•and Î´â€Opioid Receptors. Chemical Biology and Drug Design, 2008, 71, 328-335.	1.5	18

#	Article	IF	Citations
505	Design and synthesis of spirotryprostatin-inspired diketopiperazine systems from prolyl spirooxoindolethiazolidine derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 4328-4337.	1.4	18
506	Antioxidant and Antimicrobial Properties of Polyphenolic Fractions from Selected Moroccan Red Wines. Journal of Food Science, 2011, 76, C1342-8.	1.5	18
507	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3. Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies.. Journal of Medicinal Chemistry, 2014, 57, 1225-1235.	2.9	18
508	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. European Journal of Medicinal Chemistry, 2015, 90, 526-536.	2.6	18
509	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. Analytical Chemistry, 2016, 88, 2327-2334.	3.2	18
510	N-Methylation of isoDGR Peptides: Discovery of a Selective Î±5Î²1-Integrin Ligand as a Potent Tumor Imaging Agent. Journal of Medicinal Chemistry, 2018, 61, 2490-2499.	2.9	18
511	4-Substituted Benzenesulfonamides Incorporating Bi/Tricyclic Moieties Act as Potent and Isoform-Selective Carbonic Anhydrase II/IX Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 5765-5770.	2.9	18
512	Constrained Peptides with Fineâ€Tuned Flexibility Inhibit NFâ€Y Transcription Factor Assembly. Angewandte Chemie - International Edition, 2019, 58, 17351-17358.	7.2	18
513	Development of Novel Amides as Noncovalent Inhibitors of Immunoproteasomes. ChemMedChem, 2019, 14, 842-852.	1.6	18
514	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. Journal of Medicinal Chemistry, 2019, 62, 1455-1467.	2.9	18
515	Urotensin-II receptor peptide agonists. Medicinal Research Reviews, 2004, 24, 577-588.	5.0	17
516	A stereoselective approach to peptidomimetic BACE1 inhibitors. European Journal of Medicinal Chemistry, 2013, 70, 233-247.	2.6	17
517	Investigation of new 2-aryl substituted Benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors targeting vascular endothelial growth factor receptor 2. European Journal of Medicinal Chemistry, 2015, 103, 29-43.	2.6	17
518	Urotensin II receptor on preoperative biopsy is associated with upstaging and upgrading in prostate cancer. Future Oncology, 2015, 11, 3091-3098.	1.1	17
519	Structureâ€Based Design of Microsomal Prostaglandinâ€…E₂ Synthaseâ€1 (mPGESâ€1) Inhibitors using a Virtual Fragment Growing Optimization Scheme. ChemMedChem, 2016, 11, 612-619.	1.6	17
520	A Divalent PAMAMâ€Based Matrix Metalloproteinase/Carbonic Anhydrase Inhibitor for the Treatment of Dry Eye Syndrome. Chemistry - A European Journal, 2016, 22, 1714-1721.	1.7	17
521	In silico study of subtilisin-like protease 1 (SUB1) from different Plasmodium species in complex with peptidyl-difluorostatones and characterization of potent pan-SUB1 inhibitors. Journal of Molecular Graphics and Modelling, 2016, 64, 121-130.	1.3	17
522	Characterization of linear mimetic peptides of Interleukin-22 from dissection of protein interfaces. Biochimie, 2017, 138, 106-115.	1.3	17

#	Article	IF	Citations
523	Annurca apple (M. pumila Miller cv Annurca) extracts act against stress and ageing in S. cerevisiae yeast cells. BMC Complementary and Alternative Medicine, 2017, 17, 200.	3.7	17
524	WNT Inhibitory Activity of Malus Pumila miller cv Annurca and Malus domestica cv Limoncella Apple Extracts on Human Colon-Rectal Cells Carrying Familial Adenomatous Polyposis Mutations. Nutrients, 2017, 9, 1262.	1.7	17
525	Fruitâ€based juices: Focus on antioxidant propertiesâ€"Study approach and update. Phytotherapy Research, 2019, 33, 1754-1769.	2.8	17
526	On resin click-chemistry-mediated synthesis of novel enkephalin analogues with potent anti-nociceptive activity. Scientific Reports, 2019, 9, 5771.	1.6	17
527	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. Oncotarget, 2016, 7, 7866-7884.	0.8	17
528	Urotensin-II Receptor: A Double Identity Receptor Involved in Vasoconstriction and in the Development of Digestive Tract Cancers and other Tumors. Current Cancer Drug Targets, 2017, 17, 109-121.	0.8	17
529	A Concerted Study Using Binding Measurements, X-ray Structural Data, and Molecular Modeling on the Stereochemical Features Responsible for the Affinity of 6-Arylpyrrolo[2,1-d][1,5]benzothiazepines toward Mitochondrial Benzodiazepine Receptors. Journal of Medicinal Chemistry, 1995, 38, 4730-4738.	2.9	16
530	Synthesis, local anesthetic activity and QSAR studies for a set of N-[2-(alkylamino)ethyl]benzotriazol-x-yl acetamides. European Journal of Medicinal Chemistry, 1995, 30, 603-608.	2.6	16
531	Computer-assisted design, synthesis and biological evaluation of novel pyrrolyl heteroaryl sulfones targeted at HIV-1 reverse transcriptase as non-nucleoside inhibitors. Bioorganic and Medicinal Chemistry, 2000, 8, 2305-2309.	1.4	16
532	Morphiceptin Analogues Containing a Dipeptide Mimetic Structure:Â An Investigation on the Bioactive Topology at the Î¼-Receptor. Journal of Medicinal Chemistry, 2005, 48, 3153-3163.	2.9	16
533	Approaches to Three-Dimensional Quantitative Structure-Activity Relationships. Reviews in Computational Chemistry, 2007, , 183-240.	1.5	16
534	Derivatives of Benzimidazolâ€2â€ylquinoline and Benzimidazolâ€2â€ylisoquinoline as Selective A₁ Adenosine Receptor Antagonists with Stimulant Activity on Human Colon Motility. ChemMedChem, 2011, 6, 1909-1918.	1.6	16
535	New Anticancer Agents Mimicking Protein Recognition Motifs. Journal of Medicinal Chemistry, 2013, 56, 6666-6680.	2.9	16
536	tertâ€Butylcarbamateâ€Containing Histone Deacetylase Inhibitors: Apoptosis Induction, Cytodifferentiation, and Antiproliferative Activities in Cancer Cells. ChemMedChem, 2013, 8, 800-811.	1.6	16
537	Revisiting a Receptor-Based Pharmacophore Hypothesis for Human A_{2A} Adenosine Receptor Antagonists. Journal of Chemical Information and Modeling, 2013, 53, 1620-1637.	2.5	16
538	Development of Novel Selective Peptidomimetics Containing a Boronic Acid Moiety, Targeting the 20S Proteasome as Anticancer Agents. ChemMedChem, 2014, 9, 1801-1816.	1.6	16
539	Synthesis, Characterization, and DNA Binding Profile of a Macrocyclic Î²-Sheet Analogue of ARC Protein. ACS Medicinal Chemistry Letters, 2015, 6, 1220-1224.	1.3	16
540	Discovery of N-aryl-naphthylamines as inÂvitro inhibitors of the interaction between HIV integrase and the cofactor LEDGF/p75. European Journal of Medicinal Chemistry, 2015, 101, 288-294.	2.6	16

#	Article	IF	Citations
541	Antioxidant and antimicrobial properties of traditional green and purple â€œNapoletanoâ€•basil cultivars (Ocimum basilicum L.) from Campania region (Italy). Natural Product Research, 2017, 31, 2067-2071.	1.0	16
542	Design, synthesis and biological evaluation of novel TRÎ² selective agonists sustained by ADME-toxicity analysis. European Journal of Medicinal Chemistry, 2020, 188, 112006.	2.6	16
543	Exploiting the Indole Scaffold to Design Compounds Binding to Different Pharmacological Targets. Molecules, 2020, 25, 2331.	1.7	16
544	A Pilot Screening of Agro-Food Waste Products as Sources of Nutraceutical Formulations to Improve Simulated Postprandial Glycaemia and Insulinaemia in Healthy Subjects. Nutrients, 2020, 12, 1292.	1.7	16
545	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. Nutrients, 2020, 12, 967.	1.7	16
546	A Fhit-mimetic peptide suppresses annexin A4-mediated chemoresistance to paclitaxel in lung cancer cells. Oncotarget, 2016, 7, 29927-29936.	0.8	16
547	Interfering with the Tumorâ€“Immune Interface: Making Way for Triazine-Based Small Molecules as Novel PD-L1 Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 16020-16045.	2.9	16
548	Occurrence of mycosporine related compounds in sea urchin eggs. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1986, 85, 459-461.	0.2	15
549	Synthesis and pharmacological evaluation of a set of N-[2-(alkylamino)ethyl]benzotriazol-X-yl isobutyramides acting as local anesthetics. European Journal of Medicinal Chemistry, 1996, 31, 99-104.	2.6	15
550	Synthesis of new Î²-turn dipeptide mimetic based on tetrahydroisoquinoline moiety. Tetrahedron Letters, 2002, 43, 6297-6299.	0.7	15
551	A new efficient synthetic methodology for tetrahydroisoquinoline and tetrahydro-Â-carboline derivatives using the Pictetâ€“Spengler reaction. Molecular Diversity, 2004, 8, 427-430.	2.1	15
552	Synthesis, cannabinoid receptor affinity, molecular modeling studies and in vivo pharmacological evaluation of new substituted 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides. 2. Effect of the 3-carboxamide substituent on the affinity and selectivity profile. Bioorganic and Medicinal Chemistry, 2009, 17, 5549-5564.	1.4	15
553	Specific Targeting of Highly Conserved Residues in the HIV-1 Reverse Transcriptase Primer Grip Region. 2. Stereoselective Interaction to Overcome the Effects of Drug Resistant Mutations. Journal of Medicinal Chemistry, 2009, 52, 1224-1228.	2.9	15
554	Tertiary amides with a five-membered heteroaromatic ring as new probes for the translocator protein. European Journal of Medicinal Chemistry, 2011, 46, 4506-4520.	2.6	15
555	1-Aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamide: An effective scaffold for the design of either CB1 or CB2 receptor ligands. European Journal of Medicinal Chemistry, 2011, 46, 5641-5653.	2.6	15
556	Chemical composition, antioxidant and antimicrobial properties of Rapa Catozza Napoletana (Brassica rapa L. var. rapa DC.) seed meal, a promising protein source of Campania region (southern Italy) horticultural germplasm. Journal of the Science of Food and Agriculture, 2012, 92, 1716-1724.	1.7	15
557	Novel peptidomimetics as BACE-1 inhibitors: Synthesis, molecular modeling, and biological studies. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 85-89.	1.0	15
558	Production of enniatins A, A1, B, B1, B4, J1 by Fusarium tricinctum in solid corn culture: Structural analysis and effects on mitochondrial respiration. Food Chemistry, 2013, 140, 784-793.	4.2	15

#	Article	IF	Citations
559	Plasmodium falciparum subtilisin-like protease 1: discovery of potent difluorostatone-based inhibitors. RSC Advances, 2015, 5, 22431-22448.	1.7	15
560	Design, Synthesis, and Biological Evaluation of Novel 2-((2-(4-(Substituted)phenylpiperazin-1-yl)ethyl)amino)-5â€²-N-ethylcarboxamidoadenosines as Potent and Selective Agonists of the A_{2A} Adenosine Receptor. Journal of Medicinal Chemistry, 2015, 58, 3253-3267.	2.9	15
561	Exploring clotrimazole-based pharmacophore: 3D-QSAR studies and synthesis of novel antiplasmodial agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5412-5418.	1.0	15
562	Identification of an indol-based derivative as potent and selective varicella zoster virus (VZV) inhibitor. European Journal of Medicinal Chemistry, 2016, 124, 773-781.	2.6	15
563	Exploring the Role of N⁶-Substituents in Potent Dual Acting 5â€²-C-Ethyltetrazolyladenosine Derivatives: Synthesis, Binding, Functional Assays, and Antinociceptive Effects in Mice. Journal of Medicinal Chemistry, 2017, 60, 4327-4341.	2.9	15
564	Targeting multiple G-quadruplexâ€“forming DNA sequences: Design, biophysical and biological evaluations of indolo-naphthyridine scaffold derivatives. European Journal of Medicinal Chemistry, 2019, 182, 111627.	2.6	15
565	Potent, Efficacious, and Stable Cyclic Opioid Peptides with Long Lasting Antinociceptive Effect after Peripheral Administration. Journal of Medicinal Chemistry, 2020, 63, 2673-2687.	2.9	15
566	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. European Journal of Pharmaceutical Sciences, 2020, 149, 105337.	1.9	15
567	Vascular Effects of the Polyphenolic Nutraceutical Supplement TaurisoloÂ®: Focus on the Protection of the Endothelial Function. Nutrients, 2021, 13, 1540.	1.7	15
568	Design of novel nicotinic ligands through 3D database searching. Bioorganic and Medicinal Chemistry, 2005, 13, 799-807.	1.4	14
569	A novel approach to the synthesis of diaza-bridged heterocycle derivatives. Tetrahedron, 2006, 62, 8083-8088.	1.0	14
570	New 2-Heterocyclyl-imidazo[2,1-i]purin-5-one Derivatives as Potent and Selective Human A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2011, 54, 5205-5220.	2.9	14
571	Discovery of potent nucleotide-mimicking competitive inhibitors of hepatitis C virus NS3 helicase. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2776-2779.	1.0	14
572	Carprofen Analogues as Sirtuin Inhibitors: Enzyme and Cellular Studies. ChemMedChem, 2012, 7, 1905-1908.	1.6	14
573	Human recombinant beta-secretase immobilized enzyme reactor for fast hitsâ€™ selection and characterization from a virtual screening library. Journal of Pharmaceutical and Biomedical Analysis, 2013, 73, 131-134.	1.4	14
574	Insights on pregnane-X-receptor modulation. Natural and semisynthetic steroids from Theonella marine sponges. European Journal of Medicinal Chemistry, 2014, 73, 126-134.	2.6	14
575	Exploring the biological consequences of conformational changes in aspartame models containing constrained analogues of phenylalanine. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 953-963.	2.5	14
576	Amphoteric 2-(sulfonylamino)benzaldehydes, secondary amines and isocyanides in the multicomponent synthesis of elusive N -alkyl-2,3-diaminoindoles. Tetrahedron Letters, 2017, 58, 4264-4268.	0.7	14

#	Article	IF	Citations
577	Decoration of Chondroitin Polysaccharide with Threonine: Synthesis, Conformational Study, and Ice-Recrystallization Inhibition Activity. Biomacromolecules, 2017, 18, 2267-2276.	2.6	14
578	Development of novel multipotent compounds modulating endocannabinoid and dopaminergic systems. European Journal of Medicinal Chemistry, 2019, 183, 111674.	2.6	14
579	Aryl Azides as Forgotten Electrophiles in the Van Leusen Reaction: A Multicomponent Transformation Affording 4-Tosyl-1-arylimidazoles. Journal of Organic Chemistry, 2019, 84, 16299-16307.	1.7	14
580	Induction of Hair Keratins Expression by an Annurca Apple-Based Nutraceutical Formulation in Human Follicular Cells. Nutrients, 2019, 11, 3041.	1.7	14
581	Temporin L-derived peptide as a regulator of the acute inflammatory response in zymosan-induced peritonitis. Biomedicine and Pharmacotherapy, 2020, 123, 109788.	2.5	14
582	Discovery of dihydroxyindole-2-carboxylic acid derivatives as dual allosteric HIV-1 Integrase and Reverse Transcriptase associated Ribonuclease H inhibitors. Antiviral Research, 2020, 174, 104671.	1.9	14
583	Endogenous Urotensin II Selectively Modulates Erectile Function through eNOS. PLoS ONE, 2012, 7, e31019.	1.1	14
584	Identification of cysteinyldopa-derived units in eumelanins from mammalian eyes. FEBS Letters, 1981, 125, 101-103.	1.3	13
585	Some new aspects on the chemistry of 1,4-benzoxazines. Journal of Heterocyclic Chemistry, 1985, 22, 1021-1023.	1.4	13
586	Synthesis and Pharmacological Activity of 2-(substituted)-3-{2-[(4-phenyl-4-cyano)piperidino]ethyl}-1,3-thiazolidin-4-ones. Chemical Biology and Drug Design, 2006, 67, 432-436.	1.5	13
587	Malaria Chemotherapy: Recent Advances in Drug Development. Recent Patents on Anti-infective Drug Discovery, 2010, 5, 195-225.	0.5	13
588	Nutraceutical value and toxicological profile of selected red wines from Morocco. Food Chemistry, 2011, 129, 792-798.	4.2	13
589	N-O-Isopropyl sulfonamido-based hydroxamates: Kinetic characterisation of a series of MMP-12/MMP-13 dual target inhibitors. Biochemical Pharmacology, 2012, 84, 813-820.	2.0	13
590	New insight into the binding mode of peptides at urotensinâ€II receptor by Trpâ€constrained analogues of P5U and urantide. Journal of Peptide Science, 2013, 19, 293-300.	0.8	13
591	From (+)-epigallocatechin gallate to a simplified synthetic analogue as a cytoadherence inhibitor for P. falciparum. RSC Advances, 2014, 4, 4769-4781.	1.7	13
592	Marine and Semi-Synthetic Hydroxysteroids as New Scaffolds for Pregnane X Receptor Modulation. Marine Drugs, 2014, 12, 3091-3115.	2.2	13
593	The Glycan Role in the Glycopeptide Immunogenicity Revealed by Atomistic Simulations and Spectroscopic Experiments on the Multiple Sclerosis Biomarker CSF114(Glc). Scientific Reports, 2015, 5, 9200.	1.6	13
594	Facile Baeyerâ€“Villiger oxidation of cyclic ketones: conventional versus microwave-assisted approach. Tetrahedron Letters, 2015, 56, 5723-5726.	0.7	13

#	Article	IF	Citations
595	New small molecules, ISA27 and SM13, inhibit tumour growth inducing mitochondrial effects of p53. British Journal of Cancer, 2015, 112, 77-85.	2.9	13
596	Development and Identification of a Novel Anti-HIV-1 Peptide Derived by Modification of the N-Terminal Domain of HIV-1 Integrase. Frontiers in Microbiology, 2016, 7, 845.	1.5	13
597	Enantiomeric 4â€Acylaminoâ€6â€alkyloxyâ€2 Alkylthiopyrimidines As Potential A₃ Adenosine Receptor Antagonists: HPLC Chiral Resolution and Absolute Configuration Assignment by a Full Set of Chiroptical Spectroscopy. Chirality, 2016, 28, 434-440.	1.3	13
598	Chemical modifications in the seed region of miRNAs 221/222 increase the silencing performances in gastrointestinal stromal tumor cells. European Journal of Medicinal Chemistry, 2016, 111, 15-25.	2.6	13
599	Opioid Receptor Activity and Analgesic Potency of DPDPE Peptide Analogues Containing a Xylene Bridge. ACS Medicinal Chemistry Letters, 2017, 8, 449-454.	1.3	13
600	Exploiting the 4-Phenylquinazoline Scaffold for the Development of High Affinity Fluorescent Probes for the Translocator Protein (TSPO). Journal of Medicinal Chemistry, 2017, 60, 7897-7909.	2.9	13
601	Interactions of cisplatin analogues with lysozyme: a comparative analysis. BioMetals, 2017, 30, 733-746.	1.8	13
602	Activation of the Wnt Pathway by Small Peptides: Rational Design, Synthesis and Biological Evaluation. ChemMedChem, 2017, 12, 2074-2085.	1.6	13
603	Challenging clinically unresponsive medullary thyroid cancer: Discovery and pharmacological activity of novel RET inhibitors. European Journal of Medicinal Chemistry, 2018, 150, 491-505.	2.6	13
604	A nutraceutical formulation based on Annurca apple polyphenolic extract is effective on intestinal cholesterol absorption: A randomised, placebo-controlled, crossover study. PharmaNutrition, 2018, 6, 85-94.	0.8	13
605	Bridged bicyclic 2,3-dioxabicyclo[3.3.1]nonanes as antiplasmodial agents: Synthesis, structure-activity relationships and studies on their biomimetic reaction with Fe(II). Bioorganic Chemistry, 2019, 89, 103020.	2.0	13
606	Visible-Light Photocatalytic Functionalization of Isocyanides for the Synthesis of Secondary Amides and Ketene Aminals. Journal of Organic Chemistry, 2020, 85, 14077-14086.	1.7	13
607	In Silico Identification of Tripeptides as Lead Compounds for the Design of KOR Ligands. Molecules, 2021, 26, 4767.	1.7	13
608	2-Amino-6-[(1'R,2'S)-1',2'-dihydroxypropyl]-3-methyl-pterin-4-one, a biologically active metabolite from the anthozoanAstroides calycularis Pallas. Experientia, 1987, 43, 950-952.	1.2	12
609	Arylthiopyrrole (AThP) Derivatives as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors: Synthesis, Structureâ€"Activity Relationships, and Docking Studies (Partâ€...2). ChemMedChem, 2006, 1, 1379-1390.	1.6	12
610	Structure?function Relationships and Conformational Properties of ?-MSH(6?13) Analogues with Candidacidal Activity. Chemical Biology and Drug Design, 2007, 69, 68-74.	1.5	12
611	Urotensin II: A Novel Target in Human Corpus Cavernosum. Journal of Sexual Medicine, 2010, 7, 1778-1786.	0.3	12
612	Conformational study on cyclic melanocortin ligands and new insight into their binding mode at the MC4 receptor. European Journal of Medicinal Chemistry, 2011, 46, 3721-3733.	2.6	12

#	Article	IF	Citations
613	Tailoring of Integrin Ligands: Probing the Charge Capability of the Metal Ion-Dependent Adhesion Site. Journal of Medicinal Chemistry, 2012, 55, 871-882.	2.9	12
614	Amino Acid Derivatives as New Zinc Binding Groups for the Design of Selective Matrix Metalloproteinase Inhibitors. Journal of Amino Acids, 2013, 2013, 1-12.	5.8	12
615	Characterization of 2,4-Diamino-6-oxo-1,6-dihydropyrimidin-5-yl Ureido Based Inhibitors of Trypanosoma brucei FolD and Testing for Antiparasitic Activity. Journal of Medicinal Chemistry, 2015, 58, 7938-7948.	2.9	12
616	Cyclic Biphalin Analogues Incorporating a Xylene Bridge: Synthesis, Characterization, and Biological Profile. ACS Medicinal Chemistry Letters, 2017, 8, 858-863.	1.3	12
617	Urokinase receptor derived peptides as potent inhibitors of the formyl peptide receptor type 1-triggered cell migration. European Journal of Medicinal Chemistry, 2018, 143, 348-360.	2.6	12
618	Identification of novel indole derivatives acting as inhibitors of the Keap1â€“Nrf2 interaction. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1152-1157.	2.5	12
619	TaurisoloÂ®, a Grape Pomace Polyphenol Nutraceutical Reducing the Levels of Serum Biomarkers Associated With Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 697272.	1.1	12
620	Interaction of the N-(3-Methylpyridin-2-yl)amide Derivatives of Flurbiprofen and Ibuprofen with FAAH: Enantiomeric Selectivity and Binding Mode. PLoS ONE, 2015, 10, e0142711.	1.1	12
621	Computer-aided structure-affinity relationships in a set of piperazine and 3,8-diazabicyclo[3.2.1]octane derivatives binding to the ?-opioid receptor. Journal of Computer-Aided Molecular Design, 1993, 7, 557-571.	1.3	11
622	Effects of variable selection on CoMFA coefficient contour maps in a set of triazines inhibiting DHFR. Journal of Computer-Aided Molecular Design, 1994, 8, 97-112.	1.3	11
623	Conformational studies on a synthetic C-terminal fragment of the Î± subunit of GS proteins. Biopolymers, 2000, 54, 186-194.	1.2	11
624	Homology modelling and docking studies on Varicella Zoster Virus Thymidine kinase. European Journal of Medicinal Chemistry, 2003, 38, 413-419.	2.6	11
625	Conformational Stability of A?-(25?35) in the Presence of Thiazolidine Derivatives. Chemical Biology and Drug Design, 2007, 69, 111-118.	1.5	11
626	Synthesis of Novel Indoleâ€Based Ring Systems by Acidâ€Catalysed Condensation from Î±â€Amino Aldehydes and <scp>L</scp>â€Trpâ€OMe. European Journal of Organic Chemistry, 2008, 2008, 1983-1992.	1.2	11
627	A New Series of 1,3â€Dihidroâ€Imidazo[1,5â€c]thiazoleâ€5,7â€Dione Derivatives: Synthesis and Interaction with AÎ²(25â€35) Amyloid Peptide. Chemical Biology and Drug Design, 2009, 74, 224-233.	1.5	11
628	A novel quinoneâ€based derivative (DTNQâ€Pro) induces apoptotic death via modulation of heat shock protein expression in Caco‐2 cells. British Journal of Pharmacology, 2010, 160, 931-940.	2.7	11
629	A stereoselective route to 6-substituted pyrrolo-1,5-benzoxazepinones and their analogues. Tetrahedron Letters, 2013, 54, 5387-5390.	0.7	11
630	A regular thymine tetrad and a peculiar supramolecular assembly in the first crystal structure of an all-LNA G-quadruplex. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 362-370.	2.5	11

#	Article	IF	Citations
631	Stabile Peptide statt â€œgestapelte Peptideâ€• hochaffine Î±vÎ²6â€selektive Integrinliganden. Angewandte Chemie, 2016, 128, 1559-1563.	1.6	11
632	Evaluation of the analgesic effect of 4-anilidopiperidine scaffold containing ureas and carbamates. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1638-1647.	2.5	11
633	A compound-based proteomic approach discloses 15-ketoatractyligenin methyl ester as a new PPARÎ³ partial agonist with anti-proliferative ability. Scientific Reports, 2017, 7, 41273.	1.6	11
634	Development of Macrocyclic Peptidomimetics Containing Constrained Î±,Î±-Dialkylated Amino Acids with Potent and Selective Activity at Human Melanocortin Receptors. Journal of Medicinal Chemistry, 2018, 61, 4263-4269.	2.9	11
635	Molecular Docking for Predictive Toxicology. Methods in Molecular Biology, 2018, 1800, 181-197.	0.4	11
636	Abscisic Acid Treatment in Patients with Prediabetes. Nutrients, 2020, 12, 2931.	1.7	11
637	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. European Journal of Pharmacology, 2021, 897, 173936.	1.7	11
638	Trimeric aldolization product of 1,4-benzothiazine. Journal of the Chemical Society Chemical Communications, 1977, , 50.	2.0	10
639	Anthocyanin composition and extractability in berry skin and wine of Vitis vinifera L. cv. Aglianico. Journal of the Science of Food and Agriculture, 2011, 91, 2749-2755.	1.7	10
640	A synthetic strategy to bridged 2,3,8-trioxabicyclo[3,3,1]nonane endoperoxides. Tetrahedron Letters, 2013, 54, 1233-1235.	0.7	10
641	SAR study and conformational analysis of a series of novel peptide G proteinâ€coupled receptor kinase 2 inhibitors. Biopolymers, 2014, 101, 121-128.	1.2	10
642	Urantide Conformation and Interaction with the Urotensinâ€<scp>II</scp> Receptor. Archiv Der Pharmazie, 2014, 347, 185-192.	2.1	10
643	Dihydrithieno[2,3-b]naphto-4,9-dione analogues as anticancer agents: Synthesis and in cell pharmacological studies. European Journal of Medicinal Chemistry, 2015, 102, 106-114.	2.6	10
644	GTP is an allosteric modulator of the interaction between the guanylate-binding protein 1 and the prosurvival kinase PIM1. European Journal of Medicinal Chemistry, 2015, 91, 132-144.	2.6	10
645	Novel propanamides as fatty acid amide hydrolase inhibitors. European Journal of Medicinal Chemistry, 2017, 136, 523-542.	2.6	10
646	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. Bioorganic and Medicinal Chemistry, 2018, 26, 2539-2550.	1.4	10
647	Molecular Scavengers, Oxidative Stress and Cardiovascular Disease. Journal of Clinical Medicine, 2019, 8, 1895.	1.0	10
648	Long lasting inhibition of Mdm2-p53 interaction potentiates mesenchymal stem cell differentiation into osteoblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 737-749.	1.9	10

#	Article	IF	Citations
649	Investigation of the Stereochemical-Dependent DNA and RNA Binding of Arginine-Based Nucleopeptides. Symmetry, 2019, 11, 567.	1.1	10
650	Disulfide Bond Replacement with 1,4â€•and 1,5â€Disubstituted [1,2,3]â€Triazole on Câ€Xâ€C Chemokine Receptor Type 4 (CXCR4) Peptide Ligands: Small Changes that Make Big Differences. Chemistry - A European Journal, 2020, 26, 10113-10125.	1.7	10
651	A novel Î²-hairpin peptide derived from the ARC repressor selectively interacts with the major groove of B-DNA. Bioorganic Chemistry, 2021, 112, 104836.	2.0	10
652	New Insight on the Synthesis of Neurotoxins Domoic Acid and Kainic Acid. Protein and Peptide Letters, 2015, 22, 696-711.	0.4	10
653	Thinned Nectarines, an Agro-Food Waste with Antidiabetic Potential: HPLC-HESI-MS/MS Phenolic Characterization and In Vitro Evaluation of Their Beneficial Activities. Foods, 2022, 11, 1010.	1.9	10
654	Synthesis, antimicrobial data and correlation analysis in a set of 2-alkyl-5-amidobenzotriazoles. European Journal of Medicinal Chemistry, 1992, 27, 161-166.	2.6	9
655	Reaction between quinone and thiazolidine. A study on the formation mechanism of new antiproliferative quinolindiones. Tetrahedron, 2004, 60, 8189-8197.	1.0	9
656	High Affinity Central Benzodiazepine Receptor Ligands:Â Synthesis and Biological Evaluation of a Series of Phenyltriazolobenzotriazindione Derivatives. Journal of Medicinal Chemistry, 2005, 48, 2936-2943.	2.9	9
657	Driving Forces in the Delivery of Penetratin Conjugated G Protein Fragment. Journal of Medicinal Chemistry, 2007, 50, 1458-1464.	2.9	9
658	Unprecedented synthesis of a novel amino quinone ring system via oxidative decarboxylation of quinone-based Î±,Î±-amino esters. Organic and Biomolecular Chemistry, 2010, 8, 622-627.	1.5	9
659	Solution-Phase Parallel Synthesis of Aryloxyimino Amides via a Novel Multicomponent Reaction among Aromatic (Z)-Chlorooximes, Isocyanides, and Electron-Deficient Phenols. ACS Combinatorial Science, 2014, 16, 602-605.	3.8	9
660	Canned bluefin tuna, an in vitro cardioprotective functional food potentially safer than commercial fish oil based pharmaceutical formulations. Food and Chemical Toxicology, 2014, 71, 231-235.	1.8	9
661	The First Sphingosine 1-Phosphate Lyase Inhibitors against Multiple Sclerosis: A Successful Drug Discovery Tale. Journal of Medicinal Chemistry, 2014, 57, 5072-5073.	2.9	9
662	Residence Time, a New parameter to Predict Neurosteroidogenic Efficacy of Translocator Protein (TSPO) Ligands: the Case Study of N,Nâ€Dialkylâ€2â€arylindolâ€3â€ylglyoxylamides. ChemMedChem, 2017, 12, 1275-1278.	3.6	9
663	Developing Cyclic Opioid Analogues: Fluorescently Labeled Bioconjugates of Biphalin. ACS Medicinal Chemistry Letters, 2020, 11, 720-726.	1.3	9
664	Genotoxicity Assessment of Three Nutraceuticals Containing Natural Antioxidants Extracted from Agri-Food Waste Biomasses. Foods, 2020, 9, 1461.	1.9	9
665	Halting the Spread of Herpes Simplex Virus-1: The Discovery of an Effective Dual Î±vÎ²6/Î±vÎ²8 Integrin Ligand. Journal of Medicinal Chemistry, 2021, 64, 6972-6984.	2.9	9
666	Inhibition studies on carbonic anhydrase isoforms I, II, IV and IX with N-arylsubstituted secondary sulfonamides featuring a bicyclic tetrahydroindazole scaffold. European Journal of Medicinal Chemistry, 2021, 220, 113490.	2.6	9

#	Article	IF	Citations
667	Lower Rate of Cardiovascular Complications in Patients on Bolus Insulin Analogues: A Retrospective Population-Based Cohort Study. PLoS ONE, 2013, 8, e79762.	1.1	9
668	Application of a Rapid and Simple Technological Process to Increase Levels and Bioccessibility of Free Phenolic Compounds in Annurca Apple Nutraceutical Product. Foods, 2022, 11, 1453.	1.9	9
669	Conformational analysis of the G?s proteinC-terminal region. Journal of Peptide Science, 2002, 8, 476-488.	0.8	8
670	A structureâ€“activity relationship study on position-2 of the GÎ±s C-terminal peptide able to inhibit Gs activation by A2A adenosine receptor. European Journal of Medicinal Chemistry, 2003, 38, 13-18.	2.6	8
671	Opposite Modulation of Cell Migration by Distinct Subregions of Urokinase Connecting Peptide. ChemBioChem, 2013, 14, 882-889.	1.3	8
672	DTNQ-Pro, a Mimetic Dipeptide, Sensitizes Human Colon Cancer Cells to 5-Fluorouracil Treatment. Journal of Amino Acids, 2013, 2013, 1-7.	5.8	8
673	Structureâ€activity studies of peptidomimetics based on kinaseâ€inhibitory region of suppressors of cytokine signaling 1. Peptide Science, 2018, 110, e23082.	1.0	8
674	Impact of phytosterols on liver and distal colon metabolome in experimental murine colitis model: an explorative study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1041-1050.	2.5	8
675	Improved Anti-Prion Nucleic Acid Aptamers by Incorporation of Chemical Modifications. Nucleic Acid Therapeutics, 2020, 30, 414-421.	2.0	8
676	From PARP1 to TNKS2 Inhibition: A Structure-Based Approach. ACS Medicinal Chemistry Letters, 2020, 11, 862-868.	1.3	8
677	GPBAR1 Activation by C6-Substituted Hyodeoxycholane Analogues Protect against Colitis. ACS Medicinal Chemistry Letters, 2020, 11, 818-824.	1.3	8
678	Novel Peptide-Based PET Probe for Non-invasive Imaging of C-X-C Chemokine Receptor Type 4 (CXCR4) in Tumors. Journal of Medicinal Chemistry, 2021, 64, 3449-3461.	2.9	8
679	Quinolinonyl Non-Diketo Acid Derivatives as Inhibitors of HIV-1 Ribonuclease H and Polymerase Functions of Reverse Transcriptase. Journal of Medicinal Chemistry, 2021, 64, 8579-8598.	2.9	8
680	HCV-targeted Antivirals: Current Status and Future Challenges. Current Pharmaceutical Design, 2014, 20, 3445-3464.	0.9	8
681	Further caulerpenyne-like esters from the green algaCaulerpa prolifera. Experientia, 1983, 39, 141-143.	1.2	7
682	Synthesis and antimicrobial activities of 5-amidobenzotriazole derivatives. European Journal of Medicinal Chemistry, 1990, 25, 343-350.	2.6	7
683	Synthesis and structure-activity relationships of antiinflammatory 1-methyl-2-(4-X-benzoyl)imidazole-5-acetic acids. European Journal of Medicinal Chemistry, 1994, 29, 381-388.	2.6	7
684	Geometrically Constrained Analogues of N-Benzylindolylglyoxylylamides: [1, 2, 4]Triazino[4, 3-a]benzimidazol-4(10H)-one Derivatives as Potential New Ligands at the Benzodiazepine Receptor. Archiv Der Pharmazie, 2003, 336, 413-421.	2.1	7

#	Article	IF	Citations
685	Synthesis, Pharmacological Evaluation, and Molecular Modeling Studies of Novel Peptidic CAAX Analogues as Farnesyl-Protein-Transferase Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 1882-1890.	2.9	7
686	Synthesis and biological evaluation of new N-alkyl 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides as cannabinoid receptor ligands. European Journal of Medicinal Chemistry, 2010, 45, 5878-5886.	2.6	7
687	Synthesis and Pharmacological Evaluation of Analogs of Indoleâ€Based Cannabimimetic Agents. Chemical Biology and Drug Design, 2010, 75, 106-114.	1.5	7
688	Antifungal peptides at membrane interaction. European Journal of Medicinal Chemistry, 2012, 51, 154-162.	2.6	7
689	Role of Lipoylation of the Immunodominant Epitope of Pyruvate Dehydrogenase Complex: Toward a Peptide-Based Diagnostic Assay for Primary Biliary Cirrhosis. Journal of Medicinal Chemistry, 2015, 58, 6619-6629.	2.9	7
690	How are thermodynamically stable G-quadruplexâ€“duplex hybrids?. Journal of Thermal Analysis and Calorimetry, 2015, 121, 1121-1127.	2.0	7
691	4-amino-6-alkyloxy-2-alkylthiopyrimidine derivatives as novel non-nucleoside agonists for the adenosine A1receptor. Chemical Biology and Drug Design, 2016, 88, 724-729.	1.5	7
692	Preparation of Constrained Unnatural Aromatic Amino Acidsvia Unsaturated Diketopiperazine Intermediate. Journal of Heterocyclic Chemistry, 2016, 53, 2106-2110.	1.4	7
693	An efficient synthesis of 1-arylindazole-3-carboxamides using nitrile imines, isocyanides and 2-hydroxymethylbenzoic acid, followed by a chemoselective Buchwaldâ€“Hartwig intramolecular cyclization. RSC Advances, 2016, 6, 34913-34920.	1.7	7
694	Rapid Screening of Antioxidant Anthocyanins in Autochthonous Nero dâ€™Avola Grape Clones by Pre-column DPPH Reaction Coupled to UHPLC-UV/Vis-IT-TOF: a Strategy to Combine Chemical data and Genetic Diversity. Food Analytical Methods, 2016, 9, 2780-2790.	1.3	7
695	Use of Integrated Computational Approaches in the Search for New Therapeutic Agents. Molecular Informatics, 2016, 35, 309-325.	1.4	7
696	A Successful Replacement of Phenols with Isocyanides in the Bargellini Reaction: Synthesis of 3-Carboxamido-Isobutyric Acids. Journal of Organic Chemistry, 2016, 81, 11467-11471.	1.7	7
697	Design, synthesis and biological profile of mixed opioid agonist/N-VGCC blocker peptides. New Journal of Chemistry, 2018, 42, 5656-5659.	1.4	7
698	New insights in the structure-activity relationships of 2-phenylamino-substituted benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors. European Journal of Medicinal Chemistry, 2018, 150, 446-456.	2.6	7
699	Î±-Amino Acids as Synthons in the Ugi-5-Centers-4-Components Reaction: Chemistry and Applications. Symmetry, 2019, 11, 798.	1.1	7
700	Antioxidant Properties of Four Commonly Consumed Popular Italian Dishes. Molecules, 2019, 24, 1543.	1.7	7
701	Cardioprotective Effects of TaurisoloÂ® in Cardiomyoblast H9c2 Cells under High-Glucose and Trimethylamine N-Oxide Treatment via De Novo Sphingolipid Synthesis. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	7
702	Vitex agnus-castus L.: Main Features and Nutraceutical Perspectives. Forests, 2020, 11, 761.	0.9	7

#	Article	IF	Citations
703	Harnessing interrupted Fischer in continuous flow: sustainable synthesis of (spiro)indolenine and (spiro)indoline privileged scaffolds. Reaction Chemistry and Engineering, 2020, 5, 2091-2100.	1.9	7
704	NMR Assignment of N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide Seized as Herbal Incense for the First Time in Italy. Journal of Forensic Science & Criminology, 2014, 1, .	0.0	7
705	From Protein Communication to Drug Discovery. Current Topics in Medicinal Chemistry, 2015, 15, 2019-2031.	1.0	7
706	Molecular signaling involving intrinsically disordered proteins in prostate cancer. Asian Journal of Andrology, 2016, 18, 673.	0.8	7
707	Sterols of four Mediterranean hydroids. Biochemical Systematics and Ecology, 1985, 13, 167-168.	0.6	6
708	Synthesis and antiinflammatoryâ€”analgesic profile of 1-methyl-2-(4-X-benzoyl) imidazole-5-carboxylic acids. European Journal of Medicinal Chemistry, 1995, 30, 315-320.	2.6	6
709	Synthesis of conformationally constrained Î²-turn thiazolidine mimetic. Tetrahedron Letters, 2002, 43, 1197-1199.	0.7	6
710	Inherent desensitisation-preventing properties of a novel, subtype-selective AMPA receptor agonist, (S)-CPW 399, as a possible explanation for its excitotoxic action in cultured cerebellar granule cells. Neurochemistry International, 2003, 42, 499-510.	1.9	6
711	Novel route in the synthesis of Ï^[CH2NH] amide bond surrogate. Tetrahedron Letters, 2008, 49, 731-734.	0.7	6
712	A Practical Synthesis of 5-Aroyl-1-aryltetrazoles Using an Ugi-Like 4-Component Reaction Followed by a Biomimetic Transamination. Synthesis, 2010, 2010, 4107-4118.	1.2	6
713	Native PAGE to study the interaction between the oncosuppressor p53 and its protein ligands. Electrophoresis, 2015, 36, 552-555.	1.3	6
714	Cyclotides: a natural combinatorial peptide library or a bioactive sequence player?. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 575-580.	2.5	6
715	Siteâ€directed Mutagenesis of Key Residues Unveiled a Novel Allosteric Site on Human Adenosine Kinase for Pyrrolobenzoxa(thia)zepinone Nonâ€Nucleoside Inhibitors. Chemical Biology and Drug Design, 2016, 87, 112-120.	1.5	6
716	Structure- and conformation-activity studies of nociceptin/orphanin FQ receptor dimeric ligands. Scientific Reports, 2017, 7, 45817.	1.6	6
717	A fast route for the synthesis of tetrazolyl oximes by a novel multicomponent reaction between Z-chlorooximes, isocyanides and trimethylsilyl azide. Tetrahedron Letters, 2017, 58, 3549-3553.	0.7	6
718	Studies on enantioselectivity of chiral 4-acetylamino-6-alkyloxy-2-alkylthiopyrimidines acting as antagonists of the human A₃ adenosine receptor. MedChemComm, 2018, 9, 81-86.	3.5	6
719	In vitro effects of protein fractions from Controne beans (Phaseolus vulgaris L. ecotype Controne) on intestinal permeability, ACE and Î±-amylase activities. European Food Research and Technology, 2019, 245, 2311-2322.	1.6	6
720	Benzylamides and piperazinoarylamides of ibuprofen as fatty acid amide hydrolase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 562-576.	2.5	6

#	Article	IF	Citations
721	Synthesis of new pyrido[4,3- g and 3,4- g]quinoline-9,10-dione and dihydrothieno[2,3- g and 3,2-g]quinoline-4,9-dione derivatives and preliminary evaluation of cytotoxic activity. Arkivoc, 2004, 2004, 85-96.	0.3	6
722	Synthesis of 3-phenyl-2H-1,4-benzoxazin-2-one. Revision of some structural assignments. Journal of Heterocyclic Chemistry, 1977, 14, 773-775.	1.4	5
723	Use of the Hydrophobic Substituent Constant in a Comparative Molecular Field Analysis (CoMFA) on a Set of Anilides Inhibiting the Hill Reaction. SAR and QSAR in Environmental Research, 1993, 1, 301-334.	1.0	5
724	GÎ±s proteinC-terminal Î±-helix at the interface: does the plasma membrane play a critical role in the GÎ±s protein functionality?. Journal of Peptide Science, 2005, 11, 617-626.	0.8	5
725	From the Pharmacophore to the Homology Model of the Benzodiazepine Receptor: The Indolyglyoxylamides Affair. Current Topics in Medicinal Chemistry, 2012, 12, 321-332.	1.0	5
726	Synthesis and Gene Silencing Properties of siRNAs Containing Terminal Amide Linkages. BioMed Research International, 2014, 2014, 1-15.	0.9	5
727	Development of a practical and scalable route for the preparation of the deacetoxytubuvaline (dTuv) fragment of pretubulysin and analogs. Tetrahedron Letters, 2016, 57, 920-923.	0.7	5
728	Structureâ€“Activity Relationship Studies, SPR Affinity Characterization, and Conformational Analysis of Peptides That Mimic the HNKâ€1 Carbohydrate Epitope. ChemMedChem, 2017, 12, 751-759.	1.6	5
729	LÃ¶sung des Problems mangelnder oraler VerfÃ¼gbarkeit cyclischer Hexapeptide: Entwicklung eines selektiven, oral verfÃ¼gbaren Liganden fÃ¼r das Integrinâ€…Î±vÎ²3. Angewandte Chemie, 2017, 129, 16624-16629.	1.6	5
730	A Jocic-type approach for a practical and scalable synthesis of pyrrolonaphthoxazepine (PNOX)-based potent proapoptotic agents. Tetrahedron Letters, 2018, 59, 4466-4470.	0.7	5
731	Online comprehensive hydrophilic interaction chromatography Ã— reversed phase liquid chromatography coupled to mass spectrometry for in depth peptidomic profile of microalgae gastro-intestinal digests. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112783.	1.4	5
732	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: in Vivo and in Vitro Biological Profile. ACS Medicinal Chemistry Letters, 2019, 10, 450-456.	1.3	5
733	Effect of Annurca Apple Polyphenols on Intermittent Claudication in Patients With Peripheral Artery Disease. American Journal of Cardiology, 2019, 123, 847-853.	0.7	5
734	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	2.6	5
735	HOPPI-NMR: Hot-Peptide-Based Screening Assay for Inhibitors of Proteinâ€“Protein Interactions by NMR. ACS Medicinal Chemistry Letters, 2020, 11, 1047-1053.	1.3	5
736	Combined HAT/EZH2 modulation leads to cancer-selective cell death. Oncotarget, 2018, 9, 25630-25646.	0.8	5
737	A new therapeutic approach to erectile dysfunction: urotensin-II receptor high affinity agonist ligands. Asian Journal of Andrology, 2015, 17, 81.	0.8	5
738	Quantitative structure-activity relationships in a set of thiazolidin-4-ones acting as H1-histamine antagonists. Journal of Receptor and Signal Transduction Research, 1995, 15, 631-641.	1.3	4

#	Article	IF	Citations
739	Design and Synthesis of Small Libraries of Peptidomimetics Based on a Thiazolidine Moiety. Letters in Organic Chemistry, 2006, 3, 539-545.	0.2	4
740	Enantioselective binding of second generation pyrrolobenzoxazepinones to the catalytic ternary complex of HIV-1 RT wild-type and L100I and K103N drug resistant mutants. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3935-3938.	1.0	4
741	An antibodyâ€free strategy for screening putative HDM2 inhibitors using crude bacterial lysates expressing GSTâ€HDM2 recombinant protein. Drug Testing and Analysis, 2013, 5, 596-601.	1.6	4
742	Nondenaturing polyacrylamide gel electrophoresis to study the dissociation of the p53Â·MDM2/X complex by potentially anticancer compounds. Electrophoresis, 2015, 36, 3101-3104.	1.3	4
743	Synthesis of dicarba-cyclooctapeptide Somatostatin analogs by conventional and MW-assisted RCM: A study about the impact of the configuration at C Î± of selected amino acids. Chemical Engineering and Processing: Process Intensification, 2017, 122, 365-372.	1.8	4
744	DOTA-Derivatives of Octreotide Dicarba-Analogs with High Affinity for Somatostatin sst2,5 Receptors. Frontiers in Chemistry, 2017, 5, 8.	1.8	4
745	Properly Substituted Cyclic Bis-(2-bromobenzylidene) Compounds Behaved as Dual p300/CARM1 Inhibitors and Induced Apoptosis in Cancer Cells. Molecules, 2020, 25, 3122.	1.7	4
746	Breast Tumor Cell Invasion and Pro-Invasive Activity of Cancer-Associated Fibroblasts Co-Targeted by Novel Urokinase-Derived Decapeptides. Cancers, 2020, 12, 2404.	1.7	4
747	Promelanogenic Effects by an Annurca Apple-Based Natural Formulation in Human Primary Melanocytes. Clinical, Cosmetic and Investigational Dermatology, 2021, Volume 14, 291-301.	0.8	4
748	Lipidated peptides derived from intracellular loops 2 and 3 of the urotensin II receptor act as biased allosteric ligands. Journal of Biological Chemistry, 2021, 297, 101057.	1.6	4
749	In vitro Bioaccessibility, Bioavailability, and Plasma Protein Interaction of New Oral Anticoagulants in the Presence of Macronutrients. Current Pharmaceutical Biotechnology, 2019, 19, 982-989.	0.9	4
750	Synthetic Strategies for Aspartic and Glutamic Acid-Proline Chimeras: A Review. Mini-Reviews in Organic Chemistry, 2015, 12, 216-236.	0.6	4
751	Unusual reaction of a substituted benzothiazoline with sulphuryl chloride: formation of a 2,2â€²-(ethane-1,2-diylidene)bis-1,4-benzothiazine dye. Journal of the Chemical Society Chemical Communications, 1977, , 863-864.	2.0	3
752	Chemical behaviour of 1,4-benzoxazine. Journal of Heterocyclic Chemistry, 1980, 17, 775-776.	1.4	3
753	Biomimetic Synthesis of 5,6-Dihydroxyindole-2-Carboxylic Acid and of its Benzyl Ester. Synthetic Communications, 1987, 17, 1815-1821.	1.1	3
754	New results on the reactivity of 5,6â€diaminoâ€4â€hydroxyâ€2â€mercaptopyrimidine. Journal of Heterocyclic Chemistry, 2004, 41, 883-886.	1.4	3
755	Preliminary Finding on a New Calcium Channel Entry Blocker Chemotype: 5,6-Diamino-4-hydroxy-2-mercaptopyrimidine Derivatives. Journal of Medicinal Chemistry, 2011, 54, 5597-5601.	2.9	3
756	Structureâ€“Activity Study of the Peptides P5U and Urantide by the Development of Analogues Containing Uncoded Amino Acids at Positionâ€…9. ChemMedChem, 2016, 11, 1856-1864.	1.6	3

#	Article	IF	Citations
757	Von einer Helix zu einem kleinen Ring: Metadynamikâ€inspirierte, selektive Liganden fÃ¼r Î±vÎ²6â€Integrin. Angewandte Chemie, 2018, 130, 14856-14860.	1.6	3
758	Discovery of Pyrido[3â€²,2â€²:5,6]thiopyrano[4,3-d]pyrimidine-Based Antiproliferative Multikinase Inhibitors. ACS Medicinal Chemistry Letters, 2019, 10, 457-462.	1.3	3
759	Exploiting the Nucleophilicity of the Nitrogen Atom of Imidazoles: One-Pot Three-Component Synthesis of Imidazo-Pyrazines. Molecules, 2019, 24, 1959.	1.7	3
760	Studies of membranotropic and fusogenic activity of two putative HCV fusion peptides. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 50-61.	1.4	3
761	Cold pressed argan (Argania spinose) oil. , 2020, , 459-465.		3
762	Benzodiazepine Scaffold as Drug-like Molecular Simplification of FR235222: A Chemical Tool for Exploring HDAC Inhibition. Current Topics in Medicinal Chemistry, 2016, 17, 441-459.	1.0	3
763	Reversible formation of cyclic 1,4-benzothiazine oligomers. Journal of Heterocyclic Chemistry, 1987, 24, 1741-1743.	1.4	2
764	Combined Use of Factorial Design and Comparative Molecular Field Analysis (CoMFA): a Case Study. QSAR and Combinatorial Science, 1994, 13, 249-261.	1.4	2
765	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 740-740.	1.6	2
766	Bioactive Compounds for the Management of Hypertriglyceridemia: Evidence From Clinical Trials and Putative Action Targets. Frontiers in Nutrition, 2020, 7, 586178.	1.6	2
767	Synthesis of Quinolindione Derivatives Assisted by Microwave Irradiation. Letters in Organic Chemistry, 2005, 2, 340-342.	0.2	2
768	A regioselective approach toward the synthesis of pharmacologically important quinone-containing heterocyclic systems. Tetrahedron Letters, 2009, 50, 6869-6871.	0.7	1
769	Microwave-Assisted Synthesis of KN-93, a Potent and Selective Inhibitor of CaÂ²+/Calmoduline-Dependent Protein Kinase II. Synthesis, 2010, 2010, 4193-4198.	1.2	1
770	Identification of an acetal derivative of the piperonyl methyl ketone in tablets seized for suspected drug trafficking. Forensic Toxicology, 2014, 32, 311-316.	1.4	1
771	Non-hydrolytic chemoselective cleavage of Ugi tertiary amides: A mild access to N-substituted Î±-amino acid amides. Tetrahedron Letters, 2018, 59, 1196-1199.	0.7	1
772	Synthetic studies toward bicyclic endoperoxides presenting polar side chains. Tetrahedron Letters, 2018, 59, 4330-4333.	0.7	1
773	Design, Synthesis, Biological Activity, and Structural Analysis of Lactamâ€Constrained PTPRJ Agonist Peptides. ChemMedChem, 2018, 13, 1673-1680.	1.6	1
774	Free protein amino acids of some Mediterranean Siphonales. Biochemical Systematics and Ecology, 1984, 12, 19-21.	0.6	0

#	Article	IF	Citations
775	New Î±-(N)-Heterocyclichydrazones: Evaluation of Anticancer, anti-HIV, and Antimicrobial Activity.. ChemInform, 2004, 35, no.	0.1	0
776	Urotensin-II Receptor Peptide Agonists. ChemInform, 2004, 35, no.	0.1	0
777	Thiazolidin-4-one Formation. Mechanistic and Synthetic Aspects of the Reaction of Imines and Mercaptoacetic Acid under Microwave and Conventional Heating.. ChemInform, 2005, 36, no.	0.1	0
778	A New Efficient Synthetic Methodology for Tetrahydroisoquinoline and Tetrahydro-Î²-carboline Derivatives Using the Pictetâ€"Spengler Reaction.. ChemInform, 2005, 36, no.	0.1	0
779	A New Approach to the Synthesis of Policyclic Dipeptide Derivatives as Potential Antitumoral Agents. , 2006, , 353-354.		0
780	New Urotensin-II Analogs Modified at Position 4. , 2006, , 437-438.		0
781	Combinatorial Approach in the Synthesis of a Small Library of Î²-Turn Structures Based on Thiazolidine Moiety. , 2006, , 112-113.		0
782	Efficient Synthesis in Solid-Phase of Freidinger-like Lactams by Microwave Irradiation. , 2006, , 76-77.		0
783	A Round Trip from Medicinal Chemistry to Predictive Toxicology. Methods in Molecular Biology, 2016, 1425, 461-473.	0.4	0
784	Response to Keith et al. Re: â€œAnnurca Apple Nutraceutical Formulation Enhances Keratin Expression in a Human Model of Skin and Promotes Hair Growth and Tropism in a Randomized Clinical Trialâ€. Journal of Medicinal Food, 2019, 22, 1303-1304.	0.8	0
785	Phoenix dactylifera polyphenols improve plasma lipid profile in hyperlipidemic rats and oxidative stress on HepG2 cells. Journal of Herbs, Spices and Medicinal Plants, 2021, 27, 161-176.	0.5	0
786	New Urotensin-II Analogs with a Constrained Trp-7 Side Chain. , 2006, , 439-440.		0