Ettore Novellino

List of Publications by Year
in descending order

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786 papers	28,027 citations	10986 71 h-index	27406 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.	4.1	639
2	Polyphenols: A concise overview on the chemistry, occurrence, and human health. Phytotherapy Research, 2019, 33, 2221-2243.	5.8	493
3	Topological Characterization of Nucleic Acid Gâ€Quadruplexes by UV Absorption and Circular Dichroism. Angewandte Chemie - International Edition, 2011, 50, 10645-10648.	13.8	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.	38.1	327
5	Nutraceuticals: opening the debate for a regulatory framework. British Journal of Clinical Pharmacology, 2018, 84, 659-672.	2.4	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.	14.5	221
7	Nutraceuticals: A paradigm of proactive medicine. European Journal of Pharmaceutical Sciences, 2017, 96, 53-61.	4.0	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.	7.1	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.	6.4	177
10	Nutraceutical potential and antioxidant benefits of red pitaya (Hylocereus polyrhizus) extracts. Journal of Functional Foods, 2012, 4, 129-136.	3.4	170
11	From pharmaceuticals to nutraceuticals: bridging disease prevention and management. Expert Review of Clinical Pharmacology, 2019, 12, 1-7.	3.1	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.	6.4	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.	6.4	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.	6.4	157
15	New Î±-(N)-heterocyclichydrazones: evaluation of anticancer, anti-HIV and antimicrobial activity. European Journal of Medicinal Chemistry, 2004, 39, 113-122.	5.5	149
16	Nutraceuticals - shedding light on the grey area between pharmaceuticals and food. Expert Review of Clinical Pharmacology, 2018, 11, 545-547.	3.1	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.	6.4	137
18	The Gâ€Triplex DNA. Angewandte Chemie - International Edition, 2013, 52, 2269-2273.	13.8	133

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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.	6.4	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.	6.4	130
21	Non-Nucleoside HIV-1 Reverse Transcriptase (RT) Inhibitors: Past, Present, and Future Perspectives. Current Pharmaceutical Design, 2002, 8, 615-657.	1.9	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.	6.4	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.	6.4	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.	13.7	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.	3.4	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.	7.1	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.	13.7	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.	6.4	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.	6.4	109
31	A decade of nutraceutical patents: where are we now in 2018?. Expert Opinion on Therapeutic Patents, 2018, 28, 875-882.	5.0	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.	6.4	107
33	Insights into the Mechanism of Partial Agonism. Journal of Biological Chemistry, 2007, 282, 17314-17324.	3.4	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.	6.4	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.	6.4	103
36	[4Fe-4S] Cluster Assembly in Mitochondria and Its Impairment by Copper. Journal of the American Chemical Society, 2017, 139, 719-730.	13.7	103

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37	Simulated gastrointestinal digestion, intestinal permeation and plasma protein interaction of white, green, and black tea polyphenols. Food Chemistry, 2015, 169, 320-326.	8.2	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.	7.1	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.	6.4	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.	6.4	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.	5.5	94
42	Constrained Analogues of Procaine as Novel Small Molecule Inhibitors of DNA Methyltransferase-1. Journal of Medicinal Chemistry, 2008, 51, 2321-2325.	6.4	93
43	Urantide: an ultrapotent urotensin II antagonist peptide in the rat aorta. British Journal of Pharmacology, 2003, 140, 1155-1158.	5.4	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.	7.1	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.	6.4	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.	6.4	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.	6.4	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.	6.4	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.	6.4	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.	13.7	86
51	Nutraceuticals in hypercholesterolaemia: an overview. British Journal of Pharmacology, 2017, 174, 1450-1463.	5.4	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.	5.6	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.	6.4	84
54	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. Carbohydrate Polymers, 2017, 156, 364-371.	10.2	83

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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.	6.4	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.	8.2	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.	6.4	80
58	A Different Molecular Mechanism Underlying Antimicrobial and Hemolytic Actions of Temporins A and L. Journal of Medicinal Chemistry, 2008, 51, 2354-2362.	6.4	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.	6.4	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.	6.4	79
61	Mechanistic insight into ligand binding to G-quadruplex DNA. Nucleic Acids Research, 2014, 42, 5447-5455.	14.5	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.	13.7	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.	4.1	78
64	Abelmoschus esculentus (L.): Bioactive Componentsâ€™ Beneficial Propertiesâ€”Focused on Antidiabetic Roleâ€”For Sustainable Health Applications. Molecules, 2019, 24, 38.	3.8	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.	6.4	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.	3.3	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.	3.6	77
68	Dietary Lignans: Definition, Description and Research Trends in Databases Development. Molecules, 2018, 23, 3251.	3.8	77
69	Conformational Control of Integrinâ€Subtype Selectivity in isoDGR Peptide Motifs: A Biological Switch. Angewandte Chemie - International Edition, 2010, 49, 9278-9281.	13.8	76
70	Structureâ€'Activity Relationship, Conformational and Biological Studies of Temporin L Analogues. Journal of Medicinal Chemistry, 2011, 54, 1298-1307.	6.4	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.	6.4	75
72	Nanopharmaceutics: Part Iâ€”Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. Pharmaceutics, 2020, 12, 146.	4.5	75

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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.	6.4	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.	3.5	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.	6.4	73
76	To Nutraceuticals and Back: Rethinking a Concept. Foods, 2017, 6, 74.	4.3	73
77	CDC25 Phosphatase Inhibitors: An Update. Mini-Reviews in Medicinal Chemistry, 2012, 12, 62-73.	2.4	72
78	Resveratrol as a Novel Anti-Herpes Simplex Virus Nutraceutical Agent: An Overview. Viruses, 2018, 10, 473.	3.3	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.	2.5	71
80	G-triplex structure and formation propensity. Nucleic Acids Research, 2014, 42, 13393-13404.	14.5	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.	6.4	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.	6.4	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.	8.2	70
84	REACH and in silico methods: an attractive opportunity for medicinal chemists. Drug Discovery Today, 2014, 19, 1757-1768.	6.4	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.	6.4	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.	6.4	69
87	May Polyphenols Have a Role Against Coronavirus Infection? An Overview of in vitro Evidence. Frontiers in Medicine, 2020, 7, 240.	2.6	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.	3.4	68
89	Nutraceuticals: Beyond the Diet Before the Drugs. Current Bioactive Compounds, 2014, 10, 1-12.	0.5	68
90	Rational Improvement of the Affinity and Selectivity of Integrin Binding of Grafted Lasso Peptides. Journal of Medicinal Chemistry, 2014, 57, 5829-5834.	6.4	68

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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.	3.6	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.	4.1	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.	6.4	67
94	Human Glioblastoma Multiforme: p53 Reactivation by a Novel MDM2 Inhibitor. PLoS ONE, 2013, 8, e72281.	2.5	67
95	STAT-3 Inhibitors: State of the Art and New Horizons for Cancer Treatment. Current Medicinal Chemistry, 2011, 18, 2359-2375.	2.4	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.	13.7	66
97	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. Oncotarget, 2016, 7, 20636-20654.	1.8	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.	6.4	65
99	Cinnamoyl Compounds as Simple Molecules that Inhibit p300 Histone Acetyltransferase. Journal of Medicinal Chemistry, 2007, 50, 1973-1977.	6.4	65
100	Imidazo[2,1-b]thiazole System: A Scaffold Endowing Dihydropyridines with Selective Cardiodepressant Activity. Journal of Medicinal Chemistry, 2008, 51, 1592-1600.	6.4	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.	6.4	65
102	An Updated Overview on Nanonutraceuticals: Focus on Nanoprebiotics and Nanoprobiotics. International Journal of Molecular Sciences, 2020, 21, 2285.	4.1	65
103	Modeling of Cdc25B Dual Specifity Protein Phosphatase Inhibitors: Docking of Ligands and Enzymatic Inhibition Mechanism. ChemMedChem, 2006, 1, 540-550.	3.2	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.	3.2	64
105	Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527.	14.5	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.	2.8	63
108	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. Current Research in Biotechnology, 2020, 2, 53-63.	3.7	63

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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.	2.2	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.	6.4	62
111	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	3.3	62
112	Inhibitors of Cdc25 phosphatases as anticancer agents: a patent review. Expert Opinion on Therapeutic Patents, 2010, 20, 405-425.	5.0	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.	6.4	60
114	New Insight into the Mechanism of Action of the Temporin Antimicrobial Peptides. Biochemistry, 2010, 49, 1477-1485.	2.5	60
115	Design, Synthesis and Biological Evaluation of Carboxy Analogues of Arginine Methyltransferase Inhibitorâ€…1 (AMIâ€1). ChemMedChem, 2010, 5, 398-414.	3.2	60
116	Online Comprehensive RPLC Ã— RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. Analytical Chemistry, 2011, 83, 2485-2491.	6.5	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.	3.4	60
118	Stable Peptides Instead of Stapled Peptides: Highly Potent Î±vÎ²6â€Selective Integrin Ligands. Angewandte Chemie - International Edition, 2016, 55, 1535-1539.	13.8	59
119	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. Oncotarget, 2017, 8, 77110-77120.	1.8	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.	6.4	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.	3.3	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.	6.4	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.	13.7	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.	6.4	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.	6.4	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.	6.4	56

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127	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. Journal of Functional Foods, 2018, 47, 562-574.	3.4	56
128	Human Integrin Î±vÎ²5:Â Homology Modeling and Ligand Binding. Journal of Medicinal Chemistry, 2004, 47, 4166-4177.	6.4	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.	6.4	55
130	Combining 4-Aminoquinoline- and Clotrimazole-Based Pharmacophores toward Innovative and Potent Hybrid Antimalarials. Journal of Medicinal Chemistry, 2009, 52, 502-513.	6.4	55
131	Nanopharmaceutics: Part IIâ€"Production Scales and Clinically Compliant Production Methods. Nanomaterials, 2020, 10, 455.	4.1	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.	6.4	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.	6.4	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.	6.4	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.	6.4	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.	3.0	54
137	Increasing Î±vÎ²3 Selectivity of the Antiâ€Angiogenic Drug Cilengitide by Nâ€Methylation. Angewandte Chemie - International Edition, 2011, 50, 9496-9500.	13.8	54
138	Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid CB1 Receptor. Journal of Medicinal Chemistry, 2012, 55, 5627-5631.	6.4	54
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