Ettore Novellino

List of Publications by Citations

781 papers	22,320 citations	64 h-index	93 g-index
812 ext. papers	25,339 ext. citations	6 avg, IF	6.85 L-index

#	Paper	IF	Citations
781	The Therapeutic Potential of Apigenin. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	305
780	Topological characterization of nucleic acid G-quadruplexes by UV absorption and circular dichroism. *Angewandte Chemie - International Edition*, **2011**, 50, 10645-8	16.4	290
779	Polyphenols: A concise overview on the chemistry, occurrence, and human health. *Phytotherapy Research*, **2019**, 33, 2221-2243	6.7	258
778	To each his own: isonitriles for all flavors. Functionalized isocyanides as valuable tools in organic synthesis. *Chemical Society Reviews*, **2017**, 46, 1295-1357	58.5	226
777	Nutraceuticals: opening the debate for a regulatory framework. *British Journal of Clinical Pharmacology*, **2018**, 84, 659-672	3.8	188
776	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, 8119-28	20.1	188
775	Nutraceuticals: A paradigm of proactive medicine. *European Journal of Pharmaceutical Sciences*, **2017**, 96, 53-61	5.1	172
774	Molecular basis of cyclooxygenase enzymes (COXs) selective inhibition. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5411-6	11.5	161
773	Arylthioindole inhibitors of tubulin polymerization. 3. Biological evaluation, structure-activity relationships and molecular modeling studies. *Journal of Medicinal Chemistry*, **2007**, 50, 2865-74	8.3	157
772	Geometrically and conformationally restrained cinnamoyl compounds as inhibitors of HIV-1 integrase: synthesis, biological evaluation, and molecular modeling. *Journal of Medicinal Chemistry*, **1998**, 41, 3948-60	8.3	149
771	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	8.3	147
770	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, 3172-84	8.3	135
769	New alpha-(N)-heterocyclichydrazones: evaluation of anticancer, anti-HIV and antimicrobial activity. *European Journal of Medicinal Chemistry*, **2004**, 39, 113-22	6.8	135
768	From pharmaceuticals to nutraceuticals: bridging disease prevention and management. *Expert Review of Clinical Pharmacology*, **2019**, 12, 1-7	3.8	130
767	Nutraceutical potential and antioxidant benefits of red pitaya (Hylocereus polyrhizus) extracts. *Journal of Functional Foods*, **2012**, 4, 129-136	5.1	127
766	Non-nucleoside HIV-1 reverse transcriptase (RT) inhibitors: past, present, and future perspectives. *Current Pharmaceutical Design*, **2002**, 8, 615-57	3.3	116
765	Nutraceuticals - shedding light on the grey area between pharmaceuticals and food. *Expert Review of Clinical Pharmacology*, **2018**, 11, 545-547	3.8	113

764	The G-triplex DNA. *Angewandte Chemie - International Edition*, **2013**, 52, 2269-73	16.4	113
763	Indolylarylsulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors: new cyclic substituents at indole-2-carboxamide. *Journal of Medicinal Chemistry*, **2011**, 54, 1587-98	8.3	112
762	Structure-based design, synthesis, and biological evaluation of novel pyrrolyl aryl sulfones: HIV-1 non-nucleoside reverse transcriptase inhibitors active at nanomolar concentrations. *Journal of Medicinal Chemistry*, **2000**, 43, 1886-91	8.3	112
761	Docking studies on alphavbeta3 integrin ligands: pharmacophore refinement and implications for drug design. *Journal of Medicinal Chemistry*, **2003**, 46, 4393-404	8.3	111
760	Toward a quantitative comparative toxicology of organic compounds. *CRC Critical Reviews in Toxicology*, **1989**, 19, 185-226		110
759	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, 4917-27	8.3	108
758	New pyrrole inhibitors of monoamine oxidase: synthesis, biological evaluation, and structural determinants of MAO-A and MAO-B selectivity. *Journal of Medicinal Chemistry*, **2007**, 50, 922-31	8.3	106
757	Structural and conformational requisites in DNA quadruplex groove binding: another piece to the puzzle. *Journal of the American Chemical Society*, **2010**, 132, 6425-33	16.4	102
756	5-Alkyl-2-(alkylthio)-6-(2,6-dihalophenylmethyl)-3, 4-dihydropyrimidin-4(3H)-ones: novel potent and selective dihydro-alkoxy-benzyl-oxopyrimidine derivatives. *Journal of Medicinal Chemistry*, **1999**, 42, 619-27	8.3	102
755	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, 10273-8	11.5	98
754	Pan-histone demethylase inhibitors simultaneously targeting Jumonji C and lysine-specific demethylases display high anticancer activities. *Journal of Medicinal Chemistry*, **2014**, 57, 42-55	8.3	94
753	Insights into the mechanism of partial agonism: crystal structures of the peroxisome proliferator-activated receptor gamma ligand-binding domain in the complex with two enantiomeric ligands. *Journal of Biological Chemistry*, **2007**, 282, 17314-24	5.4	93
752	Formation of [4Fe-4S] clusters in the mitochondrial iron-sulfur cluster assembly machinery. *Journal of the American Chemical Society*, **2014**, 136, 16240-50	16.4	92
751	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, 123-49	8.3	91
750	Pyrroloquinoxaline derivatives as high-affinity and selective 5-HT(3) receptor agonists: synthesis, further structure-activity relationships, and biological studies. *Journal of Medicinal Chemistry*, **1999**, 42, 4362-79	8.3	91
749	A decade of nutraceutical patents: where are we now in 2018?. *Expert Opinion on Therapeutic Patents*, **2018**, 28, 875-882	6.8	89
748	Synthesis and pharmacological evaluation of potent and highly selective D3 receptor ligands: inhibition of cocaine-seeking behavior and the role of dopamine D3/D2 receptors. *Journal of Medicinal Chemistry*, **2003**, 46, 3822-39	8.3	88
747	Sampling protein motion and solvent effect during ligand binding. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 1467-72	11.5	86

746	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	5.1	85
745	Characterizing the 1,4-dihydropyridines binding interactions in the L-type Ca2+ channel: model construction and docking calculations. *Journal of Medicinal Chemistry*, **2007**, 50, 1504-13	8.3	85
744	Selective non-nucleoside inhibitors of human DNA methyltransferases active in cancer including in cancer stem cells. *Journal of Medicinal Chemistry*, **2014**, 57, 701-13	8.3	84
743	Constrained analogues of procaine as novel small molecule inhibitors of DNA methyltransferase-1. *Journal of Medicinal Chemistry*, **2008**, 51, 2321-5	8.3	84
742	Urantide: an ultrapotent urotensin II antagonist peptide in the rat aorta. *British Journal of Pharmacology*, **2003**, 140, 1155-8	8.6	84
741	Synthesis, biological activity, and SARs of pyrrolobenzoxazepine derivatives, a new class of specific "peripheral-type" benzodiazepine receptor ligands. *Journal of Medicinal Chemistry*, **1996**, 39, 3435-50	8.3	84
740	A new, potent urotensin II receptor peptide agonist containing a Pen residue at the disulfide bridge. *Journal of Medicinal Chemistry*, **2002**, 45, 4391-4	8.3	82
739	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, 16336-7	16.4	81
738	Simulated gastrointestinal digestion, intestinal permeation and plasma protein interaction of white, green, and black tea polyphenols. *Food Chemistry*, **2015**, 169, 320-6	8.5	80
737	Crystal structure of the peroxisome proliferator-activated receptor gamma (PPARgamma) 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, 7768-76	8.3	80
736	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, 2797-806	6.8	76
735	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, 2544-54	8.3	76
734	Novel bifunctional quinolonyl diketo acid derivatives as HIV-1 integrase inhibitors: design, synthesis, biological activities, and mechanism of action. *Journal of Medicinal Chemistry*, **2006**, 49, 1939-45	8.3	75
733	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, 305-15	8.3	75
732	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	11.5	74
731	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, 151-69	8.3	71
730	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, 7512-27	8.3	70
729	Conformational control of integrin-subtype selectivity in isoDGR peptide motifs: a biological switch. *Angewandte Chemie - International Edition*, **2010**, 49, 9278-81	16.4	70

728	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, 5798-806	8.3	70
727	Ligand binding analysis for human alpha5beta1 integrin: strategies for designing new alpha5beta1 integrin antagonists. *Journal of Medicinal Chemistry*, **2005**, 48, 4204-7	8.3	70
726	[4Fe-4S] Cluster Assembly in Mitochondria and Its Impairment by Copper. *Journal of the American Chemical Society*, **2017**, 139, 719-730	16.4	69
725	State of the art of Ready-to-Use Therapeutic Food: a tool for nutraceuticals addition to foodstuff. *Food Chemistry*, **2013**, 140, 843-9	8.5	69
724	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, 1852-5	8.3	69
723	Antitumor agents. 3. Design, synthesis, and biological evaluation of new pyridoisoquinolindione and dihydrothienoquinolindione derivatives with potent cytotoxic activity. *Journal of Medicinal Chemistry*, **2004**, 47, 849-58	8.3	67
722	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. *Scientific Reports*, **2015**, 5, 9956	4.9	66
721	Nutraceuticals in hypercholesterolaemia: an overview. *British Journal of Pharmacology*, **2017**, 174, 1450-1463	8.6	65
720	Mechanistic insight into ligand binding to G-quadruplex DNA. *Nucleic Acids Research*, **2014**, 42, 5447-55	20.1	65
719	Identification of the spiro(oxindole-3,3'-thiazolidine)-based derivatives as potential p53 activity modulators. *Journal of Medicinal Chemistry*, **2010**, 53, 8319-29	8.3	65
718	A different molecular mechanism underlying antimicrobial and hemolytic actions of temporins A and L. *Journal of Medicinal Chemistry*, **2008**, 51, 2354-62	8.3	65
717	Topological Characterization of Nucleic Acid G-Quadruplexes by UV Absorption and Circular Dichroism. *Angewandte Chemie*, **2011**, 123, 10833-10836	3.6	64
716	CDC25 phosphatase inhibitors: an update. *Mini-Reviews in Medicinal Chemistry*, **2012**, 12, 62-73	3.2	64
715	Design, synthesis, and biological evaluation of novel aminobisphosphonates possessing an in vivo antitumor activity through a gammadelta-T lymphocytes-mediated activation mechanism. *Journal of Medicinal Chemistry*, **2008**, 51, 6800-7	8.3	64
714	Design, synthesis, and structure-activity relationship studies of 4-quinolinyl- and 9-acrydinylhydrazones as potent antimalarial agents. *Journal of Medicinal Chemistry*, **2008**, 51, 1333-43	8.3	64
713	Specific targeting of hepatitis C virus NS3 RNA helicase. Discovery of the potent and selective competitive nucleotide-mimicking inhibitor QU663. *Biochemistry*, **2005**, 44, 9637-44	3.2	62
712	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 inhibitors. *Journal of Medicinal Chemistry*, **2005**, 48, 1919-29	8.3	62
711	Biselectivity of isoDGR peptides for fibronectin binding integrin subtypes 51 and 6: conformational control through flanking amino acids. *Journal of Medicinal Chemistry*, **2013**, 56, 1509-19	8.3	61

710	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, 1560-76	8.3	61
709	Co-polymerization of dopa and cysteinyldopa in melanogenesis in vitro. *Experientia*, **1980**, 36, 822-3		61
708	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, 453-63	16.4	60
707	Cinnamoyl compounds as simple molecules that inhibit p300 histone acetyltransferase. *Journal of Medicinal Chemistry*, **2007**, 50, 1973-7	8.3	60
706	Reduced Frizzled Receptor 4 Expression Prevents WNT/Catenin-driven Alveolar Lung Repair in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 172-185	10.2	59
705	Synthesis, in vitro, and in cell studies of a new series of [indoline-3,2'-thiazolidine]-based p53 modulators. *Journal of Medicinal Chemistry*, **2013**, 56, 5407-21	8.3	59
704	Structure-activity relationship, conformational and biological studies of temporin L analogues. *Journal of Medicinal Chemistry*, **2011**, 54, 1298-307	8.3	59
703	STAT-3 inhibitors: state of the art and new horizons for cancer treatment. *Current Medicinal Chemistry*, **2011**, 18, 2359-75	4.3	59
702	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, 8394-406	8.3	58
701	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. *Food and Chemical Toxicology*, **2017**, 107, 554-564	4.7	57
700	New pyrrole derivatives with potent tubulin polymerization inhibiting activity as anticancer agents including hedgehog-dependent cancer. *Journal of Medicinal Chemistry*, **2014**, 57, 6531-52	8.3	57
699	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. *Oncotarget*, **2016**, 7, 20636-54	3.3	56
698	REACH and in silico methods: an attractive opportunity for medicinal chemists. *Drug Discovery Today*, **2014**, 19, 1757-1768	8.8	55
697	Structure-activity relationship of the exopolysaccharide from a psychrophilic bacterium: A strategy for cryoprotection. *Carbohydrate Polymers*, **2017**, 156, 364-371	10.3	55
696	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, 179-89	16.4	55
695	Identification of highly conserved residues involved in inhibition of HIV-1 RNase H function by Diketo acid derivatives. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 6101-10	5.9	55
694	Imidazo[2,1-b]thiazole system: a scaffold endowing dihydropyridines with selective cardiodepressant activity. *Journal of Medicinal Chemistry*, **2008**, 51, 1592-600	8.3	55
693	Conformational analysis of furanoid epsilon-sugar amino acid containing cyclic peptides by NMR spectroscopy, molecular dynamics simulation, and X-ray crystallography: evidence for a novel turn structure. *Journal of the American Chemical Society*, **2003**, 125, 10822-9	16.4	55

692	Rational improvement of the affinity and selectivity of integrin binding of grafted lasso peptides. *Journal of Medicinal Chemistry*, **2014**, 57, 5829-34	8.3	54
691	In vitro bioaccessibility, bioavailability and plasma protein interaction of polyphenols from Annurca apple (M. pumila Miller cv Annurca). *Food Chemistry*, **2013**, 141, 3519-24	8.5	54
690	Online comprehensive RPLC RPLC with mass spectrometry detection for the analysis of proteome samples. *Analytical Chemistry*, **2011**, 83, 2485-91	7.8	54
689	Modeling of Cdc25B dual specifity protein phosphatase inhibitors: docking of ligands and enzymatic inhibition mechanism. *ChemMedChem*, **2006**, 1, 540-50	3.7	54
688	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, 2809-13	3.9	54
687	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, 10387-404	8.3	53
686	Human glioblastoma multiforme: p53 reactivation by a novel MDM2 inhibitor. *PLoS ONE*, **2013**, 8, e72281	3.7	53
685	Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs): 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, 5840-4	8.3	53
684	3-Aryl[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones: a new class of selective A1 adenosine receptor antagonists. *Journal of Medicinal Chemistry*, **2001**, 44, 316-27	8.3	53
683	Colon Bioaccessibility and Antioxidant Activity of White, Green and Black Tea Polyphenols Extract after In Vitro Simulated Gastrointestinal Digestion. *Nutrients*, **2018**, 10,	6.7	53
682	Indole-2-carboxamides as allosteric modulators of the cannabinoid CB receptor. *Journal of Medicinal Chemistry*, **2012**, 55, 5627-31	8.3	52
681	Trichoderma harzianum strain T-22 induces changes in phytohormone levels in cherry rootstocks (Prunus cerasus P. canescens). *Plant Growth Regulation*, **2011**, 65, 421-425	3.2	52
680	Inhibitors of Cdc25 phosphatases as anticancer agents: a patent review. *Expert Opinion on Therapeutic Patents*, **2010**, 20, 405-25	6.8	52
679	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, 4757-73	8.3	52
678	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, 1922-34	8.3	52
677	Indolyl aryl sulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors: role of two halogen atoms at the indole ring in developing new analogues with improved antiviral activity. *Journal of Medicinal Chemistry*, **2007**, 50, 5034-8	8.3	52
676	Naphtho[1,2-d]isothiazole acetic acid derivatives as a novel class of selective aldose reductase inhibitors. *Journal of Medicinal Chemistry*, **2005**, 48, 6897-907	8.3	52
675	Synthesis, biological evaluation, and molecular modeling investigation of new chiral fibrates with PPARalpha and PPARgamma agonist activity. *Journal of Medicinal Chemistry*, **2005**, 48, 5509-19	8.3	52

674	Abelmoschus esculentus (L.): Bioactive Components' Beneficial Properties-Focused on Antidiabetic Role-For Sustainable Health Applications. *Molecules*, **2018**, 24,	4.8	52
673	Antioxidant peptides released from gastrointestinal digestion of Stracchino soft cheese: Characterization, in vitro intestinal protection and bioavailability. *Journal of Functional Foods*, **2016**, 26, 494-505	5.1	51
672	Nutraceuticals: Beyond the Diet Before the Drugs. *Current Bioactive Compounds*, **2014**, 10, 1-12	0.9	51
671	G-triplex structure and formation propensity. *Nucleic Acids Research*, **2014**, 42, 13393-404	20.1	51
670	Human integrin alphavbeta5: homology modeling and ligand binding. *Journal of Medicinal Chemistry*, **2004**, 47, 4166-77	8.3	51
669	Resveratrol as a Novel Anti-Herpes Simplex Virus Nutraceutical Agent: An Overview. *Viruses*, **2018**, 10,	6.2	51
668	Apoptosis therapy in cancer: the first single-molecule co-activating p53 and the translocator protein in glioblastoma. *Scientific Reports*, **2014**, 4, 4749	4.9	50
667	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, 7687-701	8.3	50
666	Manadoperoxides A-D from the Indonesian sponge Plakortis cfr. simplex. Further insights on the structure-activity relationships of simple 1,2-dioxane antimalarials. *Journal of Natural Products*, **2010**, 73, 1138-45	4.9	50
665	Combining 4-aminoquinoline- and clotrimazole-based pharmacophores toward innovative and potent hybrid antimalarials. *Journal of Medicinal Chemistry*, **2009**, 52, 502-13	8.3	50
664	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, 4367-77	8.3	50
663	Stable Peptides Instead of Stapled Peptides: Highly Potent -Selective Integrin Ligands. *Angewandte Chemie - International Edition*, **2016**, 55, 1535-9	16.4	49
662	Design, synthesis and biological evaluation of carboxy analogues of arginine methyltransferase inhibitor 1 (AMI-1). *ChemMedChem*, **2010**, 5, 398-414	3.7	49
661	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, 3154-70	8.3	49
660	Combinatorial peptide library screening for discovery of diverse glucosidase inhibitors using molecular dynamics simulations and binary QSAR models. *Journal of Biomolecular Structure and Dynamics*, **2019**, 37, 726-740	3.6	49
659	Shooting for selective druglike G-quadruplex binders: evidence for telomeric DNA damage and tumor cell death. *Journal of Medicinal Chemistry*, **2012**, 55, 9785-92	8.3	48
658	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, 6634-8	8.3	48
657	Derivatives of 4-amino-6-hydroxy-2-mercaptopyrimidine as novel, potent, and selective A3 adenosine receptor antagonists. *Journal of Medicinal Chemistry*, **2008**, 51, 1764-70	8.3	48

656	2-(Benzimidazol-2-yl)quinoxalines: a novel class of selective antagonists at human A(1) and A(3) adenosine receptors designed by 3D database searching. *Journal of Medicinal Chemistry*, **2005**, 48, 8253-60	8.3	48
655	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, 2507-10	8.3	48
654	Synthesis, structure-activity relationships, and molecular modeling studies of N-(indol-3-ylglyoxylyl)benzylamine derivatives acting at the benzodiazepine receptor. *Journal of Medicinal Chemistry*, **1996**, 39, 5083-91	8.3	48
653	Effects of Grape Pomace Polyphenolic Extract (Taurisolo) in Reducing TMAO Serum Levels in Humans: Preliminary Results from a Randomized, Placebo-Controlled, Cross-Over Study. *Nutrients*, **2019**, 11,	6.7	48
652	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, 5857-67	8.3	47
651	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, 535-42	7.8	47
650	Novel N2-substituted pyrazolo[3,4-d]pyrimidine adenosine A3 receptor antagonists: inhibition of A3-mediated human glioblastoma cell proliferation. *Journal of Medicinal Chemistry*, **2010**, 53, 3954-63	8.3	46
649	Development of antitubercular compounds based on a 4-quinolylhydrazone scaffold. Further structure-activity relationship studies. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 6063-72	3.4	46
648	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, 3182-93	8.3	46
647	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, 2701-7	8.3	46
646	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	3.3	46
645	Modeling of kappa-opioid receptor/agonists interactions using pharmacophore-based and docking simulations. *Journal of Medicinal Chemistry*, **2000**, 43, 2124-34	8.3	46
644	Increasing αVβ3 selectivity of the anti-angiogenic drug cilengitide by N-methylation. *Angewandte Chemie - International Edition*, **2011**, 50, 9496-500	16.4	45
643	Novel, highly potent adenosine deaminase inhibitors containing the pyrazolo[3,4-d]pyrimidine ring system. Synthesis, structure-activity relationships, and molecular modeling studies. *Journal of Medicinal Chemistry*, **2005**, 48, 5162-74	8.3	45
642	Common G-Quadruplex Binding Agents Found to Interact With i-Motif-Forming DNA: Unexpected Multi-Target-Directed Compounds. *Frontiers in Chemistry*, **2018**, 6, 281	5	44
641	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, 4990-5	2.9	44
640	Exploring the chemical space of G-quadruplex binders: discovery of a novel chemotype targeting the human telomeric sequence. *Journal of Medicinal Chemistry*, **2013**, 56, 9646-54	8.3	44
639	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, 652-60	3.8	44

638	Discovery of huperzine A-tacrine hybrids as potent inhibitors of human cholinesterases targeting their midgorge recognition sites. *Journal of Medicinal Chemistry*, **2006**, 49, 3421-5	8.3	44
637	Design, synthesis, conformational analysis, and biological studies of urotensin-II lactam analogues. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 3731-9	3.4	44
636	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, 8588-98	8.3	43
635	Linking CoMFA and protein homology models of enzyme-inhibitor interactions: an application to non-steroidal aromatase inhibitors. *Bioorganic and Medicinal Chemistry*, **2000**, 8, 2771-80	3.4	43
634	Dietary Lignans: Definition, Description and Research Trends in Databases Development. *Molecules*, **2018**, 23,	4.8	43
633	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	3.9	42
632	Novel sst5-selective somatostatin dicarba-analogues: synthesis and conformation-affinity relationships. *Journal of Medicinal Chemistry*, **2008**, 51, 512-20	8.3	42
631	Antitumor agents. 2. Synthesis, structure-activity relationships, and biological evaluation of substituted 5H-pyridophenoxazin-5-ones with potent antiproliferative activity. *Journal of Medicinal Chemistry*, **2002**, 45, 5217-23	8.3	42
630	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. *Journal of Functional Foods*, **2018**, 47, 562-574	5.1	42
629	Regulation of HuR structure and function by dihydrotanshinone-I. *Nucleic Acids Research*, **2017**, 45, 9514-9527	2.5	41
628	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. *Oncotarget*, **2017**, 8, 77110-77120	3.3	41
627	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, 3223-34	8.3	41
626	Disease-modifying anti-Alzheimer's drugs: inhibitors of human cholinesterases interfering with β-amyloid aggregation. *CNS Neuroscience and Therapeutics*, **2014**, 20, 624-32	6.8	41
625	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, 4701-17	8.3	41
624	Protein flexibility in virtual screening: the BACE-1 case study. *Journal of Chemical Information and Modeling*, **2012**, 52, 2697-704	6.1	41
623	Imaging of alpha(v)beta(3) expression by a bifunctional chimeric RGD peptide not cross-reacting with alpha(v)beta(5). *Clinical Cancer Research*, **2009**, 15, 5224-33	12.9	41
622	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, 7153-65	8.3	41
621	Toward the Development of Specific G-Quadruplex Binders: Synthesis, Biophysical, and Biological Studies of New Hydrazone Derivatives. *Journal of Medicinal Chemistry*, **2016**, 59, 5706-20	8.3	41

620	Structure-based discovery of the first non-covalent inhibitors of Leishmania major tryparedoxin peroxidase by high throughput docking. *Scientific Reports*, **2015**, 5, 9705	4.9	40
619	May Polyphenols Have a Role Against Coronavirus Infection? An Overview of Evidence. *Frontiers in Medicine*, **2020**, 7, 240	4.9	40
618	Nanopharmaceutics: Part I-Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. *Pharmaceutics*, **2020**, 12,	6.4	40
617	Discovery of new inhibitors of Cdc25B dual specificity phosphatases by structure-based virtual screening. *Journal of Medicinal Chemistry*, **2012**, 55, 4142-58	8.3	40
616	Melanocortin MC receptor agonists counteract late inflammatory and apoptotic responses and improve neuronal functionality after cerebral ischemia. *European Journal of Pharmacology*, **2011**, 670, 479-86	5.3	40
615	Pyrroloquinoxaline hydrazones as fluorescent probes for amyloid fibrils. *Organic and Biomolecular Chemistry*, **2011**, 9, 5137-48	3.9	40
614	New fluorescent 2-phenylindolglyoxylamide derivatives as probes targeting the peripheral-type benzodiazepine receptor: design, synthesis, and biological evaluation. *Journal of Medicinal Chemistry*, **2007**, 50, 404-7	8.3	40
613	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, 6401-5	2.9	39
612	Replacement of the double bond of antitubulin chalcones with triazoles and tetrazoles: Synthesis and biological evaluation. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 764-8	2.9	39
611	Structural insight into peroxisome proliferator-activated receptor gamma binding of two ureidofibrate-like enantiomers by molecular dynamics, cofactor interaction analysis, and site-directed mutagenesis. *Journal of Medicinal Chemistry*, **2010**, 53, 4354-66	8.3	39
610	Synthesis of dihydroplakortin, 6-epi-dihydroplakortin, and their C10-desethyl analogues. *Journal of Organic Chemistry*, **2010**, 75, 2333-40	4.2	39
609	Clotrimazole scaffold as an innovative pharmacophore towards potent antimalarial agents: design, synthesis, and biological and structure-activity relationship studies. *Journal of Medicinal Chemistry*, **2008**, 51, 1278-94	8.3	39
608	Ensemble-docking approach on BACE-1: pharmacophore perception and guidelines for drug design. *ChemMedChem*, **2007**, 2, 667-78	3.7	39
607	Unraveling the active conformation of urotensin II. *Journal of Medicinal Chemistry*, **2004**, 47, 1652-61	8.3	39
606	Pyrrolobenzoxazepinone derivatives as non-nucleoside HIV-1 RT inhibitors: further structure-activity relationship studies and identification of more potent broad-spectrum HIV-1 RT inhibitors with antiviral activity. *Journal of Medicinal Chemistry*, **1999**, 42, 4462-70	8.3	39
605	Pyrrolobenzothiazepinones and pyrrolobenzoxazepinones: novel and specific non-nucleoside HIV-1 reverse transcriptase inhibitors with antiviral activity. *Journal of Medicinal Chemistry*, **1996**, 39, 2672-80	8.3	39
604	Development of an improved online comprehensive hydrophilic interaction chromatography reversed-phase ultra-high-pressure liquid chromatography platform for complex multiclass polyphenolic sample analysis. *Journal of Separation Science*, **2017**, 40, 2188-2197	3.4	38
603	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, 5789-807	8.3	38

602	Nanopharmaceutics: Part II-Production Scales and Clinically Compliant Production Methods. *Nanomaterials*, **2020**, 10,	5.4	38
601	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, 9578-97	8.3	38
600	Identification of glycogen synthase kinase-3 inhibitors with a selective sting for glycogen synthase kinase-3 *Journal of Medicinal Chemistry*, **2012**, 55, 4407-24	8.3	38
599	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, 1681-92	8.3	38
598	Selective melanocortin MC4 receptor agonists reverse haemorrhagic shock and prevent multiple organ damage. *British Journal of Pharmacology*, **2007**, 150, 595-603	8.6	38
597	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, 1152-7	8.3	38
596	A galpha(s) carboxyl-terminal peptide prevents G(s) activation by the A(2A) adenosine receptor. *Molecular Pharmacology*, **2000**, 58, 226-36	4.3	38
595	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, 2779-98	8.3	37
594	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, 7458-62	8.3	37
593	Indolylarylsulfones carrying a heterocyclic tail as very potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. *Journal of Medicinal Chemistry*, **2014**, 57, 9945-57	8.3	37
592	Effects of polyphenol compounds on influenza A virus replication and definition of their mechanism of action. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 5046-52	3.4	37
591	Nutraceutical potential of monofloral honeys produced by the Sicilian black honeybees (Apis mellifera ssp. sicula). *Food and Chemical Toxicology*, **2012**, 50, 1955-61	4.7	37
590	New insight into the central benzodiazepine receptor-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, 5694-711	8.3	37
589	State-of-the-art methodologies for the discovery and characterization of DNA G-quadruplex binders. *Current Pharmaceutical Design*, **2012**, 18, 1880-99	3.3	37
588	New insight into the mechanism of action of the temporin antimicrobial peptides. *Biochemistry*, **2010**, 49, 1477-85	3.2	37
587	Novel quinolinonyl diketo acid derivatives as HIV-1 integrase inhibitors: design, synthesis, and biological activities. *Journal of Medicinal Chemistry*, **2008**, 51, 4744-50	8.3	37
586	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, 5205-16	8.3	37
585	Emerging role of the catenin-PPAR axis in the pathogenesis of colorectal cancer. *World Journal of Gastroenterology*, **2014**, 20, 7137-51	5.6	37

584	Progresses in the pursuit of aldose reductase inhibitors: the structure-based lead optimization step. *European Journal of Medicinal Chemistry*, **2012**, 51, 216-26	6.8	36
583	Evidence for G-quadruplex in the promoter of vegfr-2 and its targeting to inhibit tumor angiogenesis. *Nucleic Acids Research*, **2014**, 42, 2945-57	20.1	36
582	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2013**, 62, 379-94	6.8	36
581	[1,2,4]Triazino[4,3-a]benzimidazole acetic acid derivatives: a new class of selective aldose reductase inhibitors. *Journal of Medicinal Chemistry*, **2001**, 44, 4359-69	8.3	36
580	A Convenient One Step Synthesis of 5-Cystein-S-yldopa Using Ceric Ammonium Nitrate. *Synthetic Communications*, **1986**, 16, 967-971	1.7	36
579	An alternative QSAR-based approach for predicting the bioconcentration factor for regulatory purposes. *ALTEX: Alternatives To Animal Experimentation*, **2014**, 31, 23-36	4.3	36
578	Looking for efficient G-quadruplex ligands: evidence for selective stabilizing properties and telomere damage by drug-like molecules. *ChemMedChem*, **2015**, 10, 640-9	3.7	35
577	Synthetic spirocyclic endoperoxides: new antimalarial scaffolds. *MedChemComm*, **2015**, 6, 357-362	5	35
576	Noncanonical DNA secondary structures as drug targets: the prospect of the i-motif. *ChemMedChem*, **2014**, 9, 2026-30	3.7	35
575	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	5.7	35
574	Potent arylsulfonamide inhibitors of tumor necrosis factor-alpha converting enzyme able to reduce activated leukocyte cell adhesion molecule shedding in cancer cell models. *Journal of Medicinal Chemistry*, **2010**, 53, 2622-35	8.3	35
573	Pursuing aldose reductase inhibitors through in situ cross-docking and similarity-based virtual screening. *Journal of Medicinal Chemistry*, **2009**, 52, 5578-81	8.3	35
572	New 2-aryloxy-3-phenyl-propanoic acids as peroxisome proliferator-activated receptors alpha/gamma dual agonists with improved potency and reduced adverse effects on skeletal muscle function. *Journal of Medicinal Chemistry*, **2009**, 52, 6382-93	8.3	35
571	Homology modeling of NR2B modulatory domain of NMDA receptor and analysis of ifenprodil binding. *ChemMedChem*, **2007**, 2, 1498-510	3.7	35
570	Further evidence that melanocortins prevent myocardial reperfusion injury by activating melanocortin MC3 receptors. *European Journal of Pharmacology*, **2003**, 477, 227-34	5.3	35
569	Novel, highly potent aldose reductase inhibitors: cyano(2-oxo-2,3-dihydroindol-3-yl)acetic acid derivatives. *Journal of Medicinal Chemistry*, **2003**, 46, 1419-28	8.3	35
568	Novel N-(arylalkyl)indol-3-ylglyoxylylamides targeted as ligands of the benzodiazepine receptor: synthesis, biological evaluation, and molecular modeling analysis of the structure-activity relationships. *Journal of Medicinal Chemistry*, **2001**, 44, 2286-97	8.3	35
567	Discovery of covalent inhibitors of glyceraldehyde-3-phosphate dehydrogenase, a target for the treatment of malaria. *Journal of Medicinal Chemistry*, **2014**, 57, 7465-71	8.3	34

566	Synthesis and biological evaluation of new N-alkylcarbazole derivatives as STAT3 inhibitors: preliminary study. *European Journal of Medicinal Chemistry*, **2013**, 60, 112-9	6.8	34
565	Probiotic species in the modulation of the anticancer immune response. *Seminars in Cancer Biology*, **2017**, 46, 182-190	12.7	34
564	Optimization of 4-aminoquinoline/clotrimazole-based hybrid antimalarials: further structure-activity relationships, in vivo studies, and preliminary toxicity profiling. *Journal of Medicinal Chemistry*, **2012**, 55, 6948-67	8.3	34
563	Melanocortins counteract inflammatory and apoptotic responses to prolonged myocardial ischemia/reperfusion through a vagus nerve-mediated mechanism. *European Journal of Pharmacology*, **2010**, 637, 124-30	5.3	34
562	Design and synthesis of potent antimalarial agents based on clotrimazole scaffold: exploring an innovative pharmacophore. *Journal of Medicinal Chemistry*, **2007**, 50, 595-8	8.3	34
561	Synthesis, biological evaluation, and molecular modeling of ribose-modified adenosine analogues as adenosine receptor agonists. *Journal of Medicinal Chemistry*, **2005**, 48, 1550-62	8.3	34
560	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, 1427-38	8.3	34
559	Fluorescence enhancement upon G-quadruplex folding: synthesis, structure, and biophysical characterization of a dansyl/cyclodextrin-tagged thrombin binding aptamer. *Bioconjugate Chemistry* , **2013**, 24, 1917-27	6.3	33
558	Nutraceutical potential of polyphenolic fractions from Annurca apple (M. pumila Miller cv Annurca). *Food Chemistry*, **2013**, 140, 614-22	8.5	33
557	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, 1318-27	4.6	33
556	Novel, potent, and selective quinoxaline-based 5-HT(3) receptor ligands. 1. Further structure-activity relationships and pharmacological characterization. *Journal of Medicinal Chemistry*, **2009**, 52, 6946-50	8.3	33
555	Structure□ffinity relationship studies on benzotriazole derivatives binding to 5-HT receptor subtypes. *European Journal of Medicinal Chemistry*, **1996**, 31, 207-213	6.8	33
554	The structural evolution of □secretase inhibitors: a focus on the development of small-molecule inhibitors. *Current Topics in Medicinal Chemistry*, **2013**, 13, 1787-807	3	33
553	An Updated Overview on Nanonutraceuticals: Focus on Nanoprebiotics and Nanoprobiotics. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	32
552	Tryptamine-Based Derivatives as Transient Receptor Potential Melastatin Type 8 (TRPM8) Channel Modulators. *Journal of Medicinal Chemistry*, **2016**, 59, 2179-91	8.3	32
551	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, 4126-30	7.8	32
550	Structure-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, 2413-28	8.3	32
549	Pharmacophoric modifications lead to superpotent □□ integrin ligands with suppressed □□ activity. *Journal of Medicinal Chemistry*, **2014**, 57, 3410-7	8.3	32

548	Multifunctional cholinesterase and amyloid Beta fibrillization modulators. Synthesis and biological investigation. *ACS Medicinal Chemistry Letters*, **2013**, 4, 1178-82	4.3	32
547	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. *Scientific Reports*, **2015**, 5, 15453	4.9	32
546	Synthesis and biological evaluation in U87MG glioma cells of (ethynylthiophene)sulfonamido-based hydroxamates as matrix metalloproteinase inhibitors. *European Journal of Medicinal Chemistry*, **2011**, 46, 2617-29	6.8	32
545	Specific targeting of peripheral serotonin 5-HT(3) receptors. Synthesis, biological investigation, and structure-activity relationships. *Journal of Medicinal Chemistry*, **2009**, 52, 3548-62	8.3	32
544	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, 4730-43	8.3	32
543	Antitumor agents 6. Synthesis, structure-activity relationships, and biological evaluation of spiro[imidazolidine-4,3'-thieno[2,3-g]quinoline]-tetraones and spiro[thieno[2,3-g]quinoline-3,5'-[1,2,4]triazinane]-tetraones with potent antiproliferative activity. *Journal of Medicinal Chemistry*, **2008**, 51, 8148-57	8.3	32
542	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, 491-9	3.4	32
541	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, 4501-4	8.3	32
540	Use of comparative molecular field analysis and cluster analysis in series design. *Pharmaceutica Acta Helvetiae*, **1995**, 70, 149-154		32
539	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, 4100-8	8.3	32
538	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-3 inhibitors. *Journal of Medicinal Chemistry*, **2013**, 56, 10066-78	8.3	31
537	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, 4506-10	8.3	31
536	Differential scanning calorimetry to investigate G-quadruplexes structural stability. *Methods*, **2013**, 64, 43-51	4.6	31
535	Development of peptidomimetic boronates as proteasome inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 64, 23-34	6.8	31
534	NMR spectrometers as "magnetic tongues": prediction of sensory descriptors in canned tomatoes. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 10831-8	5.7	31
533	Breaking the dogma of the metal-coordinating carboxylate group in integrin ligands: introducing hydroxamic acids to the MIDAS to tune potency and selectivity. *Angewandte Chemie - International Edition*, **2009**, 48, 4436-40	16.4	31
532	Novel octreotide dicarba-analogues with high affinity and different selectivity for somatostatin receptors. *Journal of Medicinal Chemistry*, **2010**, 53, 6188-97	8.3	31
531	Conformation-activity relationship of designed glycopeptides as synthetic probes for the detection of autoantibodies, biomarkers of multiple sclerosis. *Journal of Medicinal Chemistry*, **2006**, 49, 5072-9	8.3	31

530	New benzo[g]isoquinoline-5,10-diones and dihydrothieno [2,3-b]naphtho-4,9-dione derivatives: synthesis and biological evaluation as potential antitumoral agents. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 3769-75	3.4	31
529	Occurrence of two new mycosporine-like aminoacids, mytilins A and B in the edible mussel, mytilus galloprovincialis. *Tetrahedron Letters*, **1979**, 20, 3181-3182	2	31
528	Peptidome profiles and bioactivity elucidation of buffalo-milk dairy products after gastrointestinal digestion. *Food Research International*, **2018**, 105, 1003-1010	7	31
527	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	5.6	30
526	Antioxidant peptides from Mozzarella di Bufala Campana DOP after simulated gastrointestinal digestion: In vitro intestinal protection, bioavailability, and anti-haemolytic capacity. *Journal of Functional Foods*, **2015**, 15, 365-375	5.1	30
525	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, 7916-32	8.3	30
524	Rational design of the first difluorostatone-based PfSUB1 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 3582-6	2.9	30
523	In vitro hypoglycaemic and hypolipidemic potential of white tea polyphenols. *Food Chemistry*, **2013**, 141, 2379-84	8.5	30
522	SIRT6 interacts with TRF2 and promotes its degradation in response to DNA damage. *Nucleic Acids Research*, **2017**, 45, 1820-1834	20.1	30
521	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	7	30
520	Structure-based virtual screening and biological evaluation of Mycobacterium tuberculosis adenosine 5'-phosphosulfate reductase inhibitors. *Journal of Medicinal Chemistry*, **2008**, 51, 6627-30	8.3	30
519	Arylthiopyrrole (AThP) derivatives as non-nucleoside HIV-1 reverse transcriptase inhibitors: synthesis, structure-activity relationships, and docking studies (part 1). *ChemMedChem*, **2006**, 1, 1367-78	3.7	30
518	Design, synthesis, and cytotoxic evaluation of a new series of 3-substituted spiro[(dihydropyrazine-2,5-dione)-6,3'-(2',3'-dihydrothieno[2,3-b]naphtho-4',9'-dione)] derivatives. *Journal of Medicinal Chemistry*, **2007**, 50, 1787-98	8.3	30
517	Architecture of the human urotensin II receptor: comparison of the binding domains of peptide and non-peptide urotensin II agonists. *Journal of Medicinal Chemistry*, **2005**, 48, 2480-92	8.3	30
516	An efficient approach for monosulfide bridge formation in solid-phase peptide synthesis. *Tetrahedron Letters*, **2004**, 45, 1453-1456	2	30
515	Design, synthesis and biological evaluation of heteroaryl diketohexenoic and diketobutanoic acids as HIV-1 integrase inhibitors endowed with antiretroviral activity. *Il Farmaco*, **2005**, 60, 409-17		30
514	Synthesis and biological activity of benzotriazole derivatives structurally related to trazodone. *European Journal of Medicinal Chemistry*, **1995**, 30, 77-84	6.8	30
513	Study of Benzodiazepines Receptor Sites Using a Combined QSAR-CoMFA Approach. *QSAR and Combinatorial Science*, **1992**, 11, 461-477		30

512	Novel ⍺MSH peptide analogues with broad spectrum antimicrobial activity. *PLoS ONE*, **2013**, 8, e61614	3.7	30
511	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, 4610-23	8.3	29
510	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. *Current Research in Biotechnology*, **2020**, 2, 53-63	4.8	29
509	The ring residue proline 8 is crucial for the thermal stability of the lasso peptide caulosegnin II. *Molecular BioSystems*, **2016**, 12, 1106-9		29
508	Novel spiroindoline HDAC inhibitors: Synthesis, molecular modelling and biological studies. *European Journal of Medicinal Chemistry*, **2018**, 157, 127-138	6.8	29
507	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	3.7	29
506	Diarylheterocycle core ring features effect in selective COX-1 inhibition. *ChemMedChem*, **2012**, 7, 629-41	3.7	29
505	Novel and selective alpha(v)beta3 receptor peptide antagonist: design, synthesis, and biological behavior. *Journal of Medicinal Chemistry*, **2006**, 49, 3416-20	8.3	29
504	Synthesis of new molecular probes for investigation of steroid biosynthesis induced by selective interaction with peripheral type benzodiazepine receptors (PBR). *Journal of Medicinal Chemistry*, **2002**, 45, 4276-81	8.3	29
503	Exploring the nutraceutical potential of polyphenols from black, green and white tea infusions - an overview. *Current Pharmaceutical Biotechnology*, **2015**, 16, 265-71	2.6	29
502	Discovery of arginine-containing tripeptides as a new class of pancreatic lipase inhibitors. *Future Medicinal Chemistry*, **2019**, 11, 5-19	4.1	29
501	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. *Nature Chemical Biology*, **2015**, 11, 280-6	11.7	28
500	Intragenic G-quadruplex structure formed in the human CD133 and its biological and translational relevance. *Nucleic Acids Research*, **2016**, 44, 1579-90	20.1	28
499	Osteoblast differentiation and survival: A role for A2B adenosine receptor allosteric modulators. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2014**, 1843, 2957-66	4.9	28
498	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, 2861-73	8.3	28
497	Application of "magnetic tongue" to the sensory evaluation of extra virgin olive oil. *Food Chemistry*, **2013**, 140, 692-9	8.5	28
496	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, 3866-77	8.3	28
495	Alanine scanning analysis and structure-function relationships of the frog-skin antimicrobial peptide temporin-1Ta. *Journal of Peptide Science*, **2011**, 17, 358-65	2.1	28

494	Targeting the BCL2 Gene Promoter G-Quadruplex with a New Class of Furopyridazinone-Based Molecules. *ChemMedChem*, **2018**, 13, 406-410	3.7	27
493	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	10.2	27
492	The design of multitarget ligands for chronic and neuropathic pain. *Future Medicinal Chemistry*, **2015**, 7, 2469-83	4.1	27
491	Isolation and functional characterization of peptide agonists of PTPRJ, a tyrosine phosphatase receptor endowed with tumor suppressor activity. *ACS Chemical Biology*, **2012**, 7, 1666-76	4.9	27
490	Benzodeazaoxaflavins as sirtuin inhibitors with antiproliferative properties in cancer stem cells. *Journal of Medicinal Chemistry*, **2012**, 55, 8193-7	8.3	27
489	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, 341-53	4.7	27
488	Benzothiopyranoindole-based antiproliferative agents: synthesis, cytotoxicity, nucleic acids interaction, and topoisomerases inhibition properties. *Journal of Medicinal Chemistry*, **2009**, 52, 5429-41	8.3	27
487	Synthesis, structure-activity relationships and molecular modeling studies of new indole inhibitors of monoamine oxidases A and B. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 9729-40	3.4	27
486	Novel alpha-melanocyte stimulating hormone peptide analogues with high candidacidal activity. *Journal of Medicinal Chemistry*, **2003**, 46, 850-5	8.3	27
485	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	10.8	27
484	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,	6.7	27
483	HMGB1 binds to the KRAS promoter G-quadruplex: a new player in oncogene transcriptional regulation?. *Chemical Communications*, **2018**, 54, 9442-9445	5.8	26
482	Synthesis and biological evaluation of CTP synthetase inhibitors as potential agents for the treatment of African trypanosomiasis. *ChemMedChem*, **2012**, 7, 1623-34	3.7	26
481	Synthesis, biological evaluation, and molecular modeling investigation of chiral phenoxyacetic acid analogues with PPARalpha and PPARgamma agonist activity. *ChemMedChem*, **2007**, 2, 641-54	3.7	26
480	Design, synthesis and biological evaluation of novel N-alkyl- and N-acyl-(7-substituted-2-phenylimidazo[1,2-a][1,3,5]triazin-4-yl)amines (ITAs) as novel A(1) adenosine receptor antagonists. *Journal of Medicinal Chemistry*, **2002**, 45, 5030-6	8.3	26
479	Characterization of monovarietal extra virgin olive oils from the province of B□□ (Algeria). *Food Research International*, **2016**, 89, 1123-1133	7	26
478	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	4	25
477	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	7	25

476	The G-Triplex DNA. *Angewandte Chemie*, **2013**, 125, 2325-2329	3.6	25
475	Identification of anxiolytic/nonsedative agents among indol-3-ylglyoxylamides acting as functionally selective agonists at the gamma-aminobutyric acid-A (GABAA) alpha2 benzodiazepine receptor. *Journal of Medicinal Chemistry*, **2009**, 52, 3723-34	8.3	25
474	Konformative Kontrolle über Integrin-Subtyp-Selektivitäten in isoDGR-Peptidmotiven: ein biologischer Schalter. *Angewandte Chemie*, **2010**, 122, 9465-9468	3.6	25
473	Urotensin-II receptor antagonists. *Current Medicinal Chemistry*, **2006**, 13, 267-75	4.3	25
472	Syntheses, biological evaluation, and molecular modeling of 18F-labeled 4-anilidopiperidines as mu-opioid receptor imaging agents. *Journal of Medicinal Chemistry*, **2005**, 48, 7720-32	8.3	25
471	Sterol composition of some mediterranean green algae. *Phytochemistry*, **1982**, 21, 1993-1994	4	25
470	Overcoming the Lack of Oral Availability of Cyclic Hexapeptides: Design of a Selective and Orally Available Ligand for the Integrin □□. *Angewandte Chemie - International Edition*, **2017**, 56, 16405-16409	16.4	24
469	Interfering with HuR-RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. *Journal of Medicinal Chemistry*, **2018**, 61, 1483-1498	8.3	24
468	Allosteric modulators of human A2B adenosine receptor. *Biochimica Et Biophysica Acta - General Subjects*, **2014**, 1840, 1194-203	4	24
467	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	7	24
466	Modulation of A2B adenosine receptor by 1-Benzyl-3-ketoindole derivatives. *European Journal of Medicinal Chemistry*, **2013**, 69, 331-7	6.8	24
465	Glycine-replaced derivatives of [Pro,DLeu]TL, a temporin L analogue: Evaluation of antimicrobial, cytotoxic and hemolytic activities. *European Journal of Medicinal Chemistry*, **2017**, 139, 750-761	6.8	24
464	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	4.3	24
463	Identification of PR-SET7 and EZH2 selective inhibitors inducing cell death in human leukemia U937 cells. *Biochimie*, **2012**, 94, 2308-13	4.6	24
462	Non-nucleoside inhibitors of human adenosine kinase: synthesis, molecular modeling, and biological studies. *Journal of Medicinal Chemistry*, **2011**, 54, 1401-20	8.3	24
461	Synthesis and antiplasmodial activity of bicyclic dioxanes as simplified dihydroplakortin analogues. *Journal of Medicinal Chemistry*, **2011**, 54, 5949-53	8.3	24
460	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, 2352-62	8.3	24
459	New pyrrolobenzothiazepine derivatives as molecular probes of the "peripheral-type" benzodiazepine receptor (PBR) binding site. *European Journal of Medicinal Chemistry*, **1997**, 32, 241-251	6.8	24

458	Designed glycopeptides with different beta-turn types as synthetic probes for the detection of autoantibodies as biomarkers of multiple sclerosis. *Journal of Medicinal Chemistry*, **2008**, 51, 5304-9	8.3	24
457	Tacrine based human cholinesterase inhibitors: synthesis of peptidic-tethered derivatives and their effect on potency and selectivity. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 5213-6	2.9	24
456	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, 263-80	4.2	24
455	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	4	23
454	Identification of novel interactors of human telomeric G-quadruplex DNA. *Chemical Communications*, **2015**, 51, 2964-7	5.8	23
453	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. *Journal of Medicinal Chemistry*, **2015**, 58, 6081-92	8.3	23
452	Design, Synthesis and Biological Evaluation of Two Opioid Agonist and Cav 2.2 Blocker Multitarget Ligands. *Chemical Biology and Drug Design*, **2015**, 86, 156-62	2.9	23
451	Chemical profiling of bioactive constituents in hop cones and pellets extracts by online comprehensive two-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	3.4	23
450	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	4.7	23
449	Discovery of PTPRJ agonist peptides that effectively inhibit in vitro cancer cell proliferation and tube formation. *ACS Chemical Biology*, **2013**, 8, 1497-506	4.9	23
448	Outstanding effects on antithrombin activity of modified TBA diastereomers containing an optically pure acyclic nucleotide analogue. *Organic and Biomolecular Chemistry*, **2014**, 12, 5235-42	3.9	23
447	Urotensin II receptor determines prognosis of bladder cancer regulating cell motility/invasion. *Journal of Experimental and Clinical Cancer Research*, **2014**, 33, 48	12.8	23
446	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, 10523-31	8.3	23
445	3-aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-one: a novel template for the design of highly selective A**B** adenosine receptor antagonists. *Journal of Medicinal Chemistry*, **2012**, 55, 1490-9	8.3	23
444	Novel irreversible fluorescent probes targeting the 18 kDa translocator protein: synthesis and biological characterization. *Journal of Medicinal Chemistry*, **2010**, 53, 4085-93	8.3	23
443	CDC25A and B dual-specificity phosphatase inhibitors: potential agents for cancer therapy. *Current Medicinal Chemistry*, **2009**, 16, 1831-49	4.3	23
442	Synthetic studies toward 1,2-dioxanes as precursors of potential endoperoxide-containing antimalarials. *Tetrahedron Letters*, **2009**, 50, 5719-5722	2	23
441	An efficient approach to chiral C8/C9-piperazino-substituted 1,4-benzodiazepin-2-ones as peptidomimetic scaffolds. *Journal of Organic Chemistry*, **2008**, 73, 8458-68	4.2	23

440	Cdc25B phosphatase inhibitors in cancer therapy: latest developments, trends and medicinal chemistry perspective. *Anti-Cancer Agents in Medicinal Chemistry*, **2008**, 8, 843-56	2.2	23
439	Obestatin conformational features: a strategy to unveil obestatin's biological role?. *Biochemical and Biophysical Research Communications*, **2007**, 363, 500-5	3.4	23
438	Antitumor agents. 5. synthesis, structure-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, 5110-8	8.3	23
437	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-ones: tricyclic heteroaromatic derivatives as a new class of benzodiazepine receptor ligands. *Journal of Medicinal Chemistry*, **2000**, 43, 96-102	8.3	23
436	From a Helix to a Small Cycle: Metadynamics-Inspired αVβ6 Integrin Selective Ligands. *Angewandte Chemie - International Edition*, **2018**, 57, 14645-14649	16.4	22
435	Optimization of peptidomimetic boronates bearing a P3 bicyclic scaffold as proteasome inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 83, 1-14	6.8	22
434	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, 143-52	6.8	22
433	Structure-based lead optimization and biological evaluation of BAX direct activators as novel potential anticancer agents. *Journal of Medicinal Chemistry*, **2015**, 58, 2135-48	8.3	22
432	Quinolylhydrazones as novel inhibitors of Plasmodium falciparum serine protease PfSUB1. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 5317-21	2.9	22
431	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, 4077-91	8.3	22
430	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, 1280-7	4.6	22
429	Discovery of bishomo(hetero)arylpiperazines as novel multifunctional ligands targeting dopamine D(3) and serotonin 5-HT(1A) and 5-HT(2A) receptors. *Journal of Medicinal Chemistry*, **2010**, 53, 4803-7	8.3	22
428	Urotensin-II receptor ligands. From agonist to antagonist activity. *Journal of Medicinal Chemistry*, **2005**, 48, 7290-7	8.3	22
427	Comparative Molecular Field Analysis on a Set of Muscarinic Agonists. *QSAR and Combinatorial Science*, **1991**, 10, 289-299		22
426	Hemopressin Peptides as Modulators of the Endocannabinoid System and their Potential Applications as Therapeutic Tools. *Protein and Peptide Letters*, **2016**, 23, 1045-1051	1.9	22
425	Design and Synthesis of New Cell Penetrating Peptides: Diffusion and Distribution Inside the Cornea. *Molecular Pharmaceutics*, **2016**, 13, 3876-3883	5.6	22
424	Bio-Inspired Dual-Selective / G-Quadruplex Binders: Design, Synthesis, and Anticancer Activity of Drug-like Imidazo[2,1-]purine Derivatives. *Journal of Medicinal Chemistry*, **2020**, 63, 2035-2050	8.3	22
423	Identification of a Potent Tryptophan-Based TRPM8 Antagonist With in Vivo Analgesic Activity. *Journal of Medicinal Chemistry*, **2018**, 61, 6140-6152	8.3	22

422	Docking-based classification models for exploratory toxicology studies on high-quality estrogenic experimental data. *Future Medicinal Chemistry*, **2015**, 7, 1921-36	4.1	21
421	Exploring the Nutraceutical Potential of Dried Pepper L. on Market from Altino in Abruzzo Region. *Antioxidants*, **2020**, 9,	7.1	21
420	Boosting Fmoc Solid-Phase Peptide Synthesis by Ultrasonication. *Organic Letters*, **2019**, 21, 6378-6382	6.2	21
419	Novel cyclic biphalin analogue with improved antinociceptive properties. *ACS Medicinal Chemistry Letters*, **2014**, 5, 1032-6	4.3	21
418	Lower incidence of macrovascular complications in patients on insulin glargine versus those on basal human insulins: a population-based cohort study in Italy. *Nutrition, Metabolism and Cardiovascular Diseases*, **2014**, 24, 10-7	4.5	21
417	Synthesis, biological evaluation and molecular investigation of fluorinated peroxisome proliferator-activated receptors Δ dual agonists. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 2141-51	3.4	21
416	Structure-based drug design targeting the cell membrane receptor GPBAR1: exploiting the bile acid scaffold towards selective agonism. *Scientific Reports*, **2015**, 5, 16605	4.9	21
415	Quinoline-based p300 histone acetyltransferase inhibitors with pro-apoptotic activity in human leukemia U937 cells. *ChemMedChem*, **2014**, 9, 542-8	3.7	21
414	Selective Binding of Distamycin A Derivative to G-Quadruplex Structure [d(TGGGGT)](4). *Journal of Nucleic Acids*, **2010**, 2010,	2.3	21
413	Membrane charge dependent states of the beta-amyloid fragment Abeta (16-35) with differently charged micelle aggregates. *Biochimica Et Biophysica Acta - Biomembranes*, **2010**, 1798, 660-71	3.8	21
412	New insight into the binding mode of peptide ligands at Urotensin-II receptor: structure-activity relationships study on P5U and urantide. *Journal of Medicinal Chemistry*, **2009**, 52, 3927-40	8.3	21
411	Synthesis and pharmacological evaluation of some 4-oxo-quinoline-2-carboxylic acid derivatives as anti-inflammatory and analgesic agents. *Archiv Der Pharmazie*, **2010**, 343, 561-9	4.3	21
410	N'-Phenylindol-3-ylglyoxylohydrazide derivatives: synthesis, structure-activity relationships, molecular modeling studies, and pharmacological action on brain benzodiazepine receptors. *Journal of Medicinal Chemistry*, **1998**, 41, 3821-30	8.3	21
409	5-amino-2-phenyl[1,2,3]triazolo[1,2-a][1,2,4]benzotriazin-1-one: a versatile scaffold to obtain potent and selective A3 adenosine receptor antagonists. *Journal of Medicinal Chemistry*, **2007**, 50, 5676-84	8.3	21
408	Biophysical and biochemical characterization of a liposarcoma-derived recombinant MnSOD protein acting as an anticancer agent. *International Journal of Cancer*, **2008**, 123, 2684-95	7.5	21
407	Refinement of the benzodiazepine receptor site topology by structure-activity relationships of new N-(heteroarylmethyl)indol-3-ylglyoxylamides. *Journal of Medicinal Chemistry*, **2006**, 49, 2489-95	8.3	21
406	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, 4526-38	8.3	21
405	Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents. *European Journal of Medicinal Chemistry*, **2019**, 162, 290-320	6.8	21

404	Tailoring a lead-like compound targeting multiple G-quadruplex structures. *European Journal of Medicinal Chemistry*, **2019**, 163, 295-306	6.8	21
403	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	5.6	20
402	Osteogenesis Is Improved by Low Tumor Necrosis Factor Alpha Concentration through the Modulation of Gs-Coupled Receptor Signals. *Molecular and Cellular Biology*, **2017**, 37,	4.8	20
401	Discovery of the First-in-Class GSK-3β/HDAC Dual Inhibitor as Disease-Modifying Agent To Combat Alzheimer's Disease. *ACS Medicinal Chemistry Letters*, **2019**, 10, 469-474	4.3	20
400	(1S,3R,4S,5R)5-O-Caffeoylquinic acid: isolation, stereo-structure characterization and biological activity. *Food Chemistry*, **2015**, 178, 306-10	8.5	20
399	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 7053-60	3.4	20
398	Identification of structural features of 2-alkylidene-1,3-dicarbonyl derivatives that induce inhibition and/or activation of histone acetyltransferases KAT3B/p300 and KAT2B/PCAF. *ChemMedChem*, **2015**, 10, 144-57	3.7	20
397	p53 functional inhibitors behaving like pifithrin-α counteract the Alzheimer peptide non-Aβ amyloid component effects in human SH-SY5Y cells. *ACS Chemical Neuroscience*, **2014**, 5, 390-9	5.7	20
396	Identification of a new series of amides as non-covalent proteasome inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 76, 1-9	6.8	20
395	Bis-indole derivatives with antitumor activity turn out to be specific ligands of human telomeric G-quadruplex. *Frontiers in Chemistry*, **2014**, 2, 54	5	20
394	Binding of the hemopressin peptide to the cannabinoid CB1 receptor: structural insights. *Biochemistry*, **2010**, 49, 10449-57	3.2	20
393	Novel N-substituted indol-3-ylglyoxylamides probing the LDi and L1/L2 lipophilic regions of the benzodiazepine receptor site in search for subtype-selective ligands. *Journal of Medicinal Chemistry* , **2007**, 50, 1627-34	8.3	20
392	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, 633-43	2.1	20
391	Further structure-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, 1191-6	3.8	20
390	Structure-activity relationship studies optimizing the antiproliferative activity of novel cyclic somatostatin analogues containing a restrained cyclic beta-amino acid. *Journal of Medicinal Chemistry*, **2005**, 48, 2916-26	8.3	20
389	A1 adenosine receptor antagonists, 3-aryl[1,2,4]triazino[4,3-a]benzimidazol-4-(10H)-ones (ATBIs) and N-alkyl and N-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	5.1	20
388	Fermentation of Foods and Beverages as a Tool for Increasing Availability of Bioactive Compounds. Focus on Short-Chain Fatty Acids. *Foods*, **2020**, 9,	4.9	20
387	Novel Isoxazole Derivatives with Potent FXR Agonistic Activity Prevent Acetaminophen-Induced Liver Injury. *ACS Medicinal Chemistry Letters*, **2019**, 10, 407-412	4.3	20

386	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, 1215-30	5.9	19
385	Synthesis of aminocarbonyl N-acylhydrazones by a three-component reaction of isocyanides, hydrazonoyl chlorides, and carboxylic acids. *Organic Letters*, **2014**, 16, 5332-5	6.2	19
384	Structural evidence of N6-isopentenyladenosine as a new ligand of farnesyl pyrophosphate synthase. *Journal of Medicinal Chemistry*, **2014**, 57, 7798-803	8.3	19
383	Lactoferrin-derived Peptides Active towards Influenza: Identification of Three Potent Tetrapeptide Inhibitors. *Scientific Reports*, **2017**, 7, 10593	4.9	19
382	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	8.3	19
381	Urotensin-II receptor is over-expressed in colon cancer cell lines and in colon carcinoma in humans. *European Journal of Clinical Investigation*, **2014**, 44, 285-94	4.6	19
380	1H-cyclopentapyrimidine-2,4(1H,3H)-dione-related ionotropic glutamate receptors ligands. structure-activity relationships and identification of potent and Selective iGluR5 modulators. *Journal of Medicinal Chemistry*, **2008**, 51, 6614-8	8.3	19
379	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, 773-83	2.8	19
378	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	2	19
377	Rapid and Efficient Methodology to Perform Macrocyclization Reactions in Solid-Phase Peptide Chemistry. *Synlett*, **2003**, 2003, 2216-2218	2.2	19
376	Petiodial, a new monocyclic diterpenoid from the Mediterranean green algaUdotea petiolata. *Experientia*, **1983**, 39, 1275-1276		19
375	Insights into telomeric G-quadruplex DNA recognition by HMGB1 protein. *Nucleic Acids Research*, **2019**, 47, 9950-9966	20.1	18
374	Discovery of novel amide tripeptides as pancreatic lipase inhibitors by virtual screening. *New Journal of Chemistry*, **2019**, 43, 3208-3217	3.6	18
373	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, 3964-7	6.2	18
372	DPP-4 inhibitors: a patent review (2012 - 2014). *Expert Opinion on Therapeutic Patents*, **2015**, 25, 209-36	6.8	18
371	Bioinformatics and Biosimulations as Toolbox for Peptides and Peptidomimetics Design: Where Are We?. *Frontiers in Molecular Biosciences*, **2020**, 7, 66	5.6	18
370	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	2.8	18
369	Nitrile N-Oxides and Nitrile Imines as New Fuels for the Discovery of Novel Isocyanide-Based Multicomponent Reactions. *Synthesis*, **2016**, 48, 2721-2731	2.9	18

368	Lead optimization of P5U and urantide: discovery of novel potent ligands at the urotensin-II receptor. *Journal of Medicinal Chemistry*, **2014**, 57, 5965-74	8.3	18
367	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 80, 101-11	6.8	18
366	Reaction between (Z)-arylchlorooximes and α-isocyanoacetamides: a procedure for the synthesis of aryl-α-ketoamide amides. *Journal of Organic Chemistry*, **2014**, 79, 6006-14	4.2	18
365	Use of NMR in profiling of cocaine seizures. *Forensic Science International*, **2013**, 231, 120-4	2.6	18
364	Characterization of a selective CaMKII peptide inhibitor. *European Journal of Medicinal Chemistry*, **2013**, 62, 425-34	6.8	18
363	Identification of small-molecule enhancers of arginine methylation catalyzed by coactivator-associated arginine methyltransferase 1. *Journal of Medicinal Chemistry*, **2012**, 55, 9875-90	8.3	18
362	Spiro[(dihydropyrazin-2,5-dione)-6,3'-(2',3'-dihydrothieno[2,3-b]naphtho-4',9'-dione)]-based cytotoxic agents: structure-activity relationship studies on the substituent at N4-position of the diketopiperazine domain. *Journal of Medicinal Chemistry*, **2008**, 51, 2924-32	8.3	18
361	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, 3535-9	2.9	18
360	Synthesis, biological evaluation, and molecular modeling investigation of chiral 2-(4-chloro-phenoxy)-3-phenyl-propanoic acid derivatives with PPARalpha and PPARgamma agonist activity. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 9498-510	3.4	18
359	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	3.7	18
358	Cycloaddition reactions of thiazolidine derivatives. An approach to the synthesis of new functionalized heterocyclic systems. *Tetrahedron Letters*, **2001**, 42, 5755-5757	2	18
357	Structural studies on Hgr3 orphan receptor ligand prolactin-releasing peptide. *Journal of Medicinal Chemistry*, **2002**, 45, 5483-91	8.3	18
356	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	6.8	18
355	The antiproliferative and proapoptotic effects of cladosporols A and B are related to their different binding mode as PPARδ ligands. *Biochemical Pharmacology*, **2016**, 108, 22-35	6	18
354	Hyodeoxycholic acid derivatives as liver X receptor α and G-protein-coupled bile acid receptor agonists. *Scientific Reports*, **2017**, 7, 43290	4.9	17
353	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 Mitsunobu-Beckmann Rearrangement. *Journal of Organic Chemistry*, **2015**, 80, 9652-61	4.2	17
352	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. *European Journal of Medicinal Chemistry*, **2015**, 90, 526-36	6.8	17
351	Toxicity of aflatoxin B1 towards the vitamin D receptor (VDR). *Food and Chemical Toxicology*, **2015**, 76, 77-9	4.7	17

350	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. *ACS Chemical Neuroscience*, **2018**, 9, 85-99	5.7	17
349	Bioassay-guided identification of the antihyperglycaemic constituents of walnut (Juglans regia) leaves. *Journal of Functional Foods*, **2016**, 26, 731-738	5.1	17
348	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	4.9	17
347	Receptor-bound conformation of cilengitide better represented by its solution-state structure than the solid-state structure. *Chemistry - A European Journal*, **2014**, 20, 14201-6	4.8	17
346	Design, synthesis and efficacy of novel G protein-coupled receptor kinase 2 inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 69, 384-92	6.8	17
345	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	4	17
344	Tuning RNA Interference by Enhancing siRNA/PAZ Recognition. *ACS Medicinal Chemistry Letters*, **2013**, 4, 75-8	4.3	17
343	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, 4793-805	8.3	17
342	A membrane-permeable peptide containing the last 21 residues of the G alpha(s) carboxyl terminus inhibits G(s)-coupled receptor signaling in intact cells: correlations between peptide structure and biological activity. *Molecular Pharmacology*, **2006**, 69, 727-36	4.3	17
341	Design and synthesis of melanocortin peptides with candidacidal and anti-TNF-alpha properties. *Journal of Medicinal Chemistry*, **2005**, 48, 1384-8	8.3	17
340	Pyroglutamic Acid Derivatives: Building Blocks for Drug Discovery. *Heterocycles*, **2014**, 89, 1801	0.8	17
339	Phenolic Analysis and In Vitro Biological Activity of Red Wine, Pomace and Grape Seeds Oil Derived from L. cv. Montepulciano d'Abruzzo. *Antioxidants*, **2021**, 10,	7.1	17
338	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, 8369-80	8.3	17
337	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	8.3	16
336	A Boost in Mitochondrial Activity Underpins the Cholesterol-Lowering Effect of Annurca Apple Polyphenols on Hepatic Cells. *Nutrients*, **2019**, 11,	6.7	16
335	The Outcomes of Decorated Prolines in the Discovery of Antimicrobial Peptides from Temporin-L. *ChemMedChem*, **2019**, 14, 1283-1290	3.7	16
334	The acute myeloid leukemia-associated Nucleophosmin 1 gene mutations dictate amyloidogenicity of the C-terminal domain. *FEBS Journal*, **2019**, 286, 2311-2328	5.7	16
333	5'-C-Ethyl-tetrazolyl-N(6)-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, 2560-6	8.3	16

332	Urotensin II receptor on preoperative biopsy is associated with upstaging and upgrading in prostate cancer. *Future Oncology*, **2015**, 11, 3091-8	3.6	16
331	Ligand-Based NMR Study of C-X-C Chemokine Receptor Type 4 (CXCR4)-Ligand Interactions on Living Cancer Cells. *Journal of Medicinal Chemistry*, **2018**, 61, 2910-2923	8.3	16
330	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. *Biochemistry*, **2018**, 57, 839-851	3.2	16
329	Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides. *Journal of Organic Chemistry*, **2016**, 81, 11612-11625	4.2	16
328	Shading the TRF2 recruiting function: a new horizon in drug development. *Journal of the American Chemical Society*, **2014**, 136, 16708-11	16.4	16
327	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, 7431-41	8.3	16
326	A stereoselective approach to peptidomimetic BACE1 inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 70, 233-47	6.8	16
325	Selective arylsulfonamide inhibitors of ADAM-17: hit optimization and activity in ovarian cancer cell models. *Journal of Medicinal Chemistry*, **2013**, 56, 8089-103	8.3	16
324	Morphiceptin analogues containing a dipeptide mimetic structure: an investigation on the bioactive topology at the mu-receptor. *Journal of Medicinal Chemistry*, **2005**, 48, 3153-63	8.3	16
323	Recent structure-activity studies of the peptide hormone urotensin-II, a potent vasoconstrictor. *Current Medicinal Chemistry*, **2004**, 11, 969-79	4.3	16
322	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, 2305-9	3.4	16
321	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, 4730-8	8.3	16
320	Harnessing the pyrroloquinoxaline scaffold for FAAH and MAGL interaction: definition of the structural determinants for enzyme inhibition. *RSC Advances*, **2016**, 6, 64651-64664	3.7	16
319	Development of novel cyclic peptides as pro-apoptotic agents. *European Journal of Medicinal Chemistry*, **2016**, 117, 301-20	6.8	16
318	Targeting clinically-relevant metallo-β-lactamases: from high-throughput docking to broad-spectrum inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 98-109	5.6	16
317	Exploring the Role of N-Substituents in Potent Dual Acting 5'-C-Ethyltetrazolyladenosine Derivatives: Synthesis, Binding, Functional Assays, and Antinociceptive Effects in Mice ?. *Journal of Medicinal Chemistry*, **2017**, 60, 4327-4341	8.3	15
316	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	2.8	15
315	Predictive Structure-Based Toxicology Approaches To Assess the Androgenic Potential of Chemicals. *Journal of Chemical Information and Modeling*, **2017**, 57, 2874-2884	6.1	15

314	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	5.6	15
313	Discovery of Novel Potent and Selective Agonists at the Melanocortin-3 Receptor. *Journal of Medicinal Chemistry*, **2015**, 58, 9773-8	8.3	15
312	Monohydrazone Based G-Quadruplex Selective Ligands Induce DNA Damage and Genome Instability in Human Cancer Cells. *Journal of Medicinal Chemistry*, **2020**, 63, 3090-3103	8.3	15
311	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	6.8	15
310	Phenylpyrrole-based HDAC inhibitors: synthesis, molecular modeling and biological studies. *Future Medicinal Chemistry*, **2016**, 8, 1573-87	4.1	15
309	Detailed peptide profiling of Scotta from a dairy waste to a source of potential health-promoting compounds. *Dairy Science and Technology*, **2016**, 96, 763-771		15
308	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. *Analytical Chemistry*, **2016**, 88, 2327-34	7.8	15
307	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	2.8	15
306	Sirtuins and SIRT6 in Carcinogenesis and in Diet. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	15
305	tert-Butylcarbamate-containing histone deacetylase inhibitors: apoptosis induction, cytodifferentiation, and antiproliferative activities in cancer cells. *ChemMedChem*, **2013**, 8, 800-11	3.7	15
304	Structure-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	8.3	15
303	An investigation into the origin of the biased agonism associated with the urotensin II receptor activation. *Journal of Peptide Science*, **2015**, 21, 392-9	2.1	15
302	Derivatives of benzimidazol-2-ylquinoline and benzimidazol-2-ylisoquinoline as selective A1 adenosine receptor antagonists with stimulant activity on human colon motility. *ChemMedChem*, **2011**, 6, 1909-18	3.7	15
301	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, 1224-8	8.3	15
300	Design and synthesis of spirotryprostatin-inspired diketopiperazine systems from prolyl spirooxoindolethiazolidine derivatives. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 4328-37	3.4	15
299	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	6.8	15
298	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	6.8	15
297	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	8.3	15

296	Amyloid fibers deriving from the aromatic core of C-terminal domain of nucleophosmin 1. *International Journal of Biological Macromolecules*, **2019**, 122, 517-525	7.9	15
295	Intestinal Anti-Inflammatory Effect of a Peptide Derived from Gastrointestinal Digestion of Buffalo () Mozzarella Cheese. *Nutrients*, **2019**, 11,	6.7	14
294	Plasmodium falciparum subtilisin-like protease 1: discovery of potent difluorostatone-based inhibitors. *RSC Advances*, **2015**, 5, 22431-22448	3.7	14
293	Discovery of N-aryl-naphthylamines as in´vitro inhibitors of the interaction between HIV integrase and the cofactor LEDGF/p75. *European Journal of Medicinal Chemistry*, **2015**, 101, 288-94	6.8	14
292	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	6.8	14
291	Beyond radio-displacement techniques for identification of CB1 ligands: the first application of a fluorescence-quenching assay. *Scientific Reports*, **2014**, 4, 3757	4.9	14
290	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	4.3	14
289	Mimetics of suppressor of cytokine signaling 3: Novel potential therapeutics in triple breast cancer. *International Journal of Cancer*, **2018**, 143, 2177-2186	7.5	14
288	Structure-based optimization of tyrosine kinase inhibitor CLM3. Design, synthesis, functional evaluation, and molecular modeling studies. *Journal of Medicinal Chemistry*, **2014**, 57, 1225-35	8.3	14
287	Novel peptidomimetics as BACE-1 inhibitors: synthesis, molecular modeling, and biological studies. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 85-9	2.9	14
286	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	4	14
285	Identification of novel microsomal prostaglandin E synthase-1 (mPGES-1) lead inhibitors from Fragment Virtual Screening. *European Journal of Medicinal Chemistry*, **2017**, 125, 278-287	6.8	14
284	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, 10437-47	8.3	14
283	Tertiary amides with a five-membered heteroaromatic ring as new probes for the translocator protein. *European Journal of Medicinal Chemistry*, **2011**, 46, 4506-20	6.8	14
282	Binding site of loperamide: automated docking of loperamide in human mu- and delta-opioid receptors. *Chemical Biology and Drug Design*, **2008**, 71, 328-35	2.9	14
281	A novel approach to the synthesis of diaza-bridged heterocycle derivatives. *Tetrahedron*, **2006**, 62, 8083-8088	2.4	14
280	Urotensin-II receptor peptide agonists. *Medicinal Research Reviews*, **2004**, 24, 577-88	14.4	14
279	Synthesis of new Ɛturn dipeptide mimetic based on tetrahydroisoquinoline moiety. *Tetrahedron Letters*, **2002**, 43, 6297-6299	2	14

278	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	6.8	14
277	Red Propolis and Its Dyslipidemic Regulator Formononetin: Evaluation of Antioxidant Activity and Gastroprotective Effects in Rat Model of Gastric Ulcer. *Nutrients*, **2020**, 12,	6.7	14
276	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,	5.6	14
275	Annurca Apple Polyphenols Protect Murine Hair Follicles from Taxane Induced Dystrophy and Hijacks Polyunsaturated Fatty Acid Metabolism toward Oxidation. *Nutrients*, **2018**, 10,	6.7	14
274	Characterization of linear mimetic peptides of Interleukin-22 from dissection of protein interfaces. *Biochimie*, **2017**, 138, 106-115	4.6	13
273	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	4.7	13
272	Arctium lappa 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 animal-based studies. *Phytotherapy Research*, **2019**, 33, 2213-2220	6.7	13
271	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	5.7	13
270	Design, synthesis, and biological evaluation of novel 2-((2-(4-(substituted)phenylpiperazin-1-yl)ethyl)amino)-5'-N-ethylcarboxamidoadenosines as potent and selective agonists of the A2A adenosine receptor. *Journal of Medicinal Chemistry*, **2015**, 58, 3253-67	8.3	13
269	N-Methylation of isoDGR Peptides: Discovery of a Selective 51-Integrin Ligand as a Potent Tumor Imaging Agent. *Journal of Medicinal Chemistry*, **2018**, 61, 2490-2499	8.3	13
268	Nucleophosmin-1 regions associated with acute myeloid leukemia interact differently with lipid membranes. *Biochimica Et Biophysica Acta - General Subjects*, **2018**, 1862, 967-978	4	13
267	Structure-Based Design of Microsomal Prostaglandin E2 Synthase-1 (mPGES-1) Inhibitors using a Virtual Fragment Growing Optimization Scheme. *ChemMedChem*, **2016**, 11, 612-9	3.7	13
266	Development of novel selective peptidomimetics containing a boronic acid moiety, targeting the 20S proteasome as anticancer agents. *ChemMedChem*, **2014**, 9, 1801-16	3.7	13
265	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, 784-93	8.5	13
264	Antioxidant and antimicrobial properties of polyphenolic fractions from selected Moroccan red wines. *Journal of Food Science*, **2011**, 76, C1342-8	3.4	13
263	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, 5549-64	3.4	13
262	Discovery of potent nucleotide-mimicking competitive inhibitors of hepatitis C virus NS3 helicase. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 2776-9	2.9	13
261	A new efficient synthetic methodology for tetrahydroisoquinoline and tetrahydro-beta-carboline derivatives using the Pictet-Spengler reaction. *Molecular Diversity*, **2004**, 8, 427-30	3.1	13

260	Antitumor agents 4. Characterization of free radicals produced during reduction of the antitumor drug 5H-pyridophenoxazin-5-one: an EPR study. *Biochemistry*, **2003**, 42, 11924-31	3.2	13
259	Design of novel nicotinic ligands through 3D database searching. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 799-807	3.4	13
258	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. *Oncotarget*, **2016**, 7, 7866-84	3.3	13
257	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	8.3	12
256	On resin click-chemistry-mediated synthesis of novel enkephalin analogues with potent anti-nociceptive activity. *Scientific Reports*, **2019**, 9, 5771	4.9	12
255	Exploring clotrimazole-based pharmacophore: 3D-QSAR studies and synthesis of novel antiplasmodial agents. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 5412-8	2.9	12
254	Constrained Peptides with Fine-Tuned Flexibility Inhibit NF-Y Transcription Factor Assembly. *Angewandte Chemie - International Edition*, **2019**, 58, 17351-17358	16.4	12
253	From (+)-epigallocatechin gallate to a simplified synthetic analogue as a cytoadherence inhibitor for P. falciparum. *RSC Advances*, **2014**, 4, 4769-4781	3.7	12
252	Marine and semi-synthetic hydroxysteroids as new scaffolds for pregnane X receptor modulation. *Marine Drugs*, **2014**, 12, 3091-115	6	12
251	Revisiting a receptor-based pharmacophore hypothesis for human A(2A) adenosine receptor antagonists. *Journal of Chemical Information and Modeling*, **2013**, 53, 1620-37	6.1	12
250	Conformational study on cyclic melanocortin ligands and new insight into their binding mode at the MC4 receptor. *European Journal of Medicinal Chemistry*, **2011**, 46, 3721-33	6.8	12
249	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, 5205-20	8.3	12
248	Endogenous urotensin II selectively modulates erectile function through eNOS. *PLoS ONE*, **2012**, 7, e31019	3.7	12
247	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	2.8	12
246	Synthesis and Pharmacological Characterization of Conformationally Restricted Retigabine Analogues as Novel Neuronal Kv7 Channel Activators. *Journal of Medicinal Chemistry*, **2020**, 63, 163-185	8.3	12
245	Annurca Apple Polyphenols Ignite Keratin Production in Hair Follicles by Inhibiting the Pentose Phosphate Pathway and Amino Acid Oxidation. *Nutrients*, **2018**, 10,	6.7	12
244	Exploring the biological consequences of conformational changes in aspartame models containing constrained analogues of phenylalanine. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 953-63	5.6	11
243	Development of Novel Amides as Noncovalent Inhibitors of Immunoproteasomes. *ChemMedChem*, **2019**, 14, 842-852	3.7	11

242	New small molecules, ISA27 and SM13, inhibit tumour growth inducing mitochondrial effects of p53. *British Journal of Cancer*, **2015**, 112, 77-85	8.7	11
241	Lignans: Quantitative Analysis of the Research Literature. *Frontiers in Pharmacology*, **2020**, 11, 37	5.6	11
240	The Pomace Extract Taurisolo Protects Rat Brain From Ischemia-Reperfusion Injury. *Frontiers in Cellular Neuroscience*, **2020**, 14, 3	6.1	11
239	(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	8.3	11
238	A Divalent PAMAM-Based Matrix Metalloproteinase/Carbonic Anhydrase Inhibitor for the Treatment of Dry Eye Syndrome. *Chemistry - A European Journal*, **2016**, 22, 1714-21	4.8	11
237	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	8.3	11
236	New anticancer agents mimicking protein recognition motifs. *Journal of Medicinal Chemistry*, **2013**, 56, 6666-80	8.3	11
235	Human recombinant beta-secretase immobilized enzyme reactor for fast hits' selection and characterization from a virtual screening library. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 73, 131-4	3.5	11
234	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structure-Activity Relationship Studies and Pharmacological Activity. *Journal of Medicinal Chemistry*, **2017**, 60, 8115-8130	8.3	11
233	Decoration of Chondroitin Polysaccharide with Threonine: Synthesis, Conformational Study, and Ice-Recrystallization Inhibition Activity. *Biomacromolecules*, **2017**, 18, 2267-2276	6.9	11
232	Synthesis, Characterization, and DNA Binding Profile of a Macrocyclic -Sheet Analogue of ARC Protein. *ACS Medicinal Chemistry Letters*, **2015**, 6, 1220-4	4.3	11
231	Tailoring of integrin ligands: probing the charge capability of the metal ion-dependent adhesion site. *Journal of Medicinal Chemistry*, **2012**, 55, 871-82	8.3	11
230	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, 5641-53	6.8	11
229	Nutraceutical value and toxicological profile of selected red wines from Morocco. *Food Chemistry*, **2011**, 129, 792-8	8.5	11
228	Bruch mit dem Dogma metallkoordinierender Carbons ren in Integrinliganden: derung von Selektivit t und Aktivit t durch Hydroxams ren als MIDAS-Binder. *Angewandte Chemie*, **2009**, 121, 4501-4506	3.6	11
227	Urotensin II: a novel target in human corpus cavernosum. *Journal of Sexual Medicine*, **2010**, 7, 1778-86	1.1	11
226	Conformational stability of Abeta-(25-35) in the presence of thiazolidine derivatives. *Chemical Biology and Drug Design*, **2007**, 69, 111-8	2.9	11
225	Arylthiopyrrole (AThP) derivatives as non-nucleoside HIV-1 reverse transcriptase inhibitors: synthesis, structure-activity relationships, and docking studies (part 2). *ChemMedChem*, **2006**, 1, 1379-90	3.7	11

224	Approaches to Three-Dimensional Quantitative Structure-Activity Relationships. *Reviews in Computational Chemistry*, **2007**, 183-240		11
223	Conformational studies on a synthetic C-terminal fragment of the alpha subunit of G(S) proteins. *Biopolymers*, **2000**, 54, 186-94	2.2	11
222	Computer-aided structure-affinity relationships in a set of piperazine and 3,8-diazabicyclo[3.2.1]octane derivatives binding to the mu-opioid receptor. *Journal of Computer-Aided Molecular Design*, **1993**, 7, 557-71	4.2	11
221	Stabile Peptide statt gestapelte Peptide hochaffine 6-selektive Integrinliganden. *Angewandte Chemie*, **2016**, 128, 1559-1563	3.6	11
220	Identification of an indol-based derivative as potent and selective varicella zoster virus (VZV) inhibitor. *European Journal of Medicinal Chemistry*, **2016**, 124, 773-781	6.8	11
219	Antioxidant and antimicrobial properties of traditional green and purple "Napoletano" basil cultivars (Ocimum basilicum L.) from Campania region (Italy). *Natural Product Research*, **2017**, 31, 2067-2071	2.2	10
218	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	5.1	10
217	Identification of novel indole derivatives acting as inhibitors of the Keap1-Nrf2 interaction. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 1152-1157	5.6	10
216	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	4.9	10
215	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, 7938-48	8.3	10
214	Facile Baeyer Villiger oxidation of cyclic ketones: conventional versus microwave-assisted approach. *Tetrahedron Letters*, **2015**, 56, 5723-5726	2	10
213	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. *Nutrients*, **2020**, 12,	6.7	10
212	Folding intermediate states of the parallel human telomeric G-quadruplex DNA explored using Well-Tempered Metadynamics. *Scientific Reports*, **2020**, 10, 3176	4.9	10
211	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. *Nutrients*, **2020**, 12,	6.7	10
210	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,	6.7	10
209	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	6.8	10
208	Targeting multiple G-quadruplex-forming DNA sequences: Design, biophysical and biological evaluations of indolo-naphthyridine scaffold derivatives. *European Journal of Medicinal Chemistry*, **2019**, 182, 111627	6.8	10
207	Insights on pregnane-X-receptor modulation. Natural and semisynthetic steroids from Theonella marine sponges. *European Journal of Medicinal Chemistry*, **2014**, 73, 126-34	6.8	10

206	New insight into the binding mode of peptides at urotensin-II receptor by Trp-constrained analogues of P5U and urantide. *Journal of Peptide Science*, **2013**, 19, 293-300	2.1	10
205	Interactions of cisplatin analogues with lysozyme: a comparative analysis. *BioMetals*, **2017**, 30, 733-746	3.4	10
204	Carprofen analogues as sirtuin inhibitors: enzyme and cellular studies. *ChemMedChem*, **2012**, 7, 1905-8	3.7	10
203	Malaria chemotherapy: recent advances in drug development. *Recent Patents on Anti-infective Drug Discovery*, **2010**, 5, 195-225	1.6	10
202	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, 432-6	2.9	10
201	Homology modelling and docking studies on Varicella Zoster Virus Thymidine kinase. *European Journal of Medicinal Chemistry*, **2003**, 38, 413-9	6.8	10
200	Identification of cysteinyldopa-derived units in eumelanins from mammalian eyes. *FEBS Letters*, **1981**, 125, 101-3	3.8	10
199	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	6.5	10
198	Temporin L-derived peptide as a regulator of the acute inflammatory response in zymosan-induced peritonitis. *Biomedicine and Pharmacotherapy*, **2020**, 123, 109788	7.5	10
197	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	5.1	10
196	Enantiomeric 4-Acylamino-6-alkyloxy-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, 434-40	2.1	10
195	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. *Journal of Medicinal Chemistry*, **2019**, 62, 1455-1467	8.3	10
194	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	6.8	10
193	A compound-based proteomic approach discloses 15-ketoatractyligenin methyl ester as a new PPARβ partial agonist with anti-proliferative ability. *Scientific Reports*, **2017**, 7, 41273	4.9	9
192	Opioid Receptor Activity and Analgesic Potency of DPDPE Peptide Analogues Containing a Xylene Bridge. *ACS Medicinal Chemistry Letters*, **2017**, 8, 449-454	4.3	9
191	Assessing the influence of pH and cationic strength on i-motif DNA structure. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 7473-7479	4.4	9
190	Fruit-based juices: Focus on antioxidant properties-Study approach and update. *Phytotherapy Research*, **2019**, 33, 1754-1769	6.7	9
189	The Hepatoprotective Effect of Taurisolo, a Nutraceutical Enriched in Resveratrol and Polyphenols, Involves Activation of Mitochondrial Metabolism in Mice Liver. *Antioxidants*, **2020**, 9,	7.1	9

188	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, 362-70		9
187	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, 602-5	3.9	9
186	A stereoselective route to 6-substituted pyrrolo-1,5-benzoxazepinones and their analogues. *Tetrahedron Letters*, **2013**, 54, 5387-5390	2	9
185	A synthetic strategy to bridged 2,3,8-trioxabicyclo[3,3,1]nonane endoperoxides. *Tetrahedron Letters*, **2013**, 54, 1233-1235	2	9
184	SAR study and conformational analysis of a series of novel peptide G protein-coupled receptor kinase 2 inhibitors. *Biopolymers*, **2014**, 101, 121-8	2.2	9
183	N-O-isopropyl sulfonamido-based hydroxamates: kinetic characterisation of a series of MMP-12/MMP-13 dual target inhibitors. *Biochemical Pharmacology*, **2012**, 84, 813-20	6	9
182	A novel quinone-based derivative (DTNQ-Pro) induces apoptotic death via modulation of heat shock protein expression in Caco-2 cells. *British Journal of Pharmacology*, **2010**, 160, 931-40	8.6	9
181	Unprecedented synthesis of a novel amino quinone ring system via oxidative decarboxylation of quinone-based alpha,alpha-amino esters. *Organic and Biomolecular Chemistry*, **2010**, 8, 622-7	3.9	9
180	Structure-function relationships and conformational properties of alpha-MSH(6-13) analogues with candidacidal activity. *Chemical Biology and Drug Design*, **2007**, 69, 68-74	2.9	9
179	Reaction between quinone and thiazolidine. A study on the formation mechanism of new antiproliferative quinolindiones. *Tetrahedron*, **2004**, 60, 8189-8197	2.4	9
178	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	4.2	9
177	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		9
176	Occurrence of mycosporine related compounds in sea urchin eggs. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1986**, 85, 459-461		9
175	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	3.7	9
174	A Fhit-mimetic peptide suppresses annexin A4-mediated chemoresistance to paclitaxel in lung cancer cells. *Oncotarget*, **2016**, 7, 29927-36	3.3	9
173	New Insight on the Synthesis of Neurotoxins Domoic Acid and Kainic Acid. *Protein and Peptide Letters*, **2015**, 22, 696-711	1.9	9
172	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	10.8	9
171	Evaluation of the analgesic effect of 4-anilidopiperidine scaffold containing ureas and carbamates. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 1638-47	5.6	9

170	Simultaneous Targeting of RGD-Integrins and Dual Murine Double Minute Proteins in Glioblastoma Multiforme. *Journal of Medicinal Chemistry*, **2018**, 61, 4791-4809	8.3	9
169	Residence Time, a New parameter to Predict Neurosteroidogenic Efficacy of Translocator Protein (TSPO) Ligands: the Case Study of N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. *ChemMedChem*, **2017**, 12, 1275-1278	3.7	8
168	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	2	8
167	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, 132-44	6.8	8
166	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,	6.7	8
165	Challenging clinically unresponsive medullary thyroid cancer: Discovery and pharmacological activity of novel RET inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 150, 491-505	6.8	8
164	Urantide conformation and interaction with the urotensin-II receptor. *Archiv Der Pharmazie*, **2014**, 347, 185-92	4.3	8
163	The first sphingosine 1-phosphate lyase inhibitors against multiple sclerosis: a successful drug discovery tale. *Journal of Medicinal Chemistry*, **2014**, 57, 5072-3	8.3	8
162	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	8.3	8
161	Activation of the Wnt Pathway by Small Peptides: Rational Design, Synthesis and Biological Evaluation. *ChemMedChem*, **2017**, 12, 2074-2085	3.7	8
160	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, 2749-55	4.3	8
159	Synthesis of Novel Indole-Based Ring Systems by Acid-Catalysed Condensation from Amino Aldehydes and L-Trp-OMe. *European Journal of Organic Chemistry*, **2008**, 2008, 1983-1992	3.2	8
158	High affinity central benzodiazepine receptor ligands: synthesis and biological evaluation of a series of phenyltriazolobenzotriazindione derivatives. *Journal of Medicinal Chemistry*, **2005**, 48, 2936-43	8.3	8
157	Conformational analysis of the Galpha(s) protein C-terminal region. *Journal of Peptide Science*, **2002**, 8, 476-88	2.1	8
156	A structure-activity relationship study on position-2 of the Galpha(s) C-terminal peptide able to inhibit G(s) activation by A2A adenosine receptor. *European Journal of Medicinal Chemistry*, **2003**, 38, 13-8	6.8	8
155	Synthesis, antimicrobial data and correlation analysis in a set of 2-alkyl-5-amidobenzotriazoles. *European Journal of Medicinal Chemistry*, **1992**, 27, 161-166	6.8	8
154	Some new aspects on the chemistry of 1,4-benzoxazines. *Journal of Heterocyclic Chemistry*, **1985**, 22, 1021-1023	1.9	8
153	Photocatalytic Isocyanide-Based Multicomponent Domino Cascade toward the Stereoselective Formation of Iminofurans. *Journal of Organic Chemistry*, **2020**, 85, 1981-1990	4.2	8

152	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	2.9	8
151	Novel propanamides as fatty acid amide hydrolase inhibitors. *European Journal of Medicinal Chemistry*, **2017**, 136, 523-542	6.8	7
150	Development of novel multipotent compounds modulating endocannabinoid and dopaminergic systems. *European Journal of Medicinal Chemistry*, **2019**, 183, 111674	6.8	7
149	MHC class II invariant chain-adjuvanted viral vectored vaccines enhances T cell responses in humans. *Science Translational Medicine*, **2020**, 12,	17.5	7
148	Canned bluefin tuna, an in vitro cardioprotective functional food potentially safer than commercial fish oil based pharmaceutical formulations. *Food and Chemical Toxicology*, **2014**, 71, 231-5	4.7	7
147	Cyclic Biphalin Analogues Incorporating a Xylene Bridge: Synthesis, Characterization, and Biological Profile. *ACS Medicinal Chemistry Letters*, **2017**, 8, 858-863	4.3	7
146	Opposite modulation of cell migration by distinct subregions of urokinase connecting peptide. *ChemBioChem*, **2013**, 14, 882-9	3.8	7
145	Amino Acid derivatives as new zinc binding groups for the design of selective matrix metalloproteinase inhibitors. *Journal of Amino Acids*, **2013**, 2013, 178381		7
144	DTNQ-Pro, a Mimetic Dipeptide, Sensitizes Human Colon Cancer Cells to 5-Fluorouracil Treatment. *Journal of Amino Acids*, **2013**, 2013, 509056		7
143	Synthesis and pharmacological evaluation of analogs of indole-based cannabimimetic agents. *Chemical Biology and Drug Design*, **2010**, 75, 106-14	2.9	7
142	A new series of 1,3-dihidro-imidazo[1,5-c]thiazole-5,7-dione derivatives: synthesis and interaction with Abeta(25-35) amyloid peptide. *Chemical Biology and Drug Design*, **2009**, 74, 224-33	2.9	7
141	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, 5878-86	6.8	7
140	Driving forces in the delivery of penetratin conjugated G protein fragment. *Journal of Medicinal Chemistry*, **2007**, 50, 1458-64	8.3	7
139	A Critical Review of Recent CoMFA Applications **1998**, 257-315		7
138	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	6.8	7
137	Further caulerpenyne-like esters from the green algaCaulerpa prolifera. *Experientia*, **1983**, 39, 141-143		7
136	Trimeric aldolization product of 1,4-benzothiazine. *Journal of the Chemical Society Chemical Communications*, **1977**, 50		7
135	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,		7

134	HCV-targeted antivirals: current status and future challenges. *Current Pharmaceutical Design*, **2014**, 20, 3445-64	3.3	7
133	Design, synthesis and biological evaluation of novel TR selective agonists sustained by ADME-toxicity analysis. *European Journal of Medicinal Chemistry*, **2020**, 188, 112006	6.8	7
132	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	5.6	7
131	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	5.7	7
130	4-amino-6-alkyloxy-2-alkylthiopyrimidine derivatives as novel non-nucleoside agonists for the adenosine A receptor. *Chemical Biology and Drug Design*, **2016**, 88, 724-729	2.9	7
129	Rapid Screening of Antioxidant Anthocyanins in Autochthonous Nero d 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	3.4	7
128	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	4.2	7
127	Induction of Hair Keratins Expression by an Annurca Apple-Based Nutraceutical Formulation in Human Follicular Cells. *Nutrients*, **2019**, 11,	6.7	7
126	First-in-Class Cyclic Temporin L Analogue: Design, Synthesis, and Antimicrobial Assessment. *Journal of Medicinal Chemistry*, **2021**, 64, 11675-11694	8.3	7
125	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	4.9	6
124	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, 106-14	6.8	6
123	Genotoxicity Assessment of Three Nutraceuticals Containing Natural Antioxidants Extracted from Agri-Food Waste Biomasses. *Foods*, **2020**, 9,	4.9	6
122	Exploiting the Indole Scaffold to Design Compounds Binding to Different Pharmacological Targets. *Molecules*, **2020**, 25,	4.8	6
121	Disulfide Bond Replacement with 1,4- and 1,5-Disubstituted [1,2,3]-Triazole on C-X-C Chemokine Receptor Type 4 (CXCR4) Peptide Ligands: Small Changes that Make Big Differences. *Chemistry - A European Journal*, **2020**, 26, 10113-10125	4.8	6
120	Use of Integrated Computational Approaches in the Search for New Therapeutic Agents. *Molecular Informatics*, **2016**, 35, 309-25	3.8	6
119	Antifungal peptides at membrane interaction. *European Journal of Medicinal Chemistry*, **2012**, 51, 154-62	6.8	6
118	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	2.9	6
117	Novel route in the synthesis of [CH2NH] amide bond surrogate. *Tetrahedron Letters*, **2008**, 49, 731-734	2	6

116	Synthesis, pharmacological evaluation, and molecular modeling studies of novel peptidic CAAX analogues as farnesyl-protein-transferase inhibitors. *Journal of Medicinal Chemistry*, **2006**, 49, 1882-90	8.3	6
115	Synthesis of conformationally constrained □urn thiazolidine mimetic. *Tetrahedron Letters*, **2002**, 43, 1197-1199	2	6
114	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, 413-21	4.3	6
113	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	4.4	6
112	Lower rate of cardiovascular complications in patients on bolus insulin analogues: a retrospective population-based cohort study. *PLoS ONE*, **2013**, 8, e79762	3.7	6
111	From Protein Communication to Drug Discovery. *Current Topics in Medicinal Chemistry*, **2015**, 15, 2019-31	3	6
110	Potent, Efficacious, and Stable Cyclic Opioid Peptides with Long Lasting Antinociceptive Effect after Peripheral Administration. *Journal of Medicinal Chemistry*, **2020**, 63, 2673-2687	8.3	6
109	Visible-Light Photocatalytic Functionalization of Isocyanides for the Synthesis of Secondary Amides and Ketene Aminals. *Journal of Organic Chemistry*, **2020**, 85, 14077-14086	4.2	6
108	An efficient synthesis of 1-arylindazole-3-carboxamides using nitrile imines, isocyanides and 2-hydroxymethylbenzoic acid, followed by a chemoselective Buchwald□Hartwig intramolecular cyclization. *RSC Advances*, **2016**, 6, 34913-34920	3.7	6
107	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. *European Journal of Pharmaceutical Sciences*, **2020**, 149, 105337	5.1	6
106	Structure-activity studies of peptidomimetics based on kinase-inhibitory region of suppressors of cytokine signaling 1. *Peptide Science*, **2017**, 110, e23082	3	6
105	Molecular Docking for Predictive Toxicology. *Methods in Molecular Biology*, **2018**, 1800, 181-197	1.4	6
104	L□ung des Problems mangelnder oraler Verf□barkeit cyclischer Hexapeptide: Entwicklung eines selektiven, oral verf□baren Liganden f□ das Integrin □3. *Angewandte Chemie*, **2017**, 129, 16624-16629	3.6	5
103	Benzylamides and piperazinoarylamides of ibuprofen as fatty acid amide hydrolase inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 562-576	5.6	5
102	Native PAGE to study the interaction between the oncosuppressor p53 and its protein ligands. *Electrophoresis*, **2015**, 36, 552-5	3.6	5
101	Cyclotides: a natural combinatorial peptide library or a bioactive sequence player?. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 575-80	5.6	5
100	Development of Macrocyclic Peptidomimetics Containing Constrained □Dialkylated Amino Acids with Potent and Selective Activity at Human Melanocortin Receptors. *Journal of Medicinal Chemistry*, **2018**, 61, 4263-4269	8.3	5
99	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	3.4	5

98	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	6.8	5
97	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	4.2	5
96	Site-directed Mutagenesis of Key Residues Unveiled a Novel Allosteric Site on Human Adenosine Kinase for Pyrrolobenzoxa(thia)zepinone Non-Nucleoside Inhibitors. *Chemical Biology and Drug Design*, **2016**, 87, 112-20	2.9	5
95	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	2	5
94	From the pharmacophore to the homology model of the benzodiazepine receptor: the indolyglyoxylamides affair. *Current Topics in Medicinal Chemistry*, **2012**, 12, 321-32	3	5
93	Galphas protein C-terminal alpha-helix at the interface: does the plasma membrane play a critical role in the Galphas protein functionality?. *Journal of Peptide Science*, **2005**, 11, 617-26	2.1	5
92	Synthesis and antiinflammatory□analgesic profile of 1-methyl-2-(4-X-benzoyl) imidazole-5-carboxylic acids. *European Journal of Medicinal Chemistry*, **1995**, 30, 315-320	6.8	5
91	Synthesis and antimicrobial activities of 5-amidobenzotriazole derivatives. *European Journal of Medicinal Chemistry*, **1990**, 25, 343-350	6.8	5
90	Sterols of four Mediterranean hydroids. *Biochemical Systematics and Ecology*, **1985**, 13, 167-168	1.4	5
89	Combined HAT/EZH2 modulation leads to cancer-selective cell death. *Oncotarget*, **2018**, 9, 25630-25646	3.3	5
88	Molecular signaling involving intrinsically disordered proteins in prostate cancer. *Asian Journal of Andrology*, **2016**, 18, 673-81	2.8	5
87	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. *European Journal of Pharmacology*, **2021**, 897, 173936	5.3	5
86	A novel □hairpin peptide derived from the ARC repressor selectively interacts with the major groove of B-DNA. *Bioorganic Chemistry*, **2021**, 112, 104836	5.1	5
85	Studies on enantioselectivity of chiral 4-acetylamino-6-alkyloxy-2-alkylthiopyrimidines acting as antagonists of the human A adenosine receptor. *MedChemComm*, **2018**, 9, 81-86	5	5
84	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	6.8	5
83	Structure- and conformation-activity studies of nociceptin/orphanin FQ receptor dimeric ligands. *Scientific Reports*, **2017**, 7, 45817	4.9	4
82	Synthesis of dicarba-cyclooctapeptide Somatostatin analogs by conventional and MW-assisted RCM: A study about the impact of the configuration at C□ of selected amino acids. *Chemical Engineering and Processing: Process Intensification*, **2017**, 122, 365-372	3.7	4
81	Investigation of the Stereochemical-Dependent DNA and RNA Binding of Arginine-Based Nucleopeptides. *Symmetry*, **2019**, 11, 567	2.7	4

80	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: and Biological Profile. *ACS Medicinal Chemistry Letters*, **2019**, 10, 450-456	4.3	4
79	Design, synthesis and biological profile of mixed opioid agonist/N-VGCC blocker peptides. *New Journal of Chemistry*, **2018**, 42, 5656-5659	3.6	4
78	Amino Acids as Synthons in the Ugi-5-Centers-4-Components Reaction: Chemistry and Applications. *Symmetry*, **2019**, 11, 798	2.7	4
77	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, 1716-24	4.3	4
76	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, 3935-8	2.9	4
75	Design and Synthesis of Small Libraries of Peptidomimetics Based on a Thiazolidine Moiety. *Letters in Organic Chemistry*, **2006**, 3, 539-545	0.6	4
74	In vitro Bioaccessibility, Bioavailability, and Plasma Protein Interaction of New Oral Anticoagulants in the Presence of Macronutrients. *Current Pharmaceutical Biotechnology*, **2018**, 19, 982-989	2.6	4
73	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	0.9	4
72	Improved Anti-Prion Nucleic Acid Aptamers by Incorporation of Chemical Modifications. *Nucleic Acid Therapeutics*, **2020**, 30, 414-421	4.8	4
71	Structure-Activity Relationship Studies, SPR Affinity Characterization, and Conformational Analysis of Peptides That Mimic the HNK-1 Carbohydrate Epitope. *ChemMedChem*, **2017**, 12, 751-759	3.7	3
70	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, 6619-29	8.3	3
69	How are thermodynamically stable G-quadruplex uplex hybrids?. *Journal of Thermal Analysis and Calorimetry*, **2015**, 121, 1121-1127	4.1	3
68	GPBAR1 Activation by C6-Substituted Hyodeoxycholane Analogues Protect against Colitis. *ACS Medicinal Chemistry Letters*, **2020**, 11, 818-824	4.3	3
67	Structure-Activity Study of the Peptides P5U and Urantide by the Development of Analogues Containing Uncoded Amino Acids at Position 9. *ChemMedChem*, **2016**, 11, 1856-64	3.7	3
66	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	2	3
65	Von einer Helix zu einem kleinen Ring: Metadynamik-inspirierte, selektive Liganden f -Integrin. *Angewandte Chemie*, **2018**, 130, 14856-14860	3.6	3
64	Online comprehensive hydrophilic interaction chromatography eversed 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	3.5	3
63	An antibody-free strategy for screening putative HDM2 inhibitors using crude bacterial lysates expressing GST-HDM2 recombinant protein. *Drug Testing and Analysis*, **2013**, 5, 596-601	3.5	3

62	Nondenaturing polyacrylamide gel electrophoresis to study the dissociation of the p53MDM2/X complex by potentially anticancer compounds. *Electrophoresis*, **2015**, 36, 3101-4	3.6	3
61	Synthesis and gene silencing properties of siRNAs containing terminal amide linkages. *BioMed Research International*, **2014**, 2014, 901617	3	3
60	Preliminary finding on a new calcium channel entry blocker chemotype: 5,6-diamino-4-hydroxy-2-mercaptopyrimidine derivatives. *Journal of Medicinal Chemistry*, **2011**, 54, 5597-601	8.3	3
59	Synthesis of 3-phenyl-2H-1,4-benzoxazin-2-one. Revision of some structural assignments. *Journal of Heterocyclic Chemistry*, **1977**, 14, 773-775	1.9	3
58	Synthetic Strategies for Aspartic and Glutamic Acid-Proline Chimeras: A Review. *Mini-Reviews in Organic Chemistry*, **2015**, 12, 216-236	1.7	3
57	Interfering with the Tumor-Immune Interface: Making Way for Triazine-Based Small Molecules as Novel PD-L1 Inhibitors. *Journal of Medicinal Chemistry*, **2021**, 64, 16020-16045	8.3	3
56	Benzodiazepine Scaffold as Drug-like Molecular Simplification of FR235222: A Chemical Tool for Exploring HDAC Inhibition. *Current Topics in Medicinal Chemistry*, **2017**, 17, 441-459	3	3
55	Developing Cyclic Opioid Analogues: Fluorescently Labeled Bioconjugates of Biphalin. *ACS Medicinal Chemistry Letters*, **2020**, 11, 720-726	4.3	3
54	From PARP1 to TNKS2 Inhibition: A Structure-Based Approach. *ACS Medicinal Chemistry Letters*, **2020**, 11, 862-868	4.3	3
53	Cardioprotective Effects of Taurisolo in Cardiomyoblast H9c2 Cells under High-Glucose and Trimethylamine N-Oxide Treatment Sphingolipid Synthesis. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 2961406	6.7	3
52	Cold pressed argan (Argania spinose) oil **2020**, 459-465		3
51	Properly Substituted Cyclic Bis-(2-bromobenzylidene) Compounds Behaved as Dual p300/CARM1 Inhibitors and Induced Apoptosis in Cancer Cells. *Molecules*, **2020**, 25,	4.8	3
50	Harnessing interrupted Fischer in continuous flow: sustainable synthesis of (spiro)indolenine and (spiro)indoline privileged scaffolds. *Reaction Chemistry and Engineering*, **2020**, 5, 2091-2100	4.9	3
49	Preparation of Constrained Unnatural Aromatic Amino Acids via Unsaturated Diketopiperazine Intermediate. *Journal of Heterocyclic Chemistry*, **2016**, 53, 2106-2110	1.9	3
48	Effect of Annurca Apple Polyphenols on Intermittent Claudication in Patients With Peripheral Artery Disease. *American Journal of Cardiology*, **2019**, 123, 847-853	3	3
47	Studies of membranotropic and fusogenic activity of two putative HCV fusion peptides. *Biochimica Et Biophysica Acta - Biomembranes*, **2019**, 1861, 50-61	3.8	3
46	A Jocic-type approach for a practical and scalable synthesis of pyrrolonaphthoxazepine (PNOX)-based potent proapoptotic agents. *Tetrahedron Letters*, **2018**, 59, 4466-4470	2	3
45	Discovery of Pyrido[3',2':5,6]thiopyrano[4,3-]pyrimidine-Based Antiproliferative Multikinase Inhibitors. *ACS Medicinal Chemistry Letters*, **2019**, 10, 457-462	4.3	2

44	Antioxidant Properties of Four Commonly Consumed Popular Italian Dishes. *Molecules*, **2019**, 24,	4.8	2
43	HOPPI-NMR: Hot-Peptide-Based Screening Assay for Inhibitors of Protein-Protein Interactions by NMR. *ACS Medicinal Chemistry Letters*, **2020**, 11, 1047-1053	4.3	2
42	In vitro effects of protein fractions from Controne beans (Phaseolus vulgaris L. ecotype Controne) on intestinal permeability, ACE and □amylase activities. *European Food Research and Technology*, **2019**, 245, 2311-2322	3.4	2
41	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. *ChemMedChem*, **2007**, 2, 740-740	3.7	2
40	New results on the reactivity of 5,6-diamino-4-hydroxy-2-mercaptopyrimidine. *Journal of Heterocyclic Chemistry*, **2004**, 41, 883-886	1.9	2
39	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, 631-41	2.6	2
38	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	2.5	2
37	Biomimetic Synthesis of 5,6-Dihydroxyindole-2-Carboxylic Acid and of its Benzyl Ester. *Synthetic Communications*, **1987**, 17, 1815-1821	1.7	2
36	Chemical behaviour of 1,4-benzoxazine. *Journal of Heterocyclic Chemistry*, **1980**, 17, 775-776	1.9	2
35	Unusual reaction of a substituted benzothiazoline with sulphuryl chloride: formation of a 2,2?-(ethane-1,2-diylidene)bis-1,4-benzothiazine dye. *Journal of the Chemical Society Chemical Communications*, **1977**, 863-864		2
34	Synthesis of Quinolindione Derivatives Assisted by Microwave Irradiation. *Letters in Organic Chemistry*, **2005**, 2, 340-342	0.6	2
33	A new therapeutic approach to erectile dysfunction: urotensin-II receptor high affinity agonist ligands. *Asian Journal of Andrology*, **2015**, 17, 81-5	2.8	2
32	Vitex agnus-castus L.: Main Features and Nutraceutical Perspectives. *Forests*, **2020**, 11, 761	2.8	2
31	Breast Tumor Cell Invasion and Pro-Invasive Activity of Cancer-Associated Fibroblasts Co-Targeted by Novel Urokinase-Derived Decapeptides. *Cancers*, **2020**, 12,	6.6	2
30	Halting the Spread of Herpes Simplex Virus-1: The Discovery of an Effective Dual □6/□8 Integrin Ligand. *Journal of Medicinal Chemistry*, **2021**, 64, 6972-6984	8.3	2
29	Vascular Effects of the Polyphenolic Nutraceutical Supplement Taurisolo: Focus on the Protection of the Endothelial Function. *Nutrients*, **2021**, 13,	6.7	2
28	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. *European Journal of Medicinal Chemistry*, **2019**, 165, 46-58	6.8	2
27	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	8.3	2

26	In Silico Identification of Tripeptides as Lead Compounds for the Design of KOR Ligands. *Molecules*, **2021**, 26,	4.8	2
25	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	5.4	2
24	Exploiting the Nucleophilicity of the Nitrogen Atom of Imidazoles: One-Pot Three-Component Synthesis of Imidazo-Pyrazines. *Molecules*, **2019**, 24,	4.8	1
23	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	5.6	1
22	Non-hydrolytic chemoselective cleavage of Ugi tertiary amides: A mild access to N-substituted □-amino acid amides. *Tetrahedron Letters*, **2018**, 59, 1196-1199	2	1
21	DOTA-Derivatives of Octreotide Dicarba-Analogs with High Affinity for Somatostatin sst Receptors. *Frontiers in Chemistry*, **2017**, 5, 8	5	1
20	Reversible formation of cyclic 1,4-benzothiazine oligomers. *Journal of Heterocyclic Chemistry*, **1987**, 24, 1741-1743	1.9	1
19	Bioactive Compounds for the Management of Hypertriglyceridemia: Evidence From Clinical Trials and Putative Action Targets. *Frontiers in Nutrition*, **2020**, 7, 586178	6.2	1
18	Promelanogenic Effects by an Annurca Apple-Based Natural Formulation in Human Primary Melanocytes. *Clinical, Cosmetic and Investigational Dermatology*, **2021**, 14, 291-301	2.9	1
17	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	8.3	1
16	Taurisolo□ , a Grape Pomace Polyphenol Nutraceutical Reducing the Levels of Serum Biomarkers Associated With Atherosclerosis. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 697272	5.4	1
15	Synthetic studies toward bicyclic endoperoxides presenting polar side chains. *Tetrahedron Letters*, **2018**, 59, 4330-4333	2	1
14	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	4.9	1
13	Design, Synthesis, Biological Activity, and Structural Analysis of Lactam-Constrained PTPRJ Agonist Peptides. *ChemMedChem*, **2018**, 13, 1673-1680	3.7	0
12	Combined Use of Factorial Design and Comparative Molecular Field Analysis (CoMFA): a Case Study. *QSAR and Combinatorial Science*, **1994**, 13, 249-261		0
11	A Round Trip from Medicinal Chemistry to Predictive Toxicology. *Methods in Molecular Biology*, **2016**, 1425, 461-73	1.4	
10	Response to Keith Re: "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*, **2019**, 22, 1303-1304	2.8	
9	Identification of an acetal derivative of the piperonyl methyl ketone in tablets seized for suspected drug trafficking. *Forensic Toxicology*, **2014**, 32, 311-316	2.6	

8	A regioselective approach toward the synthesis of pharmacologically important quinone-containing heterocyclic systems. *Tetrahedron Letters*, **2009**, 50, 6869-6871	2
7	A New Approach to the Synthesis of Policyclic Dipeptide Derivatives as Potential Antitumoral Agents **2006**, 353-354	
6	New Urotensin-II Analogs Modified at Position 4 **2006**, 437-438	
5	Combinatorial Approach in the Synthesis of a Small Library of Turn Structures Based on Thiazolidine Moiety **2006**, 112-113	
4	Efficient Synthesis in Solid-Phase of Freidinger-like Lactams by Microwave Irradiation **2006**, 76-77	
3	Free protein amino acids of some Mediterranean Siphonales. *Biochemical Systematics and Ecology*, **1984**, 12, 19-21	1.4
2	New Urotensin-II Analogs with a Constrained Trp-7 Side Chain **2006**, 439-440	
1	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	0.9