Luciana Marinelli

List of Publications by Year
in descending order

137 papers	5,296 citations	66234 42 h-index	123241 61 g-index
145 all docs	145 docs citations	145 times ranked	7629 citing authors

#	Article	IF	Citations
1	Molecular basis of cyclooxygenase enzymes (COXs) selective inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5411-5416.	3.3	187
2	The Gâ€Triplex DNA. Angewandte Chemie - International Edition, 2013, 52, 2269-2273.	7.2	133
3	Docking Studies on Î±vÎ²3 Integrin Ligands:â€‰ Pharmacophore Refinement and Implications for Drug Design. Journal of Medicinal Chemistry, 2003, 46, 4393-4404.	2.9	116
4	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. Journal of the American Chemical Society, 2010, 132, 6425-6433.	6.6	111
5	Sampling protein motion and solvent effect during ligand binding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1467-1472.	3.3	100
6	Characterizing the 1,4-Dihydropyridines Binding Interactions in the L-Type Ca2+Channel:Â Model Construction and Docking Calculations. Journal of Medicinal Chemistry, 2007, 50, 1504-1513.	2.9	95
7	Probing Integrin Selectivity: Rational Design of Highly Active and Selective Ligands for the Î±5Î²1 and Î±vÎ²3 Integrin Receptor. Angewandte Chemie - International Edition, 2007, 46, 3571-3574.	7.2	95
8	Identification of 5-arylidene-4-thiazolidinone derivatives endowed with dual activity as aldose reductase inhibitors and antioxidant agents for the treatment of diabetic complications. European Journal of Medicinal Chemistry, 2011, 46, 2797-2806.	2.6	94
9	Design, Synthesis, and Functionalization of Dimeric Peptides Targeting Chemokine Receptor CXCR4. Journal of Medicinal Chemistry, 2011, 54, 7648-7662.	2.9	93
10	Tandem Application of Virtual Screening and NMR Experiments in the Discovery of Brand New DNA Quadruplex Groove Binders. Journal of the American Chemical Society, 2009, 131, 16336-16337.	6.6	86
11	Novel Bifunctional Quinolonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors:â€‰ Design, Synthesis, Biological Activities, and Mechanism of Action. Journal of Medicinal Chemistry, 2006, 49, 1939-1945.	2.9	82
12	Ligand Binding Analysis for Human Î±5Î²1 Integrin:Â Strategies for Designing New Î±5Î²1 Integrin Antagonists. Journal of Medicinal Chemistry, 2005, 48, 4204-4207.	2.9	77
13	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. Scientific Reports, 2015, 5, 9956.	1.6	77
14	Conformational Control of Integrinâ€Subtype Selectivity in isoDGR Peptide Motifs: A Biological Switch. Angewandte Chemie - International Edition, 2010, 49, 9278-9281.	7.2	76
15	Design, Synthesis, and Biological Evaluation of Novel Aminobisphosphonates Possessing an in Vivo Antitumor Activity Through a Î³Î´-T Lymphocytes-Mediated Activation Mechanism. Journal of Medicinal Chemistry, 2008, 51, 6800-6807.	2.9	70
16	Multiple N-Methylation by a Designed Approach Enhances Receptor Selectivity. Journal of Medicinal Chemistry, 2007, 50, 5878-5881.	2.9	68
17	Rational Improvement of the Affinity and Selectivity of Integrin Binding of Grafted Lasso Peptides. Journal of Medicinal Chemistry, 2014, 57, 5829-5834.	2.9	68
18	Biselectivity of isoDGR Peptides for Fibronectin Binding Integrin Subtypes Î±5Î²1 and Î±vÎ²6: Conformational Control through Flanking Amino Acids. Journal of Medicinal Chemistry, 2013, 56, 1509-1519.	2.9	67

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19	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. Oncotarget, 2016, 7, 20636-20654.	0.8	66
20	Imidazo[2,1-b]thiazole System: A Scaffold Endowing Dihydropyridines with Selective Cardiodepressant Activity. Journal of Medicinal Chemistry, 2008, 51, 1592-1600.	2.9	65
21	Dihydrotanshinone-I interferes with the RNA-binding activity of HuR affecting its post-transcriptional function. Scientific Reports, 2015, 5, 16478.	1.6	65
22	Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527.	6.5	64
23	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	1.6	62
24	N-O-Isopropyl Sulfonamido-Based Hydroxamates: Design, Synthesis and Biological Evaluation of Selective Matrix Metalloproteinase-13 Inhibitors as Potential Therapeutic Agents for Osteoarthritis. Journal of Medicinal Chemistry, 2009, 52, 4757-4773.	2.9	60
25	Stable Peptides Instead of Stapled Peptides: Highly Potent Î±vÎ²6â€Selective Integrin Ligands. Angewandte Chemie - International Edition, 2016, 55, 1535-1539.	7.2	59
26	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. Oncotarget, 2017, 8, 77110-77120.	0.8	59
27	Conformational Analysis of Furanoid Îµ-Sugar Amino Acid Containing Cyclic Peptides by NMR Spectroscopy, Molecular Dynamics Simulation, and X-ray Crystallography:Â Evidence for a Novel Turn Structure. Journal of the American Chemical Society, 2003, 125, 10822-10829.	6.6	56
28	Human Integrin Î±vÎ²5:Â Homology Modeling and Ligand Binding. Journal of Medicinal Chemistry, 2004, 47, 4166-4177.	2.9	55
29	Increasing Î±vÎ²3 Selectivity of the Antiâ€Angiogenic Drug Cilengitide by Nâ€Methylation. Angewandte Chemie - International Edition, 2011, 50, 9496-9500.	7.2	54
30	Shooting for Selective Druglike G-Quadruplex Binders: Evidence for Telomeric DNA Damage and Tumor Cell Death. Journal of Medicinal Chemistry, 2012, 55, 9785-9792.	2.9	53
31	Basic Quinolinonyl Diketo Acid Derivatives as Inhibitors of HIV Integrase and their Activity against RNase H Function of Reverse Transcriptase. Journal of Medicinal Chemistry, 2014, 57, 3223-3234.	2.9	51
32	New Indole Tubulin Assembly Inhibitors Cause Stable Arrest of Mitotic Progression, Enhanced Stimulation of Natural Killer Cell Cytotoxic Activity, and Repression of Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2015, 58, 5789-5807.	2.9	51
33	NovelN²-Substituted Pyrazolo[3,4-d]pyrimidine Adenosine A₃Receptor Antagonists: Inhibition of A₃-Mediated Human Glioblastoma Cell Proliferation^{â€}. Journal of Medicinal Chemistry, 2010, 53, 3954-3963.	2.9	50
34	Exploring the Chemical Space of G-Quadruplex Binders: Discovery of a Novel Chemotype Targeting the Human Telomeric Sequence. Journal of Medicinal Chemistry, 2013, 56, 9646-9654.	2.9	48
35	A Novel Cell-Permeable, Selective, and Noncompetitive Inhibitor of KAT3 Histone Acetyltransferases from a Combined Molecular Pruning/Classical Isosterism Approach. Journal of Medicinal Chemistry, 2015, 58, 2779-2798.	2.9	48
36	Acetic Acid Aldose Reductase Inhibitors Bearing a Five-Membered Heterocyclic Core with Potent Topical Activity in a Visual Impairment Rat Model. Journal of Medicinal Chemistry, 2008, 51, 3182-3193.	2.9	47

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37	Protein Flexibility in Virtual Screening: The BACE-1 Case Study. Journal of Chemical Information and Modeling, 2012, 52, 2697-2704.	2.5	47
38	Discovery of Covalent Inhibitors of Glyceraldehyde-3-phosphate Dehydrogenase, A Target for the Treatment of Malaria. Journal of Medicinal Chemistry, 2014, 57, 7465-7471.	2.9	47
39	Probiotic species in the modulation of the anticancer immune response. Seminars in Cancer Biology, 2017, 46, 182-190.	4.3	47
40	Novel Quinolinonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors: Design, Synthesis, and Biological Activities. Journal of Medicinal Chemistry, 2008, 51, 4744-4750.	2.9	45
41	New Insight into the Central Benzodiazepine Receptorâ€“Ligand Interactions: Design, Synthesis, Biological Evaluation, and Molecular Modeling of 3-Substituted 6-Phenyl-4H-imidazo[1,5-a][1,4]benzodiazepines and Related Compounds. Journal of Medicinal Chemistry, 2011, 54, 5694-5711.	2.9	45
42	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3Î±. Journal of Medicinal Chemistry, 2012, 55, 4407-4424.	2.9	45
43	A Conformationally Frozen Peptoid Boosts CXCR4 Affinity and Antiâ€HIV Activity. Angewandte Chemie - International Edition, 2012, 51, 8110-8113.	7.2	45
44	Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. ACS Chemical Neuroscience, 2017, 8, 100-114.	1.7	45
45	Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. Nature Communications, 2020, 11, 3848.	5.8	44
46	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 667-678.	1.6	43
47	Phenylpyrazolo[1,5-a]quinazolin-5(4H)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 7458-7462.	2.9	43
48	Progresses in the pursuit of aldose reductase inhibitors: The structure-based lead optimization step. European Journal of Medicinal Chemistry, 2012, 51, 216-226.	2.6	41
49	Structureâ€“Activity Relationship Refinement and Further Assessment of 4-Phenylquinazoline-2-carboxamide Translocator Protein Ligands as Antiproliferative Agents in Human Glioblastoma Tumors. Journal of Medicinal Chemistry, 2014, 57, 2413-2428.	2.9	41
50	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. Scientific Reports, 2015, 5, 15453.	1.6	41
51	Structure-Based Lead Optimization and Biological Evaluation of BAX Direct Activators as Novel Potential Anticancer Agents. Journal of Medicinal Chemistry, 2015, 58, 2135-2148.	2.9	41
52	State-of-the-Art Methodologies for the Discovery and Characterization of DNA G-Quadruplex Binders. Current Pharmaceutical Design, 2012, 18, 1880-1899.	0.9	40
53	Design, Synthesis, and Biological Evaluation of 1-Phenylpyrazolo[3,4-e]pyrrolo[3,4-g]indolizine-4,6(1H,5H)-diones as New Glycogen Synthase Kinase-3Î² Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 10066-10078.	2.9	39
54	Interfering with HuRâ€“RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1483-1498.	2.9	39

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55	Boosting Fmoc Solid-Phase Peptide Synthesis by Ultrasonication. Organic Letters, 2019, 21, 6378-6382.	2.4	39
56	Homology Modeling of NR2B Modulatory Domain of NMDA Receptor and Analysis of Ifenprodil Binding. ChemMedChem, 2007, 2, 1498-1510.	1.6	38
57	Ethyl 8-Fluoro-6-(3-nitrophenyl)-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate as Novel, Highly Potent, and Safe Antianxiety Agent. Journal of Medicinal Chemistry, 2008, 51, 4730-4743.	2.9	38
58	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2013, 62, 379-394.	2.6	38
59	N-Substituted Quinolinonyl Diketo Acid Derivatives as HIV Integrase Strand Transfer Inhibitors and Their Activity against RNase H Function of Reverse Transcriptase. Journal of Medicinal Chemistry, 2015, 58, 4610-4623.	2.9	38
60	Potent Arylsulfonamide Inhibitors of Tumor Necrosis Factor-Î± Converting Enzyme Able to Reduce Activated Leukocyte Cell Adhesion Molecule Shedding in Cancer Cell Models. Journal of Medicinal Chemistry, 2010, 53, 2622-2635.	2.9	37
61	Pursuing Aldose Reductase Inhibitors through in Situ Cross-Docking and Similarity-Based Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 5578-5581.	2.9	36
62	Synthesis and biological evaluation in U87MG glioma cells of (ethynylthiophene)sulfonamido-based hydroxamates as matrix metalloproteinase inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 2617-2629.	2.6	36
63	Breaking the Dogma of the Metalâ€Coordinating Carboxylate Group in Integrin Ligands: Introducing Hydroxamic Acids to the MIDAS To Tune Potency and Selectivity. Angewandte Chemie - International Edition, 2009, 48, 4436-4440.	7.2	35
64	Pharmacophoric Modifications Lead to Superpotent Î±vÎ²3 Integrin Ligands with Suppressed Î±5Î²1 Activity. Journal of Medicinal Chemistry, 2014, 57, 3410-3417.	2.9	35
65	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. Nature Chemical Biology, 2015, 11, 280-286.	3.9	35
66	The ring residue proline 8 is crucial for the thermal stability of the lasso peptide caulosegnin II. Molecular BioSystems, 2016, 12, 1106-1109.	2.9	35
67	Ligand Based Approach to L-Type Calcium Channel by Imidazo[2,1-b]thiazole-1,4-Dihydropyridines: from Heart Activity to Brain Affinity. Journal of Medicinal Chemistry, 2013, 56, 3866-3877.	2.9	34
68	p53 Functional Inhibitors Behaving Like Pifithrin-Î² Counteract the Alzheimer Peptide Non-Î²-amyloid Component Effects in Human SH-SY5Y Cells. ACS Chemical Neuroscience, 2014, 5, 390-399.	1.7	34
69	Annurca (Malus pumila Miller cv. Annurca) apple as a functional food for the contribution to a healthy balance of plasma cholesterol levels: results of a randomized clinical trial. Journal of the Science of Food and Agriculture, 2017, 97, 2107-2115.	1.7	34
70	Selective Targeting of Integrin Î±vÎ²8 by a Highly Active Cyclic Peptide. Journal of Medicinal Chemistry, 2019, 62, 2024-2037.	2.9	33
71	Syntheses, Biological Evaluation, and Molecular Modeling of18F-Labeled 4-Anilidopiperidines as Î¼-Opioid Receptor Imaging Agents. Journal of Medicinal Chemistry, 2005, 48, 7720-7732.	2.9	32
72	Deepening the Topology of the Translocator Protein Binding Site by Novel N,N-Dialkyl-2-arylindol-3-ylglyoxylamides. Journal of Medicinal Chemistry, 2015, 58, 6081-6092.	2.9	31

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73	Overcoming the Lack of Oral Availability of Cyclic Hexapeptides: Design of a Selective and Orally Available Ligand for the Integrinâ€…Î±vÎ²3. Angewandte Chemie - International Edition, 2017, 56, 16405-16409.	7.2	30
74	Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. ChemMedChem, 2012, 7, 1623-1634.	1.6	29
75	3-Aryl-[1,2,4]triazino[4,3-a]benzimidazol-4(10H)-one: A Novel Template for the Design of Highly Selective A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 1490-1499.	2.9	28
76	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. Bioorganic and Medicinal Chemistry, 2015, 23, 7053-7060.	1.4	28
77	Lead Optimization of 2-Phenylindolylglyoxylyldipeptide Murine Double Minute (MDM)2/Translocator Protein (TSPO) Dual Inhibitors for the Treatment of Gliomas. Journal of Medicinal Chemistry, 2016, 59, 4526-4538.	2.9	28
78	Identification of Anxiolytic/Nonsedative Agents among Indol-3-ylglyoxylamides Acting as Functionally Selective Agonists at the Î³-Aminobutyric Acid-A (GABA_A) Î±₂ Benzodiazepine Receptor. Journal of Medicinal Chemistry, 2009, 52, 3723-3734.	2.9	27
79	Non-Nucleoside Inhibitors of Human Adenosine Kinase: Synthesis, Molecular Modeling, and Biological Studies. Journal of Medicinal Chemistry, 2011, 54, 1401-1420.	2.9	27
80	Exploring the N-Terminal Region of C-X-C Motif Chemokine 12 (CXCL12): Identification of Plasma-Stable Cyclic Peptides As Novel, Potent C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonists. Journal of Medicinal Chemistry, 2016, 59, 8369-8380.	2.9	26
81	From a Helix to a Small Cycle: Metadynamicsâ€inspired Î±vÎ²6 Integrin Selective Ligands. Angewandte Chemie - International Edition, 2018, 57, 14645-14649.	7.2	26
82	A more detailed picture of the interactions between virtual screening-derived hits and the DNA G-quadruplex: NMR, molecular modelling and ITC studies. Biochimie, 2011, 93, 1280-1287.	1.3	25
83	Identification of novel molecular scaffolds for the design of MMP-13 inhibitors: A first round of lead optimization. European Journal of Medicinal Chemistry, 2012, 47, 143-152.	2.6	25
84	Urotensin-II Receptor Ligands. From Agonist to Antagonist Activity. Journal of Medicinal Chemistry, 2005, 48, 7290-7297.	2.9	24
85	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2012, 55, 10523-10531.	2.9	24
86	Shading the TRF2 Recruiting Function: A New Horizon in Drug Development. Journal of the American Chemical Society, 2014, 136, 16708-16711.	6.6	23
87	Ligand-Based NMR Study of C-X-C Chemokine Receptor Type 4 (CXCR4)â€“Ligand Interactions on Living Cancer Cells. Journal of Medicinal Chemistry, 2018, 61, 2910-2923.	2.9	22
88	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 85-99.	1.7	22
89	Simultaneous Targeting of RGD-Integrins and Dual Murine Double Minute Proteins in Glioblastoma Multiforme. Journal of Medicinal Chemistry, 2018, 61, 4791-4809.	2.9	22
90	Structureâ^'Activity Relationship Studies Optimizing the Antiproliferative Activity of Novel Cyclic Somatostatin Analogues Containing a Restrained Cyclic Î²-Amino Acidâ€. Journal of Medicinal Chemistry, 2005, 48, 2916-2926.	2.9	21

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91	Beyond radio-displacement techniques for Identification of CB1 Ligands: The First Application of a Fluorescence-quenching Assay. Scientific Reports, 2014, 4, 3757.	1.6	21
92	A Healthy Balance of Plasma Cholesterol by a Novel Annurca Apple-Based Nutraceutical Formulation: Results of a Randomized Trial. Journal of Medicinal Food, 2017, 20, 288-300.	0.8	21
93	Structureâ€“Activity Relationships and Biological Characterization of a Novel, Potent, and Serum Stable C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonist. Journal of Medicinal Chemistry, 2017, 60, 9641-9652.	2.9	21
94	Receptorâ€Bound Conformation of Cilengitide Better Represented by Its Solutionâ€State Structure than the Solidâ€State Structure. Chemistry - A European Journal, 2014, 20, 14201-14206.	1.7	20
95	Clickâ€Chemistry (CuAAC) Trimerization of an Î±_vÎ²₆ Integrin Targeting Gaâ€68â€Peptide: Enhanced Contrast for inâ€Vivo PET Imaging of Human Lung Adenocarcinoma Xenografts. ChemBioChem, 2020, 21, 2836-2843.	1.3	20
96	Selective Arylsulfonamide Inhibitors of ADAM-17: Hit Optimization and Activity in Ovarian Cancer Cell Models. Journal of Medicinal Chemistry, 2013, 56, 8089-8103.	2.9	19
97	Locking PDK1 in DFG-out conformation through 2-oxo-indole containing molecules: Another tools to fight glioblastoma. European Journal of Medicinal Chemistry, 2016, 118, 47-63.	2.6	19
98	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structureâ€“Activity Relationship Studies and Pharmacological Activity. Journal of Medicinal Chemistry, 2017, 60, 8115-8130.	2.9	19
99	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3. Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies.. Journal of Medicinal Chemistry, 2014, 57, 1225-1235.	2.9	18
100	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. European Journal of Medicinal Chemistry, 2015, 90, 526-536.	2.6	18
101	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. Analytical Chemistry, 2016, 88, 2327-2334.	3.2	18
102	N-Methylation of isoDGR Peptides: Discovery of a Selective Î±5Î²1-Integrin Ligand as a Potent Tumor Imaging Agent. Journal of Medicinal Chemistry, 2018, 61, 2490-2499.	2.9	18
103	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. Journal of Medicinal Chemistry, 2019, 62, 1455-1467.	2.9	18
104	A stereoselective approach to peptidomimetic BACE1 inhibitors. European Journal of Medicinal Chemistry, 2013, 70, 233-247.	2.6	17
105	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. Oncotarget, 2016, 7, 7866-7884.	0.8	17
106	Design, synthesis and biological evaluation of novel TRÎ² selective agonists sustained by ADME-toxicity analysis. European Journal of Medicinal Chemistry, 2020, 188, 112006.	2.6	16
107	Interfering with the Tumorâ€“Immune Interface: Making Way for Triazine-Based Small Molecules as Novel PD-L1 Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 16020-16045.	2.9	16
108	Synthesis, Molecular Modeling, and Opioid Receptor Affinity of 9,10-Diazatricyclo[4.2.1.12,5]decanes and 2,7-Diazatricyclo[4.4.0.03,8]decanes Structurally Related to 3,8-Diazabicyclo[3.2.1]octanes. Journal of Medicinal Chemistry, 2000, 43, 2115-2123.	2.9	15

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109	Designed Beta-Turn Mimic Based on the Allylic-Strain Concept: Evaluation of Structural and Biological Features by Incorporation into a Cyclic RGD Peptide (Cyclo(-L-arginylglycyl-L--aspartyl-)). Helvetica Chimica Acta, 2002, 85, 4442-4452.	1.0	15
110	Specific Targeting of Highly Conserved Residues in the HIV-1 Reverse Transcriptase Primer Grip Region. 2. Stereoselective Interaction to Overcome the Effects of Drug Resistant Mutations. Journal of Medicinal Chemistry, 2009, 52, 1224-1228.	2.9	15
111	Novel peptidomimetics as BACE-1 inhibitors: Synthesis, molecular modeling, and biological studies. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 85-89.	1.0	15
112	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. European Journal of Pharmaceutical Sciences, 2020, 149, 105337.	1.9	15
113	New 2-Heterocyclyl-imidazo[2,1-i]purin-5-one Derivatives as Potent and Selective Human A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2011, 54, 5205-5220.	2.9	14
114	Human recombinant beta-secretase immobilized enzyme reactor for fast hitsâ€™ selection and characterization from a virtual screening library. Journal of Pharmaceutical and Biomedical Analysis, 2013, 73, 131-134.	1.4	14
115	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to Î±vÎ²3, Î±vÎ²6, or Î±5Î²1 integrins. Biomaterials, 2021, 271, 120754.	5.7	14
116	N-O-Isopropyl sulfonamido-based hydroxamates: Kinetic characterisation of a series of MMP-12/MMP-13 dual target inhibitors. Biochemical Pharmacology, 2012, 84, 813-820.	2.0	13
117	Chemical modifications in the seed region of miRNAs 221/222 increase the silencing performances in gastrointestinal stromal tumor cells. European Journal of Medicinal Chemistry, 2016, 111, 15-25.	2.6	13
118	Challenging clinically unresponsive medullary thyroid cancer: Discovery and pharmacological activity of novel RET inhibitors. European Journal of Medicinal Chemistry, 2018, 150, 491-505.	2.6	13
119	Tailoring of Integrin Ligands: Probing the Charge Capability of the Metal Ion-Dependent Adhesion Site. Journal of Medicinal Chemistry, 2012, 55, 871-882.	2.9	12
120	Water-Soluble Pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidines as Human A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 5380-5390.	2.9	11
121	Stabile Peptide statt â€œgestapelte Peptideâ€• hochaffine Î±vÎ²6â€selektive Integrinliganden. Angewandte Chemie, 2016, 128, 1559-1563.	1.6	11
122	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. European Journal of Pharmacology, 2021, 897, 173936.	1.7	11
123	HuR-targeted agents: An insight into medicinal chemistry, biophysical, computational studies and pharmacological effects on cancer models. Advanced Drug Delivery Reviews, 2022, 181, 114088.	6.6	11
124	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. Bioorganic and Medicinal Chemistry, 2018, 26, 2539-2550.	1.4	10
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.	1.9	10
126	Disulfide Bond Replacement with 1,4â€•and 1,5â€Disubstituted [1,2,3]â€Triazole on Câ€Xâ€C Chemokine Receptor Type 4 (CXCR4) Peptide Ligands: Small Changes that Make Big Differences. Chemistry - A European Journal, 2020, 26, 10113-10125.	1.7	10

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127	Halting the Spread of Herpes Simplex Virus-1: The Discovery of an Effective Dual Î±vÎ²6/Î±vÎ²8 Integrin Ligand. Journal of Medicinal Chemistry, 2021, 64, 6972-6984.	2.9	9
128	Novel Peptide-Based PET Probe for Non-invasive Imaging of C-X-C Chemokine Receptor Type 4 (CXCR4) in Tumors. Journal of Medicinal Chemistry, 2021, 64, 3449-3461.	2.9	8
129	Siteâ€directed Mutagenesis of Key Residues Unveiled a Novel Allosteric Site on Human Adenosine Kinase for Pyrrolobenzoxa(thia)zepinone Nonâ€Nucleoside Inhibitors. Chemical Biology and Drug Design, 2016, 87, 112-120.	1.5	6
130	From the Pharmacophore to the Homology Model of the Benzodiazepine Receptor: The Indolyglyoxylamides Affair. Current Topics in Medicinal Chemistry, 2012, 12, 321-332.	1.0	5
131	LÃ¶sung des Problems mangelnder oraler VerfÃ¼gbarkeit cyclischer Hexapeptide: Entwicklung eines selektiven, oral verfÃ¼gbaren Liganden fÃ¼r das Integrinâ€…Î±vÎ²3. Angewandte Chemie, 2017, 129, 16624-16629.	1.6	5
132	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	2.6	5
133	Von einer Helix zu einem kleinen Ring: Metadynamikâ€inspirierte, selektive Liganden fÃ¼r Î±vÎ²6â€Integrin. Angewandte Chemie, 2018, 130, 14856-14860.	1.6	3
134	Highly Selective Cyclic Hexapeptides Antagonist of GPIIb-IIIa by Multiple N-Methylation. Advances in Experimental Medicine and Biology, 2009, 611, 209-210.	0.8	3
135	Synthesis and NMR Structure of Peptidomimetic Î±4Î²7-Integrin Antagonists. ChemBioChem, 2002, 3, 575.	1.3	2
136	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 740-740.	1.6	2
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