Luciana Marinelli

List of Publications by Year
in descending order

137 papers	5,296 citations	66343 42 h-index	123424 61 g-index
145 all docs	145 docs citations	145 times ranked	7629 citing authors

#	Article	IF	Citations
1	HuR-targeted agents: An insight into medicinal chemistry, biophysical, computational studies and pharmacological effects on cancer models. Advanced Drug Delivery Reviews, 2022, 181, 114088.	13.7	11
2	Temozolomide-Acquired Resistance Is Associated with Modulation of the Integrin Repertoire in Glioblastoma, Impact of Î±5Î²1 Integrin. Cancers, 2022, 14, 369.	3.7	2
3	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.	6.4	8
4	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. European Journal of Pharmacology, 2021, 897, 173936.	3.5	11
5	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.	11.4	14
6	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.	6.4	9
7	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.	6.4	16
8	Design, synthesis and biological evaluation of novel TRÎ² selective agonists sustained by ADME-toxicity analysis. European Journal of Medicinal Chemistry, 2020, 188, 112006.	5.5	16
9	Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. Nature Communications, 2020, 11, 3848.	12.8	44
10	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.	2.6	20
11	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.	3.3	10
12	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. European Journal of Pharmaceutical Sciences, 2020, 149, 105337.	4.0	15
13	Boosting Fmoc Solid-Phase Peptide Synthesis by Ultrasonication. Organic Letters, 2019, 21, 6378-6382.	4.6	39
14	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.	4.1	10
15	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. Journal of Medicinal Chemistry, 2019, 62, 1455-1467.	6.4	18
16	Selective Targeting of Integrin Î±vÎ²8 by a Highly Active Cyclic Peptide. Journal of Medicinal Chemistry, 2019, 62, 2024-2037.	6.4	33
17	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. European Journal of Medicinal Chemistry, 2019, 165, 46-58.	5.5	5
18	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.	6.4	22

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19	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.	6.4	18
20	Challenging clinically unresponsive medullary thyroid cancer: Discovery and pharmacological activity of novel RET inhibitors. European Journal of Medicinal Chemistry, 2018, 150, 491-505.	5.5	13
21	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.	3.0	10
22	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.	6.4	39
23	From a Helix to a Small Cycle: Metadynamicsâ€Inspired Î±vÎ²6 Integrin Selective Ligands. Angewandte Chemie - International Edition, 2018, 57, 14645-14649.	13.8	26
24	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 85-99.	3.5	22
25	Simultaneous Targeting of RGD-Integrins and Dual Murine Double Minute Proteins in Glioblastoma Multiforme. Journal of Medicinal Chemistry, 2018, 61, 4791-4809.	6.4	22
26	Von einer Helix zu einem kleinen Ring: Metadynamikâ€inspirierte, selektive Liganden fÃ¼r Î±vÎ²6â€Integrin. Angewandte Chemie, 2018, 130, 14856-14860.	2.0	3
27	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.	1.5	21
28	Regulation of HuR structure and function by dihydrotanshinone-I. Nucleic Acids Research, 2017, 45, 9514-9527.	14.5	64
29	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.	13.8	30
30	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.	2.0	5
31	Probiotic species in the modulation of the anticancer immune response. Seminars in Cancer Biology, 2017, 46, 182-190.	9.6	47
32	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.	6.4	19
33	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.	6.4	21
34	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.	3.5	45
35	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.	3.5	34
36	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. Oncotarget, 2017, 8, 77110-77120.	1.8	59

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37	Stabile Peptide statt â€œgestapelte Peptideâ€• hochaffine Î±vÎ²6â€selektive Integrinliganden. Angewandte Chemie, 2016, 128, 1559-1563.	2.0	11
38	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.	6.4	28
39	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.	5.5	19
40	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.	6.4	26
41	Stable Peptides Instead of Stapled Peptides: Highly Potent Î±vÎ²6â€Selective Integrin Ligands. Angewandte Chemie - International Edition, 2016, 55, 1535-1539.	13.8	59
42	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. Analytical Chemistry, 2016, 88, 2327-2334.	6.5	18
43	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.	3.2	6
44	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
45	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.	5.5	13
46	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. Oncotarget, 2016, 7, 7866-7884.	1.8	17
47	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. Oncotarget, 2016, 7, 20636-20654.	1.8	66
48	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. Scientific Reports, 2015, 5, 15453.	3.3	41
49	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. Scientific Reports, 2015, 5, 9956.	3.3	77
50	Dihydrotanshinone-I interferes with the RNA-binding activity of HuR affecting its post-transcriptional function. Scientific Reports, 2015, 5, 16478.	3.3	65
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.	6.4	41
52	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.	6.4	31
53	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.	6.4	51
54	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.	6.4	48

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55	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.	6.4	38
56	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. Nature Chemical Biology, 2015, 11, 280-286.	8.0	35
57	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. Bioorganic and Medicinal Chemistry, 2015, 23, 7053-7060.	3.0	28
58	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.	5.5	18
59	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.	6.4	51
60	Shading the TRF2 Recruiting Function: A New Horizon in Drug Development. Journal of the American Chemical Society, 2014, 136, 16708-16711.	13.7	23
61	Discovery of Covalent Inhibitors of Glyceraldehyde-3-phosphate Dehydrogenase, A Target for the Treatment of Malaria. Journal of Medicinal Chemistry, 2014, 57, 7465-7471.	6.4	47
62	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.	6.4	41
63	Pharmacophoric Modifications Lead to Superpotent Î±vÎ²3 Integrin Ligands with Suppressed Î±5Î²1 Activity. Journal of Medicinal Chemistry, 2014, 57, 3410-3417.	6.4	35
64	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.	3.5	34
65	Rational Improvement of the Affinity and Selectivity of Integrin Binding of Grafted Lasso Peptides. Journal of Medicinal Chemistry, 2014, 57, 5829-5834.	6.4	68
66	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3. Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies.. Journal of Medicinal Chemistry, 2014, 57, 1225-1235.	6.4	18
67	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.	3.3	20
68	Beyond radio-displacement techniques for Identification of CB1 Ligands: The First Application of a Fluorescence-quenching Assay. Scientific Reports, 2014, 4, 3757.	3.3	21
69	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. Scientific Reports, 2014, 4, 4749.	3.3	62
70	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.	6.4	43
71	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.	6.4	48
72	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.	6.4	39

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73	A stereoselective approach to peptidomimetic BACE1 inhibitors. European Journal of Medicinal Chemistry, 2013, 70, 233-247.	5.5	17
74	Selective Arylsulfonamide Inhibitors of ADAM-17: Hit Optimization and Activity in Ovarian Cancer Cell Models. Journal of Medicinal Chemistry, 2013, 56, 8089-8103.	6.4	19
75	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.	2.8	14
76	The Gâ€Triplex DNA. Angewandte Chemie - International Edition, 2013, 52, 2269-2273.	13.8	133
77	Novel peptidomimetics as BACE-1 inhibitors: Synthesis, molecular modeling, and biological studies. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 85-89.	2.2	15
78	Biselectivity of isoDGR Peptides for Fibronectin Binding Integrin Subtypes Î±5Î²1 and Î±vÎ²6: Conformational Control through Flanking Amino Acids. Journal of Medicinal Chemistry, 2013, 56, 1509-1519.	6.4	67
79	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.	6.4	34
80	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2013, 62, 379-394.	5.5	38
81	From the Pharmacophore to the Homology Model of the Benzodiazepine Receptor: The Indolyglyoxylamides Affair. Current Topics in Medicinal Chemistry, 2012, 12, 321-332.	2.1	5
82	State-of-the-Art Methodologies for the Discovery and Characterization of DNA G-Quadruplex Binders. Current Pharmaceutical Design, 2012, 18, 1880-1899.	1.9	40
83	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.	6.4	24
84	Sampling protein motion and solvent effect during ligand binding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1467-1472.	7.1	100
85	Protein Flexibility in Virtual Screening: The BACE-1 Case Study. Journal of Chemical Information and Modeling, 2012, 52, 2697-2704.	5.4	47
86	Shooting for Selective Druglike G-Quadruplex Binders: Evidence for Telomeric DNA Damage and Tumor Cell Death. Journal of Medicinal Chemistry, 2012, 55, 9785-9792.	6.4	53
87	Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. ChemMedChem, 2012, 7, 1623-1634.	3.2	29
88	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.	4.4	13
89	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.	6.4	11
90	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.	6.4	28

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91	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3Î±. Journal of Medicinal Chemistry, 2012, 55, 4407-4424.	6.4	45
92	Tailoring of Integrin Ligands: Probing the Charge Capability of the Metal Ion-Dependent Adhesion Site. Journal of Medicinal Chemistry, 2012, 55, 871-882.	6.4	12
93	A Conformationally Frozen Peptoid Boosts CXCR4 Affinity and Antiâ€HIV Activity. Angewandte Chemie - International Edition, 2012, 51, 8110-8113.	13.8	45
94	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.	5.5	25
95	Progresses in the pursuit of aldose reductase inhibitors: The structure-based lead optimization step. European Journal of Medicinal Chemistry, 2012, 51, 216-226.	5.5	41
96	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.	6.4	14
97	Non-Nucleoside Inhibitors of Human Adenosine Kinase: Synthesis, Molecular Modeling, and Biological Studies. Journal of Medicinal Chemistry, 2011, 54, 1401-1420.	6.4	27
98	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.	6.4	45
99	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.	2.6	25
100	Design, Synthesis, and Functionalization of Dimeric Peptides Targeting Chemokine Receptor CXCR4. Journal of Medicinal Chemistry, 2011, 54, 7648-7662.	6.4	93
101	Increasing Î±vÎ²3 Selectivity of the Antiâ€Angiogenic Drug Cilengitide by Nâ€Methylation. Angewandte Chemie - International Edition, 2011, 50, 9496-9500.	13.8	54
102	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.	5.5	36
103	Identification of 5-arylidene-4-thiazolidinone derivatives endowed with dual activity as aldose reductase inhibitors and antioxidant agents for the treatment of diabetic complications. European Journal of Medicinal Chemistry, 2011, 46, 2797-2806.	5.5	94
104	Conformational Control of Integrinâ€Subtype Selectivity in isoDGR Peptide Motifs: A Biological Switch. Angewandte Chemie - International Edition, 2010, 49, 9278-9281.	13.8	76
105	Molecular basis of cyclooxygenase enzymes (COXs) selective inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5411-5416.	7.1	187
106	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.	6.4	37
107	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.	6.4	50
108	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. Journal of the American Chemical Society, 2010, 132, 6425-6433.	13.7	111

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109	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.	13.8	35
110	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.	6.4	27
111	N-O-Isopropyl Sulfonamido-Based Hydroxamates: Design, Synthesis and Biological Evaluation of Selective Matrix Metalloproteinase-13 Inhibitors as Potential Therapeutic Agents for Osteoarthritis. Journal of Medicinal Chemistry, 2009, 52, 4757-4773.	6.4	60
112	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.	6.4	15
113	Pursuing Aldose Reductase Inhibitors through in Situ Cross-Docking and Similarity-Based Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 5578-5581.	6.4	36
114	Tandem Application of Virtual Screening and NMR Experiments in the Discovery of Brand New DNA Quadruplex Groove Binders. Journal of the American Chemical Society, 2009, 131, 16336-16337.	13.7	86
115	Highly Selective Cyclic Hexapeptides Antagonist of GPIIb-IIIa by Multiple N-Methylation. Advances in Experimental Medicine and Biology, 2009, 611, 209-210.	1.6	3
116	Imidazo[2,1-b]thiazole System: A Scaffold Endowing Dihydropyridines with Selective Cardiodepressant Activity. Journal of Medicinal Chemistry, 2008, 51, 1592-1600.	6.4	65
117	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.	6.4	47
118	Design, Synthesis, and Biological Evaluation of Novel Aminobisphosphonates Possessing an in Vivo Antitumor Activity Through a Î³Î´-T Lymphocytes-Mediated Activation Mechanism. Journal of Medicinal Chemistry, 2008, 51, 6800-6807.	6.4	70
119	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.	6.4	38
120	Novel Quinolinonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors: Design, Synthesis, and Biological Activities. Journal of Medicinal Chemistry, 2008, 51, 4744-4750.	6.4	45
121	Characterizing the 1,4-Dihydropyridines Binding Interactions in the L-Type Ca2+Channel:Â Model Construction and Docking Calculations. Journal of Medicinal Chemistry, 2007, 50, 1504-1513.	6.4	95
122	Multiple N-Methylation by a Designed Approach Enhances Receptor Selectivity. Journal of Medicinal Chemistry, 2007, 50, 5878-5881.	6.4	68
123	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.	13.8	95
124	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 667-678.	3.2	43
125	Homology Modeling of NR2B Modulatory Domain of NMDA Receptor and Analysis of Ifenprodil Binding. ChemMedChem, 2007, 2, 1498-1510.	3.2	38
126	Ensemble-Docking Approach on BACE-1: Pharmacophore Perception and Guidelines for Drug Design. ChemMedChem, 2007, 2, 740-740.	3.2	2

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127	Novel Bifunctional Quinolonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors:â€‰ Design, Synthesis, Biological Activities, and Mechanism of Action. Journal of Medicinal Chemistry, 2006, 49, 1939-1945.	6.4	82
128	Syntheses, Biological Evaluation, and Molecular Modeling of18F-Labeled 4-Anilidopiperidines as Î¼-Opioid Receptor Imaging Agents. Journal of Medicinal Chemistry, 2005, 48, 7720-7732.	6.4	32
129	Urotensin-II Receptor Ligands. From Agonist to Antagonist Activity. Journal of Medicinal Chemistry, 2005, 48, 7290-7297.	6.4	24
130	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.	6.4	21
131	Ligand Binding Analysis for Human Î±5Î²1 Integrin:Â Strategies for Designing New Î±5Î²1 Integrin Antagonists. Journal of Medicinal Chemistry, 2005, 48, 4204-4207.	6.4	77
132	Human Integrin Î±vÎ²5:Â Homology Modeling and Ligand Binding. Journal of Medicinal Chemistry, 2004, 47, 4166-4177.	6.4	55
133	Docking Studies on Î±vÎ²3 Integrin Ligands:â€‰ Pharmacophore Refinement and Implications for Drug Design. Journal of Medicinal Chemistry, 2003, 46, 4393-4404.	6.4	116
134	Conformational Analysis of Furanoid Îµ-Sugar Amino Acid Containing Cyclic Peptides by NMR Spectroscopy, Molecular Dynamics Simulation, and X-ray Crystallography:Â Evidence for a Novel Turn Structure. Journal of the American Chemical Society, 2003, 125, 10822-10829.	13.7	56
135	Synthesis and NMR Structure of Peptidomimetic Î±4Î²7-Integrin Antagonists. ChemBioChem, 2002, 3, 575.	2.6	2
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