

Luciana Marinelli

List of Publications by Year in descending order

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137
papers

5,296
citations

66234

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123241

61
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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. <i>Advanced Drug Delivery Reviews</i> , 2022, 181, 114088.	6.6	11
2	Temozolomide-Acquired Resistance Is Associated with Modulation of the Integrin Repertoire in Glioblastoma, Impact of $\alpha 5 \beta 1$ Integrin. <i>Cancers</i> , 2022, 14, 369.	1.7	2
3	Novel Peptide-Based PET Probe for Non-invasive Imaging of C-X-C Chemokine Receptor Type 4 (CXCR4) in Tumors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3449-3461.	2.9	8
4	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. <i>European Journal of Pharmacology</i> , 2021, 897, 173936.	1.7	11
5	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to $\alpha 2 \beta 3$, $\alpha 2 \beta 6$, or $\alpha 5 \beta 1$ integrins. <i>Biomaterials</i> , 2021, 271, 120754.	5.7	14
6	Halting the Spread of Herpes Simplex Virus-1: The Discovery of an Effective Dual $\alpha 2 \beta 6 / \alpha 2 \beta 8$ Integrin Ligand. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6972-6984.	2.9	9
7	Interfering with the Tumor-Immune Interface: Making Way for Triazine-Based Small Molecules as Novel PD-L1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16020-16045.	2.9	16
8	Design, synthesis and biological evaluation of novel TR $\alpha 2$ selective agonists sustained by ADME-toxicity analysis. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112006.	2.6	16
9	Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020, 11, 3848.	5.8	44
10	Click Chemistry (CuAAC) Trimerization of an $\alpha 2 \beta 6$ Integrin Targeting Ga $\alpha 68$ Peptide: Enhanced Contrast for in vivo PET Imaging of Human Lung Adenocarcinoma Xenografts. <i>ChemBioChem</i> , 2020, 21, 2836-2843.	1.3	20
11	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. <i>Chemistry - A European Journal</i> , 2020, 26, 10113-10125.	1.7	10
12	Targeting the KRAS oncogene: Synthesis, physicochemical and biological evaluation of novel G-Quadruplex DNA binders. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 149, 105337.	1.9	15
13	Boosting Fmoc Solid-Phase Peptide Synthesis by Ultrasonication. <i>Organic Letters</i> , 2019, 21, 6378-6382.	2.4	39
14	Long lasting inhibition of Mdm2-p53 interaction potentiates mesenchymal stem cell differentiation into osteoblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 737-749.	1.9	10
15	Functional Selectivity Revealed by N-Methylation Scanning of Human Urotensin II and Related Peptides. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1455-1467.	2.9	18
16	Selective Targeting of Integrin $\alpha 2 \beta 8$ by a Highly Active Cyclic Peptide. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2024-2037.	2.9	33
17	Benzothiopyranoindole- and pyridothiopyranoindole-based antiproliferative agents targeting topoisomerases. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 46-58.	2.6	5
18	Ligand-Based NMR Study of C-X-C Chemokine Receptor Type 4 (CXCR4)-Ligand Interactions on Living Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2910-2923.	2.9	22

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19	<i>N</i> -Methylation of <i>iso</i> DGR Peptides: Discovery of a Selective $\alpha 5 \beta 1$ -Integrin Ligand as a Potent Tumor Imaging Agent. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2490-2499.	2.9	18
20	Challenging clinically unresponsive medullary thyroid cancer: Discovery and pharmacological activity of novel RET inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 491-505.	2.6	13
21	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2539-2550.	1.4	10
22	Interfering with HuR-RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1483-1498.	2.9	39
23	From a Helix to a Small Cycle: Metadynamics-Inspired $\alpha 5 \beta 1$ Integrin Selective Ligands. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14645-14649.	7.2	26
24	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 85-99.	1.7	22
25	Simultaneous Targeting of RGD-Integrins and Dual Murine Double Minute Proteins in Glioblastoma Multiforme. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4791-4809.	2.9	22
26	Von einer Helix zu einem kleinen Ring: Metadynamik-Inspirierte, selektive Liganden für $\alpha 5 \beta 1$ -Integrin. <i>Angewandte Chemie</i> , 2018, 130, 14856-14860.	1.6	3
27	A Healthy Balance of Plasma Cholesterol by a Novel Annurca Apple-Based Nutraceutical Formulation: Results of a Randomized Trial. <i>Journal of Medicinal Food</i> , 2017, 20, 288-300.	0.8	21
28	Regulation of HuR structure and function by dihydrotanshinone-I. <i>Nucleic Acids Research</i> , 2017, 45, 9514-9527.	6.5	64
29	Overcoming the Lack of Oral Availability of Cyclic Hexapeptides: Design of a Selective and Orally Available Ligand for the Integrin $\alpha 5 \beta 1$. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16405-16409.	7.2	30
30	Lösung des Problems mangelnder oraler Verfügbarkeit cyclischer Hexapeptide: Entwicklung eines selektiven, oral verfügbaren Liganden für das Integrin $\alpha 5 \beta 1$. <i>Angewandte Chemie</i> , 2017, 129, 16624-16629.	7.2	5
31	Probiotic species in the modulation of the anticancer immune response. <i>Seminars in Cancer Biology</i> , 2017, 46, 182-190.	4.3	47
32	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structure-Activity Relationship Studies and Pharmacological Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8115-8130.	2.9	19
33	Structure-Activity Relationships and Biological Characterization of a Novel, Potent, and Serum Stable C-X-C Chemokine Receptor Type 4 (CXCR4) Antagonist. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9641-9652.	2.9	21
34	Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 100-114.	1.7	45
35	Annurca (<i>Malus pumila</i> 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. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2107-2115.	1.7	34
36	Targeting CXCR4 reverts the suppressive activity of T-regulatory cells in renal cancer. <i>Oncotarget</i> , 2017, 8, 77110-77120.	0.8	59

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37	Stabile Peptide statt "gegestapelte Peptide" hochaffine \pm selektive Integrinliganden. <i>Angewandte Chemie</i> , 2016, 128, 1559-1563.	1.6	11
38	Lead Optimization of 2-Phenylindolylglyoxylyldipeptide Murine Double Minute (MDM)2/Translocator Protein (TSPO) Dual Inhibitors for the Treatment of Gliomas. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4526-4538.	2.9	28
39	Locking PDK1 in DFG-out conformation through 2-oxo-indole containing molecules: Another tools to fight glioblastoma. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 47-63.	2.6	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. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8369-8380.	2.9	26
41	Stable Peptides Instead of Stapled Peptides: Highly Potent \pm selective Integrin Ligands. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1535-1539.	7.2	59
42	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. <i>Analytical Chemistry</i> , 2016, 88, 2327-2334.	3.2	18
43	Site-directed Mutagenesis of Key Residues Unveiled a Novel Allosteric Site on Human Adenosine Kinase for Pyrrolobenzoxa(thia)zepinone Non-Nucleoside Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016, 87, 112-120.	1.5	6
44	The ring residue proline 8 is crucial for the thermal stability of the lasso peptide caulosegnin II. <i>Molecular BioSystems</i> , 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. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 15-25.	2.6	13
46	Long lasting MDM2/Translocator protein modulator: a new strategy for irreversible apoptosis of human glioblastoma cells. <i>Oncotarget</i> , 2016, 7, 7866-7884.	0.8	17
47	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. <i>Oncotarget</i> , 2016, 7, 20636-20654.	0.8	66
48	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. <i>Scientific Reports</i> , 2015, 5, 15453.	1.6	41
49	Combined inhibition of AKT/mTOR and MDM2 enhances Glioblastoma Multiforme cell apoptosis and differentiation of cancer stem cells. <i>Scientific Reports</i> , 2015, 5, 9956.	1.6	77
50	Dihydratanshinone-I interferes with the RNA-binding activity of HuR affecting its post-transcriptional function. <i>Scientific Reports</i> , 2015, 5, 16478.	1.6	65
51	Structure-Based Lead Optimization and Biological Evaluation of BAX Direct Activators as Novel Potential Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2135-2148.	2.9	41
52	Deepening the Topology of the Translocator Protein Binding Site by Novel <i>N,N</i> -Dialkyl-2-arylindol-3-ylglyoxylamides. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6081-6092.	2.9	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. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5789-5807.	2.9	51
54	A Novel Cell-Permeable, Selective, and Noncompetitive Inhibitor of KAT3 Histone Acetyltransferases from a Combined Molecular Pruning/Classical Isosterism Approach. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2779-2798.	2.9	48

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55	<i>N</i> -Substituted Quinolinonyl Diketo Acid Derivatives as HIV Integrase Strand Transfer Inhibitors and Their Activity against RNase H Function of Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4610-4623.	2.9	38
56	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015, 11, 280-286.	3.9	35
57	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7053-7060.	1.4	28
58	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 526-536.	2.6	18
59	Basic Quinolinonyl Diketo Acid Derivatives as Inhibitors of HIV Integrase and their Activity against RNase H Function of Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3223-3234.	2.9	51
60	Shading the TRF2 Recruiting Function: A New Horizon in Drug Development. <i>Journal of the American Chemical Society</i> , 2014, 136, 16708-16711.	6.6	23
61	Discovery of Covalent Inhibitors of Glyceraldehyde-3-phosphate Dehydrogenase, A Target for the Treatment of Malaria. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7465-7471.	2.9	47
62	Structure-Activity Relationship Refinement and Further Assessment of 4-Phenylquinazoline-2-carboxamide Translocator Protein Ligands as Antiproliferative Agents in Human Glioblastoma Tumors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2413-2428.	2.9	41
63	Pharmacophoric Modifications Lead to Superpotent α 5 β 1 Integrin Ligands with Suppressed α 5 β 1 Activity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3410-3417.	2.9	35
64	p53 Functional Inhibitors Behaving Like Pifithrin-2 Counteract the Alzheimer Peptide Non- β -amyloid Component Effects in Human SH-SY5Y Cells. <i>ACS Chemical Neuroscience</i> , 2014, 5, 390-399.	1.7	34
65	Rational Improvement of the Affinity and Selectivity of Integrin Binding of Grafted Lasso Peptides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5829-5834.	2.9	68
66	Structure-Based Optimization of Tyrosine Kinase Inhibitor CLM3 . Design, Synthesis, Functional Evaluation, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1225-1235.	2.9	18
67	Receptor-Bound Conformation of Cilengitide Better Represented by Its Solution-State Structure than the Solid-State Structure. <i>Chemistry - A European Journal</i> , 2014, 20, 14201-14206.	1.7	20
68	Beyond radio-displacement techniques for Identification of CB1 Ligands: The First Application of a Fluorescence-quenching Assay. <i>Scientific Reports</i> , 2014, 4, 3757.	1.6	21
69	Apoptosis Therapy in Cancer: The First Single-molecule Co-activating p53 and the Translocator Protein in Glioblastoma. <i>Scientific Reports</i> , 2014, 4, 4749.	1.6	62
70	Phenylpyrazolo[1,5- <i>a</i>]quinazolin-5(4- <i>H</i>)-one: A Suitable Scaffold for the Development of Noncamptothecin Topoisomerase I (Top1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7458-7462.	2.9	43
71	Exploring the Chemical Space of G-Quadruplex Binders: Discovery of a Novel Chemotype Targeting the Human Telomeric Sequence. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9646-9654.	2.9	48
72	Design, Synthesis, and Biological Evaluation of 1-Phenylpyrazolo[3,4- <i>e</i>]pyrrolo[3,4- <i>g</i>]indolizine-4,6(1- <i>H</i> ,5- <i>H</i>)-diones as New Glycogen Synthase Kinase-3 β Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 10066-10078.	2.9	39

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73	A stereoselective approach to peptidomimetic BACE1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 233-247.	2.6	17
74	Selective Arylsulfonamide Inhibitors of ADAM-17: Hit Optimization and Activity in Ovarian Cancer Cell Models. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8089-8103.	2.9	19
75	Human recombinant beta-secretase immobilized enzyme reactor for fast hits™ selection and characterization from a virtual screening library. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 131-134.	1.4	14
76	The Gâ€Triplex DNA. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2269-2273.	7.2	133
77	Novel peptidomimetics as BACE-1 inhibitors: Synthesis, molecular modeling, and biological studies. <i>Biorganic and Medicinal Chemistry Letters</i> , 2013, 23, 85-89.	1.0	15
78	Biselectivity of isoDGR Peptides for Fibronectin Binding Integrin Subtypes Î±5Î²1 and Î±vÎ²6: Conformational Control through Flanking Amino Acids. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1509-1519.	2.9	67
79	Ligand Based Approach to L-Type Calcium Channel by Imidazo[2,1- <i>b</i>]thiazole-1,4-Dihydropyridines: from Heart Activity to Brain Affinity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3866-3877.	2.9	34
80	Arylsulfonamide inhibitors of aggrecanases as potential therapeutic agents for osteoarthritis: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 379-394.	2.6	38
81	From the Pharmacophore to the Homology Model of the Benzodiazepine Receptor: The Indolyglyoxylamides Affair. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 321-332.	1.0	5
82	State-of-the-Art Methodologies for the Discovery and Characterization of DNA G-Quadruplex Binders. <i>Current Pharmaceutical Design</i> , 2012, 18, 1880-1899.	0.9	40
83	Benzofuroxane Derivatives as Multi-Effective Agents for the Treatment of Cardiovascular Diabetic Complications. Synthesis, Functional Evaluation, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10523-10531.	2.9	24
84	Sampling protein motion and solvent effect during ligand binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1467-1472.	3.3	100
85	Protein Flexibility in Virtual Screening: The BACE-1 Case Study. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 2697-2704.	2.5	47
86	Shooting for Selective Druglike G-Quadruplex Binders: Evidence for Telomeric DNA Damage and Tumor Cell Death. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9785-9792.	2.9	53
87	Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. <i>ChemMedChem</i> , 2012, 7, 1623-1634.	1.6	29
88	N-O-Isopropyl sulfonamido-based hydroxamates: Kinetic characterisation of a series of MMP-12/MMP-13 dual target inhibitors. <i>Biochemical Pharmacology</i> , 2012, 84, 813-820.	2.0	13
89	Water-Soluble Pyrazolo[4,3- <i>e</i>][1,2,4]triazolo[1,5- <i>c</i>]pyrimidines as Human A ₃ Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5380-5390.	2.9	11
90	3-Aryl-[1,2,4]triazino[4,3- <i>a</i>]benzimidazol-4(10 <i>H</i>)-one: A Novel Template for the Design of Highly Selective A _{2B} Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1490-1499.	2.9	28

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91	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4407-4424.	2.9	45
92	Tailoring of Integrin Ligands: Probing the Charge Capability of the Metal Ion-Dependent Adhesion Site. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 871-882.	2.9	12
93	A Conformationally Frozen Peptoid Boosts CXCR4 Affinity and Anti-HIV Activity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8110-8113.	7.2	45
94	Identification of novel molecular scaffolds for the design of MMP-13 inhibitors: A first round of lead optimization. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 143-152.	2.6	25
95	Progresses in the pursuit of aldose reductase inhibitors: The structure-based lead optimization step. <i>European Journal of Medicinal Chemistry</i> , 2012, 51, 216-226.	2.6	41
96	New 2-Heterocyclyl-imidazo[2,1- <i>b</i>]purin-5-one Derivatives as Potent and Selective Human A ₃ Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5205-5220.	2.9	14
97	Non-Nucleoside Inhibitors of Human Adenosine Kinase: Synthesis, Molecular Modeling, and Biological Studies. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1401-1420.	2.9	27
98	New Insight into the Central Benzodiazepine Receptor-Ligand Interactions: Design, Synthesis, Biological Evaluation, and Molecular Modeling of 3-Substituted 6-Phenyl-4 <i>H</i> -imidazo[1,5- <i>a</i>][1,4]benzodiazepines and Related Compounds. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5694-5711.	2.9	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. <i>Biochimie</i> , 2011, 93, 1280-1287.	1.3	25
100	Design, Synthesis, and Functionalization of Dimeric Peptides Targeting Chemokine Receptor CXCR4. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7648-7662.	2.9	93
101	Increasing IC_{50} Selectivity of the Anti-Angiogenic Drug Cilengitide by N-Methylation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9496-9500.	7.2	54
102	Synthesis and biological evaluation in U87MG glioma cells of (ethynylthiophene)sulfonamido-based hydroxamates as matrix metalloproteinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2617-2629.	2.6	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. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2797-2806.	2.6	94
104	Conformational Control of Integrin Subtype Selectivity in <i>iso</i> DGR Peptide Motifs: A Biological Switch. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9278-9281.	7.2	76
105	Molecular basis of cyclooxygenase enzymes (COXs) selective inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5411-5416.	3.3	187
106	Potent Arylsulfonamide Inhibitors of Tumor Necrosis Factor- α Converting Enzyme Able to Reduce Activated Leukocyte Cell Adhesion Molecule Shedding in Cancer Cell Models. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2622-2635.	2.9	37
107	Novel <i>N</i> ² -Substituted Pyrazolo[3,4- <i>d</i>]pyrimidine Adenosine A ₃ Receptor Antagonists: Inhibition of A ₃ -Mediated Human Glioblastoma Cell Proliferation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3954-3963.	2.9	50
108	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. <i>Journal of the American Chemical Society</i> , 2010, 132, 6425-6433.	6.6	111

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109	Breaking the Dogma of the Metal-Coordinating Carboxylate Group in Integrin Ligands: Introducing Hydroxamic Acids to the MIDAS To Tune Potency and Selectivity. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4436-4440.	7.2	35
110	Identification of Anxiolytic/Nonsedative Agents among Indol-3-ylglyoxylamides Acting as Functionally Selective Agonists at the γ -Aminobutyric Acid-A ($GABA_A$) α_2 Benzodiazepine Receptor. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3723-3734.	2.9	27
111	<i>N</i> -O-Isopropyl Sulfonamido-Based Hydroxamates: Design, Synthesis and Biological Evaluation of Selective Matrix Metalloproteinase-13 Inhibitors as Potential Therapeutic Agents for Osteoarthritis. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4757-4773.	2.9	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. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1224-1228.	2.9	15
113	Pursuing Aldose Reductase Inhibitors through in Situ Cross-Docking and Similarity-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5578-5581.	2.9	36
114	Tandem Application of Virtual Screening and NMR Experiments in the Discovery of Brand New DNA Quadruplex Groove Binders. <i>Journal of the American Chemical Society</i> , 2009, 131, 16336-16337.	6.6	86
115	Highly Selective Cyclic Hexapeptides Antagonist of GPIIb-IIIa by Multiple N-Methylation. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 209-210.	0.8	3
116	Imidazo[2,1- <i>b</i>]thiazole System: A Scaffold Endowing Dihydropyridines with Selective Cardiodepressant Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1592-1600.	2.9	65
117	Acetic Acid Aldose Reductase Inhibitors Bearing a Five-Membered Heterocyclic Core with Potent Topical Activity in a Visual Impairment Rat Model. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3182-3193.	2.9	47
118	Design, Synthesis, and Biological Evaluation of Novel Aminobisphosphonates Possessing an in Vivo Antitumor Activity Through a γ -T Lymphocytes-Mediated Activation Mechanism. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6800-6807.	2.9	70
119	Ethyl 8-Fluoro-6-(3-nitrophenyl)-4-imidazo[1,5- <i>a</i>][1,4]benzodiazepine-3-carboxylate as Novel, Highly Potent, and Safe Antianxiety Agent. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4730-4743.	2.9	38
120	Novel Quinolinonyl Diketo Acid Derivatives as HIV-1 Integrase Inhibitors: Design, Synthesis, and Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4744-4750.	2.9	45
121	Characterizing the 1,4-Dihydropyridines Binding Interactions in the L-Type Ca^{2+} Channel: A Model Construction and Docking Calculations. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1504-1513.	2.9	95
122	Multiple N-Methylation by a Designed Approach Enhances Receptor Selectivity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5878-5881.	2.9	68
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