Marco Radi

List of Publications by Year
in descending order

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83	2,581	172207	205818
papers	citations	29 h-index	48 g-index

100	100	100	3706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vascular Endothelial Growth Factor (VEGF) Receptors: Drugs and New Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 10797-10822.	2.9	158
2	Synthesis, biological evaluation, and SAR study of novel pyrazole analogues as inhibitors of Mycobacterium tuberculosis: Part 2. Synthesis of rigid pyrazolones. Bioorganic and Medicinal Chemistry, 2009, 17, 5716-5721.	1.4	136
3	Synthesis, biological evaluation and SAR study of novel pyrazole analogues as inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2008, 16, 8587-8591.	1.4	122
4	ATP-Competitive Inhibitors of mTOR: An Update. Current Medicinal Chemistry, 2011, 18, 2995-3014.	1.2	122
5	Biologically Driven Synthesis of Pyrazolo[3,4-d]pyrimidines As Protein Kinase Inhibitors: An Old Scaffold As a New Tool for Medicinal Chemistry and Chemical Biology Studies. Chemical Reviews, 2014, 114, 7189-7238.	23.0	116
6	Toward the Discovery of Novel Antiâ€HIV Drugs. Secondâ€Generation Inhibitors of the Cellular ATPase DDX3 with Improved Antiâ€HIV Activity: Synthesis, Structureâ€“Activity Relationship Analysis, Cytotoxicity Studies, and Target Validation. ChemMedChem, 2011, 6, 1371-1389.	1.6	95
7	Discovery of the first small molecule inhibitor of human DDX3 specifically designed to target the RNA binding site: Towards the next generation HIV-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2094-2098.	1.0	85
8	Design, Synthesis, Biological Activity, and ADME Properties of Pyrazolo[3,4-d]pyrimidines Active in Hypoxic Human Leukemia Cells: A Lead Optimization Study. Journal of Medicinal Chemistry, 2011, 54, 2610-2626.	2.9	75
9	Microwave-assisted organocatalytic multicomponent Knoevenagel/hetero Dielsâ€“Alder reaction for the synthesis of 2,3-dihydropyran[2,3-c]pyrazoles. Tetrahedron Letters, 2009, 50, 6572-6575.	0.7	74
10	Recent highlights in the synthesis of highly functionalized pyrimidines. Organic and Biomolecular Chemistry, 2009, 7, 2841.	1.5	70
11	Microwave-enhanced Sonogashira coupling reaction of substituted pyrimidinones and pyrimidine nucleosides. Tetrahedron Letters, 2003, 44, 9181-9184.	0.7	61
12	Targeting the Human DEAD-Box Polypeptide 3 (DDX3) RNA Helicase as a Novel Strategy to Inhibit Viral Replication. Current Medicinal Chemistry, 2011, 18, 3015-3027.	1.2	61
13	Synthesis and biological evaluation of new enantiomerically pure azole derivatives as inhibitors of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2203-2205.	1.0	58
14	Combining X-ray Crystallography and Molecular Modeling toward the Optimization of Pyrazolo[3,4-d]pyrimidines as Potent c-Src Inhibitors Active in Vivo against Neuroblastoma. Journal of Medicinal Chemistry, 2015, 58, 347-361.	2.9	53
15	Practical One-Pot Two-Step Protocol for the Microwave-Assisted Synthesis of Highly Functionalized Rhodanine Derivatives. ACS Combinatorial Science, 2010, 12, 200-205.	3.3	52
16	Discovery of Multitarget Antivirals Acting on Both the Dengue Virus NS5-NS3 Interaction and the Host Src/Fyn Kinases. Journal of Medicinal Chemistry, 2015, 58, 4964-4975.	2.9	52
17	Identification of potent c-Src inhibitors strongly affecting the proliferation of human neuroblastoma cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5928-5933.	1.0	48
18	Discovery and SAR of 1,3,4-thiadiazole derivatives as potent Abl tyrosine kinase inhibitors and cytodifferentiating agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1207-1211.	1.0	47

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19	Identification of Breast Cancer Inhibitors Specific for Gâ€…Proteinâ€Coupled Estrogen Receptor (GPER)â€Expressing Cells. ChemMedChem, 2017, 12, 1279-1285.	1.6	47
20	Drug repurposing approaches to fight Dengue virus infection and related diseases. Frontiers in Bioscience - Landmark, 2018, 23, 997-1019.	3.0	47
21	The In Silico Drug Discovery Toolbox: Applications in Lead Discovery and Optimization. Current Medicinal Chemistry, 2019, 26, 3838-3873.	1.2	47
22	New insights into smallâ€molecule inhibitors of Bcrâ€Abl. Medicinal Research Reviews, 2011, 31, 1-41.	5.0	45
23	Discovery of Chiral Cyclopropyl Dihydro-Alkylthio-Benzyl-Oxopyrimidine (S-DABO) Derivatives as Potent HIV-1 Reverse Transcriptase Inhibitors with High Activity Against Clinically Relevant Mutants. Journal of Medicinal Chemistry, 2009, 52, 840-851.	2.9	44
24	Design, Synthesis, and Biological Evaluation of Pyrazolo[3,4-d]pyrimidines Active in Vivo on the Bcr-Abl T315I Mutant. Journal of Medicinal Chemistry, 2013, 56, 5382-5394.	2.9	39
25	HIV-1 RT Inhibitors with a Novel Mechanism of Action: NNRTIs that Compete with the Nucleotide Substrate. Viruses, 2010, 2, 880-899.	1.5	38
26	A Multidisciplinary Approach for the Identification of Novel HIVâ€1 Nonâ€Nucleoside Reverse Transcriptase Inhibitors: Sâ€DABOCs and DAVPs. ChemMedChem, 2008, 3, 573-593.	1.6	37
27	Microwave-Assisted Acylation of Amines, Alcohols, and Phenols by the Use of Solid-Supported Reagents (SSRs). Journal of Organic Chemistry, 2004, 69, 7880-7887.	1.7	36
28	Crystal Structure of HIVâ€1 Reverse Transcriptase Bound to a Nonâ€Nucleoside Inhibitor with a Novel Mechanism of Action. Angewandte Chemie - International Edition, 2010, 49, 1805-1808.	7.2	31
29	Computational techniques are valuable tools for the discovery of proteinâ€“protein interaction inhibitors: The 14-3-3ζ case. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6867-6871.	1.0	31
30	Studies on the ATP Binding Site of Fyn Kinase for the Identification of New Inhibitors and Their Evaluation as Potential Agents against Tauopathies and Tumors. Journal of Medicinal Chemistry, 2015, 58, 4590-4609.	2.9	31
31	Rethinking the old antiviral drug moroxydine: Discovery of novel analogues as anti-hepatitis C virus (HCV) agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5372-5376.	1.0	30
32	C6â€Unsubstituted Pyrazolo[3,4â€d]pyrimidines Are Dual Src/Abl Inhibitors Effective against Imatinib Mesylate Resistant Chronic Myeloid Leukemia Cell Lines. ChemMedChem, 2009, 4, 118-126.	1.6	29
33	Parallel Solution-Phase Synthesis of 4-Dialkylamino-2-methylsulfonyl-6-vinylpyrimidines. ACS Combinatorial Science, 2005, 7, 117-122.	3.3	27
34	Towards new methodologies for the synthesis of biologically interesting 6-substituted pyrimidines and 4(3H)-pyrimidinones. Arkivoc, 2006, 2006, 452-478.	0.3	25
35	A one-pot, two-step microwave-assisted synthesis of highly functionalized benzoxazoles using solid-supported reagents (SSRs). Tetrahedron Letters, 2008, 49, 4464-4466.	0.7	23
36	A combined targeted/phenotypic approach for the identification of new antiangiogenics agents active on a zebrafish model: From in silico screening to cyclodextrin formulation. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5579-5583.	1.0	20

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37	Discovery of Non-Nucleoside Inhibitors of HIV-1 Reverse Transcriptase Competing with the Nucleotide Substrate. Angewandte Chemie - International Edition, 2007, 46, 1810-1813.	7.2	19
38	4-Amino-Substituted Pyrazolo[3,4-d]Pyrimidines: Synthesis and Biological Properties. Mini-Reviews in Organic Chemistry, 2009, 6, 220-233.	0.6	19
39	Molecular Characterization of c-Abl/c-Src Kinase Inhibitors Targeted against Murine Tumour Progenitor Cells that Express Stem Cell Markers. PLoS ONE, 2010, 5, e14143.	1.1	19
40	A Versatile Route to C-6 Arylmethyl-Functionalized S-DABO and Related Analogues. Organic Letters, 2007, 9, 3157-3160.	2.4	18
41	Dual Src and Abl inhibitors target wild type Abl and the AblT315I Imatinib-resistant mutant with different mechanisms. Bioorganic and Medicinal Chemistry, 2010, 18, 3999-4008.	1.4	18
42	Insight into the Allosteric Inhibition of Abl Kinase. Journal of Chemical Information and Modeling, 2014, 54, 1325-1338.	2.5	18
43	Discovery of Multitarget Agents Active as Broad-Spectrum Antivirals and Correctors of Cystic Fibrosis Transmembrane Conductance Regulator for Associated Pulmonary Diseases. Journal of Medicinal Chemistry, 2017, 60, 1400-1416.	2.9	17
44	In Vitro Optimization of Non-Small Cell Lung Cancer Activity with Troxacitabine,l-1,3-Dioxolane-cytidine, Prodrugs. Journal of Medicinal Chemistry, 2007, 50, 2249-2253.	2.9	16
45	Synthesis of enantiomerically pure Î±-[4-(1-substituted)-1,2,3-triazol-4-yl]-benzylacetamides via microwave-assisted click chemistry: towards new potential antimicrobial agents. Tetrahedron: Asymmetry, 2007, 18, 1345-1350.	1.8	16
46	Design and Synthesis of Thiadiazoles and Thiazoles Targeting the Bcrâ€Abl T315I Mutant: from Docking False Positives to ATPâ€Noncompetitive Inhibitors. ChemMedChem, 2010, 5, 1226-1231.	1.6	16
47	Pyrazolo[3,4-d]pyrimidine Prodrugs: Strategic Optimization of the Aqueous Solubility of Dual Src/Abl Inhibitors. ACS Medicinal Chemistry Letters, 2013, 4, 622-626.	1.3	16
48	Exploring the Chemical Space around the Privileged Pyrazolo[3,4-d]pyrimidine Scaffold: Toward Novel Allosteric Inhibitors of T315I-Mutated Abl. ACS Combinatorial Science, 2014, 16, 168-175.	3.8	16
49	Microwave-Assisted Domino Reactions of Propargylamines with Isothiocyanates: Selective Synthesis of 2-Aminothiazoles and 2-Amino-4-methylenethiazolines. Synlett, 2016, 27, 1883-1887.	1.0	16
50	A microwave-assisted multicomponent protocol for the synthesis of benzofuran-2-carboxamides. Tetrahedron Letters, 2016, 57, 1464-1467.	0.7	16
51	Scaffold Morphing Approach To Expand the Toolbox of Broad-Spectrum Antivirals Blocking Dengue/Zika Replication. ACS Medicinal Chemistry Letters, 2019, 10, 558-563.	1.3	16
52	A combined ligand- and structure-based approach for the identification of rilmenidine-derived compounds which synergize the antitumor effects of doxorubicin. Bioorganic and Medicinal Chemistry, 2016, 24, 3174-3183.	1.4	15
53	A Combination Strategy to Inhibit Pimâ€1: Synergism between Noncompetitive and ATPâ€Competitive Inhibitors. ChemMedChem, 2013, 8, 484-496.	1.6	13
54	Identification of Broadâ€Spectrum Dengue/Zika Virus Replication Inhibitors by Functionalization of Quinoline and 2,6â€Diaminopurine Scaffolds. ChemMedChem, 2018, 13, 1371-1376.	1.6	13

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55	Bithiazole Inhibitors of Phosphatidylinositol 4â€Kinase (PI4KIIIÎ²) as Broadâ€Spectrum Antivirals Blocking the Replication of SARSâ€CoVâ€2, Zika Virus, and Human Rhinoviruses. ChemMedChem, 2021, 16, 3548-3552.	1.6	13
56	Synthesis, Biological Activity, and ADME Properties of Novel Sâ€DABOs/Nâ€DABOs as HIV Reverse Transcriptase Inhibitors. ChemMedChem, 2012, 7, 883-896.	1.6	12
57	Homology Modeling, Validation and Dynamics of the G Proteinâ€coupled Estrogen Receptor 1 (GPERâ€1). Molecular Informatics, 2016, 35, 333-339.	1.4	12
58	Troxacitabine Prodrugs for Pancreatic Cancer. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1073-1077.	0.4	11
59	Towards novel S-DABOC inhibitors: Synthesis, biological investigation, and molecular modeling studies. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5777-5780.	1.0	11
60	Preclinical discovery and development of maraviroc for the treatment of HIV. Expert Opinion on Drug Discovery, 2015, 10, 671-684.	2.5	11
61	Solid-phase synthesis (SPS) of substituted uracils via OxoneÂ® cleavage methodology. Tetrahedron Letters, 2002, 43, 9667-9670.	0.7	10
62	A one-pot two-step microwave-assisted synthesis of N1-substituted 5,6-ring-fused 2-pyridones. Tetrahedron Letters, 2013, 54, 6905-6908.	0.7	10
63	Allosteric Inhibitors of Bcr-Abl: Towards Novel Myristate-Pocket Binders. Current Pharmaceutical Biotechnology, 2013, 14, 477-487.	0.9	10
64	Multitarget CFTR Modulators Endowed with Multiple Beneficial Side Effects for Cystic Fibrosis Patients: Toward a Simplified Therapeutic Approach. Journal of Medicinal Chemistry, 2019, 62, 10833-10847.	2.9	9
65	System-oriented optimization of multi-target 2,6-diaminopurine derivatives: Easily accessible broad-spectrum antivirals active against flaviviruses, influenza virus and SARS-CoV-2. European Journal of Medicinal Chemistry, 2021, 224, 113683.	2.6	9
66	A Convergent Approach for the Synthesis of Ara-Neplanocin a Analogues Under Subzero Microwave Assisted Conditions. Nucleosides, Nucleotides and Nucleic Acids, 2009, 28, 504-518.	0.4	8
67	CYP-dependent Metabolism of Antitumor Pyrazolo[3,4-d]pyrimidine Derivatives Is Characterized by an Oxidative Dechlorination Reaction. Drug Metabolism and Pharmacokinetics, 2014, 29, 433-440.	1.1	7
68	Synthesis of an Original Oxygenated Taxuspine X Analogue: a Versatile â€œNonâ€Naturalâ€•Natural Product with Remarkable Pâ€gp Modulating Activity. ChemMedChem, 2008, 3, 745-748.	1.6	5
69	An alternative synthetic approach for the synthesis of biologically relevant 1,4-disubstituted pyrazolo[3,4-d]pyrimidines. Tetrahedron Letters, 2013, 54, 5204-5206.	0.7	5
70	Unconventional Plasticity of HIV-1 Reverse Transcriptase: How Inhibitors Could Open a Connection â€œGateâ€•between Allosteric and Catalytic Sites. Journal of Chemical Information and Modeling, 2013, 53, 3117-3122.	2.5	5
71	Stereoselective Synthesis of N1-6-Methyluridine and Related 2-Substituted Analogues. Heterocycles, 2007, 72, 79.	0.4	3
72	Synthesis of reactive cytidine derivatives as building blocks for cross-linking oligonucleotides. Tetrahedron Letters, 2005, 46, 4361-4364.	0.7	2

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73	Arylation of 2-Furyl 4-Fluorophenyl Ketone: An Extension of Heck Chemistry towards Novel Integrase Inhibitors. Synthesis, 2010, 2010, 3927-3933.	1.2	2
74	A multicomponent pharmacophore fragment-decoration approach to identify selective LRRK2-targeting probes. MedChemComm, 2016, 7, 484-494.	3.5	2
75	Towards Innovative Antibacterial Correctors for Cystic Fibrosis Targeting the Lung Microbiome with a Multifunctional Effect. ChemMedChem, 2022, 17, .	1.6	2
76	Exploring the Synthesis of Masked Phosphoramido 6-Vinylcytidine Derivatives as Building Blocks for Cross-Linking Oligonucleotides. Heterocycles, 2006, 69, 151.	0.4	1
77	Src Kinase Inhibitors: An Update on Patented Compounds. Current Medicinal Chemistry, 2011, 18, 5061-5078.	1.2	1
78	A cascade screening approach for the identification of Bcr-Abl myristate pocket binders active against wild type and T315I mutant. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3436-3440.	1.0	1
79	Probing the Reactivity of 2,4-Dichlorofuro[3,4-d]pyrimidin-7-one: A Versatile and Underexploited Scaffold to Generate Substituted or Fused Pyrimidine Derivatives. Synlett, 2019, 30, 2010-2014.	1.0	1
80	Deciphering Imidazoline Offâ€targets by Fishing in the Class A of GPCR field. Molecular Informatics, 2020, 39, 1900165.	1.4	1
81	Microwave-Enhanced Sonogashira Coupling Reaction of Substituted Pyrimidinones and Pyrimidine Nucleosides.. ChemInform, 2004, 35, no.	0.1	0
82	Parallel Solution-Phase Synthesis of 4-Dialkylamino-2-methylsulfonyl-6-vinylpyrimidines.. ChemInform, 2005, 36, no.	0.1	0
83	A Domino Microwave-Assisted Protocol for the Synthesis of 2,6-Disubstituted Pyrimidinones. Synlett, 2011, 2011, 1997-2000.	1.0	0