Dorin Toader

List of Publications by Year
in descending order

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29	1,126	471509	477307
papers	citations	17	29
		h-index	g-index

29	29	29	1689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Biparatopic HER2-Targeting Antibody-Drug Conjugate Induces Tumor Regression in Primary Models Refractory to or Ineligible for HER2-Targeted Therapy. Cancer Cell, 2016, 29, 117-129.	16.8	281
2	Mechanism and In Vitro Pharmacology of TAK1 Inhibition by (5Z)-7-Oxozeaenol. ACS Chemical Biology, 2013, 8, 643-650.	3.4	119
3	Structural approaches to obtain kinase selectivity. Trends in Pharmacological Sciences, 2012, 33, 273-278.	8.7	70
4	Structure-based design of protein tyrosine phosphatase-1B inhibitors. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2503-2507.	2.2	68
5	First General Synthesis of (p-Nitroaryl)diarylmethanesviaVicarious Nucleophilic Substitution of Hydrogen. Journal of Organic Chemistry, 1997, 62, 4137-4141.	3.2	63
6	Discovery of Checkpoint Kinase Inhibitor (S)-5-(3-Fluorophenyl)-N-(piperidin-3-yl)-3-ureidothiophene-2-carboxamide (AZD7762) by Structure-Based Design and Optimization of Thiophenecarboxamide Ureas. Journal of Medicinal Chemistry, 2012, 55, 5130-5142.	6.4	58
7	General and Efficient Carbon Insertion Route to One-Carbon-Homologated .alpha.-Aryl, .alpha.-Alkenyl, .alpha.-Alkoxy, and .alpha.-Phenylthio Alkyl Ketones. Journal of the American Chemical Society, 1995, 117, 12015-12016.	13.7	37
8	Preclinical Evaluation of MEDI0641, a Pyrrolobenzodiazepine-Conjugated Antibodyâ€“Drug Conjugate Targeting 5T4. Molecular Cancer Therapeutics, 2017, 16, 1576-1587.	4.1	37
9	General and Efficient Insertions of Carbons Carrying Aryl and Heteroaryl Groups:Â Synthesis of Î±-Aryl- and Î±-Heteroaryl-Substituted Ketones. Journal of Organic Chemistry, 1996, 61, 7571-7577.	3.2	34
10	Discovery of a novel class of 2-ureido thiophene carboxamide checkpoint kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4242-4248.	2.2	31
11	Straightforward Glycoengineering Approach to Site-Specific Antibodyâ€“Pyrrolobenzodiazepine Conjugates. ACS Medicinal Chemistry Letters, 2016, 7, 1005-1008.	2.8	31
12	Syntheses of 2-Alkylamino- and 2-Dialkylamino-4,6-diarylpyridines and 2,4,6-Trisubstituted Pyrimidines Using Solid-Phase-Bound Chalcones. ACS Combinatorial Science, 2000, 2, 182-185.	3.3	29
13	Masked Î±-Arylalkenyllithium Reagents for Efficient Syntheses of Functionalized Monosubstituted and 1,1-Disubstituted Ethylenes. Journal of the American Chemical Society, 1997, 119, 9321-9322.	13.7	25
14	New synthesis of SASRINâ„¢ resin. Tetrahedron Letters, 1997, 38, 7849-7850.	1.4	24
15	Functionalized (Benzotriazol-1-yl)methanes as 1,1-Dipole Synthon Equivalents in Diverse Annulations to Aromatic and Heteroaromatic Rings. Journal of Organic Chemistry, 1998, 63, 3445-3449.	3.2	20
16	Identification of azabenzimidazoles as potent JAK1 selective inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 60-67.	2.2	20
17	Adventures in Scaffold Morphing: Discovery of Fused Ring Heterocyclic Checkpoint Kinase 1 (CHK1) Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 1061-1073.	6.4	19
18	Synthesis and evaluation of triazolones as checkpoint kinase 1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2330-2337.	2.2	18

#	Article	IF	Citations
19	Discovery and Optimization of a Novel Series of Highly Selective JAK1 Kinase Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 5235-5244.	6.4	18
20	Efficient Transformations of Aldehydes and Ketones into One-Carbon Homologated Carboxylic Acids. Synthesis, 1996, 1996, 1425-1427.	2.3	17
21	A Four-Carbon Unit Reagent for the Regiospecific Synthesis of 2-Alkyl-Substituted 1,3-Butadienes. Journal of Organic Chemistry, 1999, 64, 1888-1892.	3.2	16
22	The Development and Scale-Up of an Antibody Drug Conjugate Tubulysin Payload. Organic Process Research and Development, 2017, 21, 1602-1609.	2.7	16
23	Novel and Efficient Entry to Î³-Aryl-Substituted Î³,Î´-Unsaturated Ketones, Amides, Nitriles, and Sulfones by Conjugate Additions of 2-Benzotriazolylethylsilanes. Journal of Organic Chemistry, 1998, 63, 9987-9988.	3.2	15
24	Discovery of a novel class of triazolones as Checkpoint Kinase inhibitorsâ€"Hit to lead exploration. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5133-5138.	2.2	14
25	Structureâ€"Cytotoxicity Relationships of Analogues of N¹⁴-Desacetoxytubulysin H. Journal of Medicinal Chemistry, 2016, 59, 10781-10787.	6.4	14
26	PERFORMANCE FLUIDS AS AN INERT MEDIUM FOR THE PREPARATION OF BENZOTRIAZOLE DERIVATIVES. Organic Preparations and Procedures International, 1995, 27, 179-184.	1.3	12
27	Efficient Syntheses of Secondary and Tertiary 2-Aryl- and 2-Heteroaryl-allyl Alcohols. Journal of Organic Chemistry, 1998, 63, 9978-9982.	3.2	8
28	Novel Syntheses of 1,2-Diarylprop-2-en-1-ones. Journal of Organic Chemistry, 1998, 63, 9983-9986.	3.2	7
29	Masked 2-Arylacroleins:Â Versatile Three-Carbon Units for Organic Synthesis. Journal of Organic Chemistry, 1999, 64, 6080-6084.	3.2	5