

# Darin E Jones

## List of Publications by Year in descending order

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30  
papers

790  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Parallel Synthesis, and Crystal Structures of Pyrazinone Antithrombotics as Selective Inhibitors of the Tissue Factor VIIa Complex. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4050-4062.	6.4	83
2	Selective small molecule PARG inhibitor causes replication fork stalling and cancer cell death. <i>Nature Communications</i> , 2019, 10, 5654.	12.8	75
3	Structure-based drug design of pyrazinone antithrombotics as selective inhibitors of the tissue factor VIIa complex. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 2319-2325.	2.2	46
4	Discovery and SAR of PF-4693627, a potent, selective and orally bioavailable mPGES-1 inhibitor for the potential treatment of inflammation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1114-1119.	2.2	45
5	Intramolecular 4+3 cycloadditions. Vinylthionium ions from allylic alcohols. <i>Tetrahedron Letters</i> , 1996, 37, 783-786.	1.4	42
6	Vinyl Oxocarbenium Ions in Intermolecular [4 + 3] Cycloaddition Reactions. <i>Journal of Organic Chemistry</i> , 1997, 62, 1578-1579.	3.2	42
7	Inhibitors of HGFA, Matriptase, and Hepsin Serine Proteases: A Nonkinase Strategy to Block Cell Signaling in Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1219-1224.	2.8	41
8	Intramolecular [4+3] Cycloadditions. Studies of Relative Asymmetric Induction. <i>Journal of Organic Chemistry</i> , 1995, 60, 5077-5092.	3.2	39
9	Targeting SARS-CoV-2 Nsp3 macrodomain structure with insights from human poly(ADP-ribose) glycohydrolase (PARG) structures with inhibitors. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 171-186.	2.9	39
10	Chiral cations in 4+3 cycloadditions. <i>Tetrahedron Letters</i> , 1999, 40, 1831-1834.	1.4	33
11	The metallation of Troeger's base. <i>Tetrahedron Letters</i> , 1996, 37, 6267-6270.	1.4	32
12	Structure-based discovery of small molecule hepsin and HGFA protease inhibitors: Evaluation of potency and selectivity derived from distinct binding pockets. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2328-2343.	3.0	31
13	The reaction of N-phenylsulfonimidoyl chloride with trimethylsilylethene. A new route to 2-alkenylanilines. <i>Tetrahedron</i> , 1998, 54, 9995-10006.	1.9	28
14	Nickel Complex Catalyzed Efficient Activation of sp <sup>3</sup> and sp <sup>2</sup> C-H Bonds for Alkylation and Arylation of Oxygen Containing Heterocyclic Molecules. <i>Catalysis Letters</i> , 2014, 144, 507-515.	2.6	23
15	GRB2 enforces homology-directed repair initiation by MRE11. <i>Science Advances</i> , 2021, 7, .	10.3	21
16	Dehydroleucodine, a Sesquiterpene Lactone from <i>Gynoxys verrucosa</i> , Demonstrates Cytotoxic Activity against Human Leukemia Cells. <i>Journal of Natural Products</i> , 2016, 79, 691-696.	3.0	20
17	A Novel Iron Complex for Cross-Coupling Reactions of Multiple C-Cl Bonds in Polychlorinated Solvents with Grignard Reagents. <i>Catalysis Letters</i> , 2012, 142, 1397-1404.	2.6	17
18	Structure-activity relationships among DNA ligase inhibitors: Characterization of a selective uncompetitive DNA ligase I inhibitor. <i>DNA Repair</i> , 2017, 60, 29-39.	2.8	17

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19	An effective human uracil-DNA glycosylase inhibitor targets the open pre-catalytic active site conformation. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 143-159.	2.9	14
20	Heteroatom-stabilized allylic cations in 4+3 cycloadditions. A tandem Peterson olefination/4+3 cycloaddition reaction. <i>Tetrahedron Letters</i> , 1997, 38, 3861-3862.	1.4	12
21	Synthesis of tetrahydrofurans from protected $\beta$ -hydroxyaldehydes: Optimization of the alcohol protecting group. <i>Tetrahedron Letters</i> , 1998, 39, 3919-3922.	1.4	12
22	Stereoselective synthesis of 2,3,4-trisubstituted tetrahydrofurans. <i>Tetrahedron Letters</i> , 1998, 39, 8195-8198.	1.4	12
23	A general, regioselective approach to the synthesis of ortho allylanilines. <i>Tetrahedron Letters</i> , 1995, 36, 4769-4772.	1.4	11
24	Synthesis of a versatile 2 (1H)-pyrazinone core for the preparation of Tissue Factor-Factor VIIa inhibitors. <i>Tetrahedron</i> , 2010, 66, 2570-2581.	1.9	8
25	Activation of $sp^3$ and $sp^2$ CH bonds of oxygen containing heterocyclic molecules for alkylation and arylation reactions catalyzed by an iron complex. <i>Journal of Molecular Catalysis A</i> , 2014, 392, 253-259.	4.8	4
26	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. <i>Methods in Enzymology</i> , 2021, 661, 407-431.	1.0	4
27	Synthesis, Crystallography, and Anti-Leukemic Activity of the Amino Adducts of Dehydroleucodine. <i>Molecules</i> , 2020, 25, 4825.	3.8	3
28	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. <i>Methods in Enzymology</i> , 2021, 661, 407-431.	1.0	2
29	Analysis of Plant-Plant Interactions Reveals the Presence of Potent Antileukemic Compounds. <i>Molecules</i> , 2022, 27, 2928.	3.8	1
30	Abstract LB-197: Hepatocyte Growth Factor Activator (HGFA) Inhibitors of c-MET/RON Kinase Signaling. , 2011, , .		0