

# Danica A Rankic

## List of Publications by Year in descending order

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15  
papers

8,432  
citations

1051969

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docs citations

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#	ARTICLE	IF	CITATIONS
1	The Discovery of Two Novel Classes of 5,5-Bicyclic Nucleoside-Derived PRMT5 Inhibitors for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3911-3939.	2.9	16
2	Synthesis of Proline Analogues via Rh-Catalyzed Asymmetric Conjugate Addition. <i>ACS Catalysis</i> , 2021, 11, 743-749.	5.5	11
3	Synthesis of Pyridopyrazine-1,6-dione $\hat{I}^3$ -Secretase Modulators via Selective 4-Methylimidazole $\hat{C}^1$ -Buchwald Arylation. <i>Journal of Organic Chemistry</i> , 2019, 84, 4921-4925.	1.7	3
4	Protocol for the Direct Conversion of Lactones to Lactams Mediated by 1,5,7-Triazabicyclo[4.4.0]dec-5-ene: Synthesis of Pyridopyrazine-1,6-diones. <i>Journal of Organic Chemistry</i> , 2017, 82, 12791-12797.	1.7	10
5	Ru/Ni Dual Catalytic Desulfonative Photoredox $\hat{C}^2$ - $\hat{C}^3$ Cross-Coupling of Alkyl Sulfinate Salts and Aryl Halides. <i>Organic Letters</i> , 2017, 19, 6566-6569.	2.4	63
6	Discovery of cyclopropyl chromane-derived pyridopyrazine-1,6-dione $\hat{I}^3$ -secretase modulators with robust central efficacy. <i>MedChemComm</i> , 2017, 8, 730-743.	3.5	16
7	A General Strategy for Organocatalytic Activation of $\hat{C}^{\alpha}$ -H Bonds via Photoredox Catalysis: Direct Arylation of Benzylic Ethers. <i>Journal of the American Chemical Society</i> , 2014, 136, 626-629.	6.6	254
8	Visible Light Photoredox Catalysis with Transition Metal Complexes: Applications in Organic Synthesis. <i>Chemical Reviews</i> , 2013, 113, 5322-5363.	23.0	7,226
9	Photoredox Activation for the Direct $\hat{I}^2$ -Arylation of Ketones and Aldehydes. <i>Science</i> , 2013, 339, 1593-1596.	6.0	491
10	3,3- $\hat{C}^2$ -Substituted BINAP derivatives containing C-bound substituents: applications in asymmetric hydrogenation reactions. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 754-763.	1.8	7
11	Application of 3,3- $\hat{C}^2$ -disubstituted xylBINAP derivatives in inter- and intramolecular asymmetric Heck/Mizoroki reactions. <i>Tetrahedron Letters</i> , 2010, 51, 5724-5727.	0.7	25
12	Synthesis and Resolution of 3,3- $\hat{C}^2$ -Disubstituted xylBINAP Derivatives and Their Application in Rhodium-Catalyzed Asymmetric Hydrogenation. <i>Synlett</i> , 2009, 2009, 2513-2517.	1.0	2
13	1,3-Aminoalcohols and Their Derivatives in Asymmetric Organic Synthesis. <i>Chemical Reviews</i> , 2007, 107, 767-796.	23.0	215
14	Aza-Morita-Baylis-Hillman Reactions and Cyclizations of Conjugated Dienes Activated by Sulfone, Ester, and Keto Groups. <i>Journal of Organic Chemistry</i> , 2007, 72, 3326-3331.	1.7	48
15	Morita-Baylis-Hillman Reaction and Cyclization of 1-(p-Toluenesulfonyl)-1,3-butadiene with Aldimines. <i>Organic Letters</i> , 2005, 7, 2377-2379.	2.4	45