

Robert K Boeckman Jr

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic and Mechanistic Studies of the Retro-Claisen Rearrangement 4. An Application to the Total Synthesis of (+)-Laurenynes. <i>Organic Letters</i> , 2002, 4, 3891-3894.	4.6	74
2	A Novel Route to 2,3-Pyrazol-1(5H)-ones via Palladium-Catalyzed Carbonylation of 1,2-Diaza-1,3-butadienes. <i>Organic Letters</i> , 2001, 3, 3651-3653.	4.6	61
3	Toward the Development of a General Chiral Auxiliary. A Total Synthesis of (+)-Tetronolide via a Tandem Ketene-Trapping [4 + 2] Cycloaddition Strategy. <i>Journal of the American Chemical Society</i> , 2006, 128, 10572-10588.	13.7	60
4	Toward the Development of a General Chiral Auxiliary. Enantioselective Alkylation and a New Catalytic Asymmetric Addition of Silyloxyfurans: An Application to a Total Synthesis of (âˆ“) -Rasfonin. <i>Journal of the American Chemical Society</i> , 2006, 128, 11032-11033.	13.7	59
5	A Practical Enantioselective Total Synthesis of the Bengamides B, E, and Z. <i>Organic Letters</i> , 2002, 4, 2109-2112.	4.6	56
6	Direct Enantioselective Organocatalytic Hydroxymethylation of Aldehydes Catalyzed by $\hat{\pm}$ -Diphenylprolinol Trimethylsilyl Ether. <i>Organic Letters</i> , 2009, 11, 4544-4547.	4.6	49
7	Toward the Development of a General Chiral Auxiliary. 9. Highly Diastereoselective Alkylations and Acylations to Form Tertiary and Quaternary Centers. <i>Organic Letters</i> , 2001, 3, 3777-3780.	4.6	47
8	An Enantioselective Total Synthesis of (+)- and (âˆ“) -Saudin. Determination of the Absolute Configuration. <i>Journal of the American Chemical Society</i> , 2002, 124, 190-191.	13.7	43
9	Organocatalytic Enantioselective $\hat{\pm}$ -Hydroxymethylation of Aldehydes: Mechanistic Aspects and Optimization. <i>Journal of Organic Chemistry</i> , 2015, 80, 4030-4045.	3.2	40
10	A Variant of the Takai-Utimoto Reaction of Acrolein Acetals with Aldehydes Catalytic in Chromium: A Highly Stereoselective Route to Anti Diol Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 3524-3525.	3.2	39
11	New Heterocyclic Precursors for Thermal Generation of Reactive, Electron-Rich 1,2-Diaza-1,3-butadienes. <i>Organic Letters</i> , 2001, 3, 3647-3650.	4.6	39
12	Toward the Development of a General Chiral Auxiliary. 5. High Diastereofacial Selectivity in Cycloadditions with Trienol Silyl Ethers: An Application to an Enantioselective Synthesis of (âˆ“) -Cassioside. <i>Journal of Organic Chemistry</i> , 1996, 61, 7984-7985.	3.2	37
13	Bisphosphonates: The role of chemistry in understanding their biological actions and structure-activity relationships, and new directions for their therapeutic use. <i>Bone</i> , 2022, 156, 116289.	2.9	36
14	A Scalable Total Synthesis of (âˆ“) -Nakadomarin A. <i>Organic Letters</i> , 2016, 18, 6136-6139.	4.6	33
15	Synthesis of a Bone-Targeted Bortezomib with In Vivo Anti-Myeloma Effects in Mice. <i>Pharmaceutics</i> , 2018, 10, 154.	4.5	30
16	Targeting anti-cancer agents to bone using bisphosphonates. <i>Bone</i> , 2020, 138, 115492.	2.9	29
17	Targeting Bortezomib to Bone Increases Its Bone Anabolic Activity and Reduces Systemic Adverse Effects in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 343-356.	2.8	23
18	Bisphosphonates for delivering drugs to bone. <i>British Journal of Pharmacology</i> , 2021, 178, 2008-2025.	5.4	21

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19	Toward the Development of a General Chiral Auxiliary. A Remarkable, Highly Diastereoselective, Auxiliary-Mediated Substitution: Application to an Enantioselective Synthesis of the Cyclohexene Subunit of (+)-Tetronolide. <i>Journal of Organic Chemistry</i> , 1996, 61, 7238-7239.	3.2	20
20	Facile Preparation and Functionalization of Chiral Stabilized Ylides from Common Chiral Auxiliaries Using Triphenyl-phosphoranylideneacetone (the Bestmann Ylide) and Their Use in Wittig Reactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 8969-8972.	3.2	20
21	Synthetic and Mechanistic Studies of the Aza-Retro-Claisen Rearrangement. A Facile Route to Medium Ring Nitrogen Heterocycles. <i>Organic Letters</i> , 2010, 12, 1628-1631.	4.6	18
22	Targeting Notch Inhibitors to the Myeloma Bone Marrow Niche Decreases Tumor Growth and Bone Destruction without Gut Toxicity. <i>Cancer Research</i> , 2021, 81, 5102-5114.	0.9	13
23	Diels-Alder Reactions of Cyclic Isoimidium Salts. <i>Organic Letters</i> , 2010, 12, 4524-4527.	4.6	10
24	Studies culminating in the total synthesis and determination of the absolute configuration of (âˆ—)-saudin. <i>Tetrahedron</i> , 2011, 67, 9787-9808.	1.9	7
25	Scalable Synthesis of (âˆ—)-Rasfonin Enabled by a Convergent Enantioselective $\hat{\pm}$ -Hydroxymethylation Strategy. <i>Organic Letters</i> , 2018, 20, 5062-5065.	4.6	6
26	The Notch pathway regulates the bone gain induced by PTH anabolic signaling. <i>FASEB Journal</i> , 2022, 36, e22196.	0.5	5
27	Bone-Targeted Bortezomib Inhibits Bortezomib-Resistant Multiple Myeloma in Mice by Providing Higher Levels of Bortezomib in Bone. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 629-642.	2.8	3