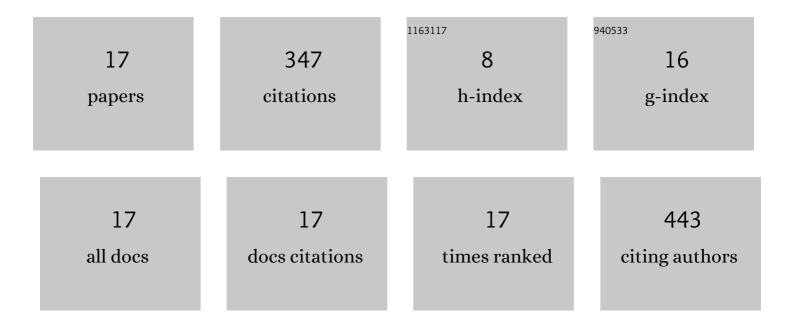
Brenton DeBoef

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Oxidative Cross-Coupling of sp ³ - and sp ² -Hybridized C–H Bonds: Vanadium-Catalyzed Aminomethylation of Imidazo[1,2- <i>a</i>]pyridines. Organic Letters, 2015, 17, 5208-5211. | 4.6 | 64 |
| 2 | Iron-Catalyzed Arylation of Heterocycles via Directed C–H Bond Activation. Organic Letters, 2014, 16, 868-871. | 4.6 | 60 |
| 3 | In vivo detection of cucurbit[6]uril, a hyperpolarized xenon contrast agent for a xenon magnetic resonance imaging biosensor. Scientific Reports, 2017, 7, 41027. | 3.3 | 55 |
| 4 | Vanadyl Acetylacetonate Catalyzed Methylenation of Imidazo[1,2â€ <i>a</i>]pyridines by Using Dimethylacetamide as a Methylene Source: Direct Access to Bis(imidazo[1,2â€ <i>a</i>]pyridinâ€3â€yl)methanes. Advanced Synthesis and Catalysis, 2016, 358, 2108-2115. | 4.3 | 47 |
| 5 | A Green Multicomponent Reaction for the Organic Chemistry Laboratory. The Aqueous Passerini Reaction. Journal of Chemical Education, 2009, 86, 1077. | 2.3 | 29 |
| 6 | Intramolecular arylation of benzimidazoles via Pd(II)/Cu(I) catalyzed cross-dehydrogenative coupling. Tetrahedron Letters, 2014, 55, 1729-1732. | 1.4 | 21 |
| 7 | Cyclodextrin-Based Pseudorotaxanes: Easily Conjugatable Scaffolds for Synthesizing Hyperpolarized Xenon-129 Magnetic Resonance Imaging Agents. ACS Omega, 2018, 3, 677-681. | 3.5 | 14 |
| 8 | HyperCEST detection of cucurbit[6]uril in whole blood using an ultrashort saturation Preâ€pulse train. Contrast Media and Molecular Imaging, 2016, 11, 285-290. | 0.8 | 13 |
| 9 | Decacationic Pillar[5]arene: A New Scaffold for the Development of ¹²⁹ Xe MRI Imaging Agents. ACS Omega, 2020, 5, 27783-27788. | 3.5 | 9 |
| 10 | Transition-metal free umpolung carbon–nitrogen versus carbon–chlorine bond formation. Tetrahedron Letters, 2015, 56, 5610-5612. | 1.4 | 8 |
| 11 | Solution-Phase Synthesis of Dipeptides: A Capstone Project That Employs Key Techniques in an Organic Laboratory Course. Journal of Chemical Education, 2015, 92, 1536-1538. | 2.3 | 7 |
| 12 | A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. Supramolecular Chemistry, 2019, 31, 545-557. | 1.2 | 6 |
| 13 | Cyclodextrin-Based Contrast Agents for Medical Imaging. Molecules, 2020, 25, 5576. | 3.8 | 5 |
| 14 | Unnarmicin D, an Anti-inflammatory Cyanobacterial Metabolite with δand μ Opioid Binding Activity Discovered via a Pipeline Approach Designed to Target Neurotherapeutics. ACS Chemical Neuroscience, 2020, 11, 4478-4488. | 3.5 | 5 |
| 15 | FeCl2-Mediated Rearrangement of Allylic Alcohols. ACS Omega, 2019, 4, 6077-6083. | 3.5 | 2 |
| 16 | Impact of chronic stylet-feeder infestation on folivore-induced signaling and defenses in a conifer. Tree Physiology, 2021, 41, 416-427. | 3.1 | 2 |
| 17 | Development of Spray-Dried Cyclodextrin-Based Pediatric Anti-HIV Formulations. AAPS PharmSciTech, 2021, 22, 193. | 3.3 | 0 |