

# Shugao Zhu

## List of Publications by Year in descending order

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11  
papers

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citations

933447

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1281871

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18  
docs citations

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times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Streamlined Total Synthesis of Trioxacarcins and Its Application to the Design, Synthesis, and Biological Evaluation of Analogues Thereof. Discovery of Simpler Designed and Potent Trioxacarcin Analogues. <i>Journal of the American Chemical Society</i> , 2017, 139, 15467-15478.	13.7	14
2	Total Synthesis of Trioxacarcins DC-45-A1, A, D, C, and C7 <sup>3-epi</sup> -C and Full Structural Assignment of Trioxacarcin C. <i>Journal of the American Chemical Society</i> , 2016, 138, 3118-3124.	13.7	39
3	Asymmetric Total Syntheses of Aspidodasycarpine, Lonicerine, and the Proposed Structure of Lanciferine. <i>Journal of the American Chemical Society</i> , 2016, 138, 3982-3985.	13.7	85
4	Gold(I)-Catalyzed Decarboxylation of Propargyl Carbonates: Reactivity Reversal of the Gold Catalyst from $\sigma$ -Lewis Acidity to $\pi$ -Lewis Acidity. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1259-1269.	4.3	16
5	Gold-Catalyzed Cyclization of 3-(2-Azidoaryl)-1-arylpropargyl Carbonates or 3-Aryl-1-(2-azidoaryl)propargyl Carbonates to Produce Quinolines. <i>Journal of Organic Chemistry</i> , 2013, 78, 9120-9126.	3.2	35
6	Synthesis of Polycyclic Isoindoline Derivatives via Tandem Pd-Catalyzed Coupling, Propargyl $\rightarrow$ Allenyl Isomerization, [4 + 2] Cycloaddition and Aromatization Reaction. <i>Journal of Organic Chemistry</i> , 2012, 77, 10409-10415.	3.2	19
7	Chemoselective synthesis of highly substituted 1,2-allenyl ketones, furans, and 2-alkynyl ketones from reaction of lithium selenolates with 1-(1-alkynyl)cyclopropyl ketones and electrophiles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3705.	2.8	4
8	Palladium(0)-catalyzed cyclization of 1,6-diyne-3-yl carbonates with a nucleophilic functionality: efficient synthesis of polycyclic benzo[b]fluorene derivatives via allene intermediates. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3696.	2.8	12
9	Palladium-catalyzed sequential reaction via Sonogashira coupling, isomerization, Claisen rearrangement and [4 + 2] cycloaddition sequence for the rapid synthesis of tricyclo[3.2.1.0 <sup>2,7</sup> ]oct-3-ene derivatives. <i>RSC Advances</i> , 2012, 2, 132-134.	3.6	12
10	Palladium-Catalyzed Sequential Reactions <i>via</i> Allene Intermediates for the Rapid Synthesis of Fused Polycyclic Pyrrole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3118-3122.	4.3	45
11	Unexpected Pd-Catalyzed Coupling, Propargyl $\rightarrow$ Allenyl Isomerization and Alder $\rightarrow$ Ene Reaction: Facile Synthesis of Some Not Readily Available 2,3-Dihydrofuran Derivatives. <i>Journal of Organic Chemistry</i> , 2009, 74, 4118-4123.	3.2	48