

# Takuya Suga

## List of Publications by Year in descending order

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19  
papers

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citations

759233

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#	ARTICLE	IF	CITATIONS
1	Direct and Unified Access to Carbon Radicals from Aliphatic Alcohols by Cost-Efficient Titanium-Mediated Homolytic C–OH Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
2	Highly ( <i>E</i> )-Selective Trisubstituted Alkene Synthesis by Low-Valent Titanium-Mediated Homolytic Cleavage of Alcohol C–O Bond. <i>Journal of Organic Chemistry</i> , 2022, 87, 7487-7493.	3.2	4
3	Conjugate Addition of Acetal-Derived Benzyl Radicals Generated from Low-Valent Titanium-Mediated C–O Bond Cleavage. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1258-1260.	3.2	5
4	One-Step Radical Cross Coupling Between Benzyl Alcohols and Alkenyl Halides Using Ni/Ti/Mn System. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5622-5626.	4.3	11
5	Synthesis of 3,6-Dihydro-2 <i>H</i> -1,2-oxazines via Dimethylsulfoxonium Methylide Addition to $\hat{1},\hat{2}$ -Unsaturated Nitrones. <i>Journal of Organic Chemistry</i> , 2020, 85, 11258-11264.	3.2	8
6	Rh-Catalyzed Direct Carboxylation of Alkenyl C–H Bonds of Alkenylpyrazoles. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1941-1944.	3.3	15
7	Enantioselective Dehydroxyhydrogenation of 3-Indolylmethanols by the Combined Use of Benzothiazoline and Chiral Phosphoric Acid: Construction of a Tertiary Carbon Center. <i>Organic Letters</i> , 2020, 22, 2225-2229.	4.6	17
8	Nickel-Catalyzed Cross-Electrophile Coupling between Benzyl Alcohols and Aryl Halides Assisted by Titanium Co-reductant. <i>Organic Letters</i> , 2018, 20, 7846-7850.	4.6	67
9	Low-Valent Titanium-Mediated Radical Conjugate Addition Using Benzyl Alcohols as Benzyl Radical Sources. <i>Organic Letters</i> , 2018, 20, 5389-5392.	4.6	53
10	Synthesis of Sterically Fixed Phytochrome Chromophore Derivatives Bearing a 15E-Fixed or 15E-Anti-Fixed CD-Ring Component. <i>Journal of Organic Chemistry</i> , 2018, 83, 10743-10748.	3.2	1
11	Formal Total Synthesis of Manzacidin C Based on Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Imines. <i>Journal of Organic Chemistry</i> , 2017, 82, 1969-1976.	3.2	21
12	Niobium( $\nu$ )-catalyzed defluorinative triallylation of $\hat{1},\hat{1},\hat{1}$ -trifluorotoluene derivatives by triple C–F bond activation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1767-1770.	2.8	22
13	Palladium-catalyzed C–H Alkenylation of <i>C</i> -Aryl Nitrones. <i>Chemistry Letters</i> , 2017, 46, 45-47.	1.3	8
14	Mechanistic study of the rhodium-catalyzed carboxylation of simple aromatic compounds with carbon dioxide. <i>Chemical Science</i> , 2017, 8, 1454-1462.	7.4	64
15	Versatile and highly efficient oxidative C(sp <sup>3</sup> )–H bond functionalization of tetrahydroisoquinoline promoted by bifunctional diethyl azodicarboxylate (DEAD): scope and mechanistic insights. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1259-1264.	4.5	25
16	Direct carboxylation of simple arenes with CO <sub>2</sub> through a rhodium-catalyzed C–H bond activation. <i>Chemical Communications</i> , 2014, 50, 14360-14363.	4.1	132
17	Construction of Cyclohepta[b]indoles via Platinum-Catalyzed Intermolecular Formal [4+3]-Cycloaddition Reaction of $\hat{1},\hat{2}$ -Unsaturated Carbene Complex Intermediates with Siloxydienes. <i>Synlett</i> , 2013, 24, 1364-1370.	1.8	28
18	Platinum(II)-Catalyzed Generation and [3+2] Cycloaddition Reaction of $\hat{1},\hat{2}$ -Unsaturated Carbene Complex Intermediates for the Preparation of Polycyclic Compounds. <i>Journal of the American Chemical Society</i> , 2011, 133, 689-691.	13.7	102

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19	Direct and Unified Access to Carbon Radicals from Aliphatic Alcohols by Cost-Efficient Titanium-Mediated Homolytic C–OH Bond Cleavage. <i>Angewandte Chemie</i> , 0, , .	2.0	4