

# Seoung-Tae Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9128864/publications.pdf>

Version: 2024-02-01

13  
papers

607  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pitfalls in Computational Modeling of Chemical Reactions and How To Avoid Them. <i>Organometallics</i> , 2018, 37, 3228-3239.	2.3	133
2	Synthesis and reactivity of a mononuclear non-haem cobalt(IV)-oxo complex. <i>Nature Communications</i> , 2017, 8, 14839.	12.8	132
3	CuH-Catalyzed Enantioselective Alkylation of Indole Derivatives with Ligand-Controlled Regiodivergence. <i>Journal of the American Chemical Society</i> , 2019, 141, 3901-3909.	13.7	111
4	Chemoselective Coupling of 1,1-Bis[(pinacolato)boryl]alkanes for the Transition-Metal-Free Borylation of Aryl and Vinyl Halides: A Combined Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2017, 139, 976-984.	13.7	61
5	Ancillary ligand increases the efficiency of heteroleptic Ir-based triplet emitters in OLED devices. <i>Nature Communications</i> , 2020, 11, 2292.	12.8	28
6	Stereoselective construction of sterically hindered oxaspirocycles <i>via</i> chiral bidentate directing group-mediated C(sp <sup>3</sup> )–O bond formation. <i>Chemical Science</i> , 2018, 9, 1473-1480.	7.4	28
7	Dual Mode Radiative Transition from a Phenoselenazine Derivative and Electrical Switching of the Emission Mechanism. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5591-5600.	4.6	26
8	Mechanism of Palladium-Catalyzed C–N Coupling with 1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU) as a Base. <i>ACS Catalysis</i> , 2019, 9, 6851-6856.	11.2	23
9	Purely organic phosphorescent organic light emitting diodes using alkyl modified phenoselenazine. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8233-8238.	5.5	19
10	How bulky ligands control the chemoselectivity of Pd-catalyzed <i>N</i> -arylation of ammonia. <i>Chemical Science</i> , 2020, 11, 1017-1025.	7.4	18
11	Ruthenium catalyzes the synthesis of $\beta^3$ -butenolides fused with cyclohexanones. <i>Chemical Communications</i> , 2019, 55, 2940-2943.	4.1	15
12	Direct Stereoconvergent Allylation of Chiral Alkylcopper Nucleophiles with Racemic Allylic Phosphates. <i>Chemistry - A European Journal</i> , 2020, 26, 2592-2596.	3.3	8
13	Reductive activation of Pd <sup>II</sup> -precatalysts <i>via</i> decarboxylation of pivalate in direct C–H arylation reactions. <i>Chemical Communications</i> , 2020, 56, 13868-13871.	4.1	5