# Yuto Sumida

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5518023/publications.pdf

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|---|---|---|---|
| 36 papers | 1,205 citations | 361413 20 h-index | 377865 34 g-index |
| 46 all docs | 46 docs citations | 46 times ranked | 1310 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structure-activity relationship for the folding intermediate-selective inhibition of DYRK1A. European Journal of Medicinal Chemistry, 2022, 227, 113948. | 5.5 | 6 |
| 2 | Direct Photoexcitation of Borate Enabling Minisci Reaction. Asian Journal of Organic Chemistry, 2022, 11, . | 2.7 | 8 |
| 3 | Direct Photoexcitable Iodomethylborate Enabling Cyclopropanation of Reactive Alkenes. Bulletin of the Chemical Society of Japan, 2022, 95, 1001-1005. | 3.2 | 2 |
| 4 | Organic Photoredox-Catalyzed Silyl Radical Generation from Silylboronate. ACS Catalysis, 2022, 12, 7804-7810. | 11.2 | 49 |
| 5 | Fluorescent-Oxaboroles: Synthesis and Optical Property by Sugar Recognition. Chemical and Pharmaceutical Bulletin, 2021, 69, 526-528. | 1.3 | 2 |
| 6 | Generation of Functionalized Alkyl Radicals via the Direct Photoexcitation of 2,2â€²-(Pyridine-2,6-diyl)diphenol-Based Borates. Organic Letters, 2021, 23, 5865-5870. | 4.6 | 21 |
| 7 | Direct excitation strategy for radical generation in organic synthesis. Chemical Society Reviews, 2021, 50, 6320-6332. | 38.1 | 103 |
| 8 | Light-Driven N-Heterocyclic Carbene Catalysis Using Alkylborates. ACS Catalysis, 2021, 11, 12886-12892. | 11.2 | 67 |
| 9 | Synthesis of Dibenzofurans by Cu-Catalyzed Deborylative Ring Contraction of Dibenzoxaborins. Organic Letters, 2020, 22, 6687-6691. | 4.6 | 12 |
| 10 | Boracene-based alkylborate enabled Ni/Ir hybrid catalysis. Organic and Biomolecular Chemistry, 2020, 18, 6598-6601. | 2.8 | 11 |
| 11 | Generation of Alkyl Radical through Direct Excitation of Boracene-Based Alkylborate. Journal of the American Chemical Society, 2020, 142, 9938-9943. | 13.7 | 69 |
| 12 | Aliphatic Oxaboroles Enabling Remarkable Recognition of Diols. Bulletin of the Chemical Society of Japan, 2020, 93, 576-580. | 3.2 | 5 |
| 13 | Hydrosilyl Group-directed Iridium-catalyzed peri-Selective Câ€“H Borylation of Ring-fused (Hetero)Arenes. Chemistry Letters, 2018, 47, 1251-1254. | 1.3 | 9 |
| 14 | Prenatal neurogenesis induction therapy normalizes brain structure and functions in Down syndrome mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR24-5. | 0.0 | 0 |
| 15 | A study on an unusual SN2 mechanism in the methylation of benzyne through nickel-complexation. Physical Chemistry Chemical Physics, 2017, 19, 26926-26933. | 2.8 | 4 |
| 16 | Prenatal neurogenesis induction therapy normalizes brain structure and function in Down syndrome mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10268-10273. | 7.1 | 66 |
| 17 | Nickel-Catalyzed Reductive Cross-Coupling of Aryl Triflates and Nonaflates with Alkyl Iodides. Synthesis, 2017, 49, 3590-3601. | 2.3 | 11 |
| 18 | Preparation of Aryneâ€“Nickel Complexes from ortho-Borylaryl Triflates. Organic Letters, 2016, 18, 5600-5603. | 4.6 | 43 |

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|---|---|---|---|
| 19 | Selective inhibition of the kinase DYRK1A by targeting its folding process. Nature Communications, 2016, 7, 11391. | 12.8 | 66 |
| 20 | Identification of a DYRK1A Inhibitor that Induces Degradation of the Target Kinase using Co-chaperone CDC37 fused with Luciferase nanoKAZ. Scientific Reports, 2015, 5, 12728. | 3.3 | 31 |
| 21 | An Alternative Method for Generating Arynes from ortho-Silylaryl Triflates: Activation by Cesium Carbonate in the Presence of a Crown Ether. Molecules, 2015, 20, 10131-10140. | 3.8 | 50 |
| 22 | Design and synthesis of a potent inhibitor of class 1 DYRK kinases as a suppressor of adipogenesis. Bioorganic and Medicinal Chemistry, 2015, 23, 4434-4441. | 3.0 | 26 |
| 23 | Concise Synthesis of v-Coelenterazines. Organic Letters, 2015, 17, 3888-3891. | 4.6 | 17 |
| 24 | Boron-Selective Biaryl Coupling Approach to Versatile Dibenzoxaborins and Application to Concise Synthesis of Defucogilvocarcin M. Organic Letters, 2014, 16, 6240-6243. | 4.6 | 71 |
| 25 | Generation of Arynes via Ate Complexes of Arylboronic Esters with an ortho-Leaving Group. Organic Letters, 2013, 15, 2806-2809. | 4.6 | 73 |
| 26 | Palladium-Catalyzed Regio- and Stereoselective Hydrosilylation of Electron-Deficient Alkynes. Organic Letters, 2012, 14, 1552-1555. | 4.6 | 69 |
| 27 | Asymmetric Synthesis based on the Formation of Chiral Boron ^|^ldquo;Ate^|^rdquo; Complex. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2012, 70, 854-855. | 0.1 | 0 |
| 28 | Primer Preactivation of Peptidoglycan Polymerases. Journal of the American Chemical Society, 2011, 133, 8528-8530. | 13.7 | 33 |
| 29 | Nickel-Catalyzed Arylative Ring-Opening of 3-Methylenecycloalkane-1,1-dicarboxylates. Organic Letters, 2010, 12, 2254-2257. | 4.6 | 25 |
| 30 | Palladium-Catalyzed Preparation of Silyl Enolates from Î±,Î²-Unsaturated Ketones or Cyclopropyl Ketones with Hydrosilanes. Journal of Organic Chemistry, 2009, 74, 7986-7989. | 3.2 | 53 |
| 31 | Nickel-Catalyzed Borylation of Aryl Cyclopropyl Ketones with Bis(pinacolato)diboron to Synthesize 4-Oxoalkylboronates. Journal of Organic Chemistry, 2009, 74, 3196-3198. | 3.2 | 41 |
| 32 | Radical Addition of Polyhaloalkanes to 2-Ethynyl-4,4,5,5-tetramethyl-1,3,2-dioxaborolane. Bulletin of the Chemical Society of Japan, 2009, 82, 1433-1435. | 3.2 | 6 |
| 33 | Rhodiumâ€Catalyzed Allylation of Aldehydes with Homoallylic Alcohols by Retroallylation and Isomerization to Saturated Ketones with Conventional or Microwave Heating. Chemistry - an Asian Journal, 2008, 3, 119-125. | 3.3 | 31 |
| 34 | Nickel-Catalyzed Borylative Ring-Opening Reaction of Vinylcyclopropanes with Bis(pinacolato)diboron Yielding Allylic Boronates. Organic Letters, 2008, 10, 4677-4679. | 4.6 | 63 |
| 35 | Nickel-Catalyzed Allylation of Allyl Carbonates with Homoallyl Alcohols via Retro-Allylation Providing 1,5-Hexadienes. Organic Letters, 2008, 10, 1629-1632. | 4.6 | 50 |
| 36 | Discrepancy of the spectral data between adunctin E and the synthetic one. Tetrahedron Letters, 2007, 48, 5619-5622. | 1.4 | 12 |