

# Qinheng Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6434620/publications.pdf>

Version: 2024-02-01

23  
papers

1,887  
citations

331259

21  
h-index

676716

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1066  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The growing applications of SuFEx click chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 4731-4758.   | 18.7 | 311       |
| 2  | Bifluoride-catalysed sulfur(VI) fluoride exchange reaction for the synthesis of polysulfates and polysulfonates. <i>Nature Chemistry</i> , 2017, 9, 1083-1088.  | 6.6  | 222       |
| 3  | A Heck-Matsuda Process for the Synthesis of Arylenesulfonyl Fluorides: Selectively Addressable Bis-electrophiles for SuFEx Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14155-14158. | 7.2  | 151       |
| 4  | SuFEx-enabled, agnostic discovery of covalent inhibitors of human neutrophil elastase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18808-18814.               | 3.3  | 134       |
| 5  | SuFEx-Based Polysulfonate Formation from Ethenesulfonyl Fluoride-Amine Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11203-11208.   | 7.2  | 123       |
| 6  | CuI-Catalyzed C1-Alkynylation of Tetrahydroisoquinolines (THIQs) by A <sup>3</sup> Reaction with Tunable Iminium Ions. <i>Organic Letters</i> , 2013, 15, 5928-5931.  | 2.4  | 106       |
| 7  | Sulfur(VI) Fluoride Exchange (SuFEx)-Enabled High-Throughput Medicinal Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 10899-10904.   | 6.6  | 105       |
| 8  | Palladium-Catalyzed Fluorosulfonylvinylation of Organic Iodides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4849-4852.  | 7.2  | 95        |
| 9  | Sulfur [ <sup>18</sup> F]Fluoride Exchange Click Chemistry Enabled Ultrafast Late-Stage Radiosynthesis. <i>Journal of the American Chemical Society</i> , 2021, 143, 3753-3763.                                       | 6.6  | 89        |
| 10 | Ethenesulfonyl Fluoride (ESF): An On-Water Procedure for the Kilogram-Scale Preparation. <i>Journal of Organic Chemistry</i> , 2016, 81, 11360-11362.   | 1.7  | 82        |
| 11 | Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4552-4556.                                      | 7.2  | 63        |
| 12 | KRAS is vulnerable to reversible switch-II pocket engagement in cells. <i>Nature Chemical Biology</i> , 2022, 18, 596-604.  | 3.9  | 53        |
| 13 | A Heck-Matsuda Process for the Synthesis of Arylenesulfonyl Fluorides: Selectively Addressable Bis-electrophiles for SuFEx Click Chemistry. <i>Angewandte Chemie</i> , 2016, 128, 14361-14364.                        | 1.6  | 46        |
| 14 | Chemical Inhibition of ENL/AF9 YEATS Domains in Acute Leukemia. <i>ACS Central Science</i> , 2021, 7, 815-830.  | 5.3  | 46        |
| 15 | Targeting Gli transcription activation by small molecule suppresses tumor growth. <i>Oncogene</i> , 2014, 33, 2087-2097.  | 2.6  | 43        |
| 16 | Quantitative and Orthogonal Formation and Reactivity of SuFEx Platforms. <i>Chemistry - A European Journal</i> , 2018, 24, 10550-10556.   | 1.7  | 37        |
| 17 | Mild-Condition Synthesis of Allenes from Alkynes and Aldehydes Mediated by Tetrahydroisoquinoline (THIQ). <i>Journal of Organic Chemistry</i> , 2013, 78, 11783-11793.  | 1.7  | 35        |
| 18 | SuFEx-Based Polysulfonate Formation from Ethenesulfonyl Fluoride-Amine Adducts. <i>Angewandte Chemie</i> , 2017, 129, 11355-11360.  | 1.6  | 34        |

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|----|---|-----|-----------|
| 19 | Palladium-Catalyzed Fluorosulfonylvinylation of Organic Iodides. <i>Angewandte Chemie</i> , 2017, 129, 4927-4930.   | 1.6 | 31        |
| 20 | Drugging the Next Undruggable KRAS Allele-Gly12Asp. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3119-3122.  | 2.9 | 25        |
| 21 | Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie</i> , 2019, 131, 4600-4604.                       | 1.6 | 22        |
| 22 | Aryl Fluorosulfate Trapped Staudinger Reduction. <i>Organic Letters</i> , 2017, 19, 1582-1585.  | 2.4 | 21        |
| 23 | ¼cktitelbild: SuFEx-Based Polysulfonate Formation from Ethenesulfonyl Fluoride-Amine Adducts ( <i>Angew. Chem.</i> 37/2017). <i>Angewandte Chemie</i> , 2017, 129, 11428-11428. | 1.6 | 0         |