

Kaveh Matinkhoo

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Synthesis of the Death-Cap Mushroom Toxin Î±-Amanitin. <i>Journal of the American Chemical Society</i> , 2018, 140, 6513-6517. | 13.7 | 72 |
| 2 | Synthesis of a Cytotoxic Amanitin for Biorthogonal Conjugation. <i>ChemBioChem</i> , 2015, 16, 1420-1425. | 2.6 | 26 |
| 3 | Meeting key synthetic challenges in amanitin synthesis with a new cytotoxic analog: 5â€²-hydroxy-6â€²-deoxy-amanitin. <i>Chemical Science</i> , 2020, 11, 11927-11935. | 7.4 | 8 |
| 4 | Design, Synthesis, and Biochemical Evaluation of Alphaâ€²-Amanitin Derivatives Containing Analogs of the <i>trans</i> -Hydroxyproline Residue for Potential Use in Antibodyâ€²Drug Conjugates. <i>Chemistry - A European Journal</i> , 2021, 27, 10282-10292. | 3.3 | 7 |
| 5 | Synthesis and preliminary evaluation of octreotate conjugates of bioactive synthetic amatoxins for targeting somatostatin receptor (sstr2) expressing cells. <i>RSC Chemical Biology</i> , 2022, 3, 69-78. | 4.1 | 7 |
| 6 | Scaling Amatoxin Synthesis with an Improved Route to (2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i>)-Dihydroxyisoleucine Exemplified by a Toxic, Clickable Î±-Amanitin Analogue. <i>Journal of Organic Chemistry</i> , 2021, 86, 5362-5370. | 3.2 | 4 |
| 7 | Synthesis and evaluation of â€œAma-Flashâ€², a photocaged amatoxin prodrug for light-activated RNA Pol II inhibition and cell death. <i>Chemical Communications</i> , 2021, 57, 9558-9561. | 4.1 | 2 |