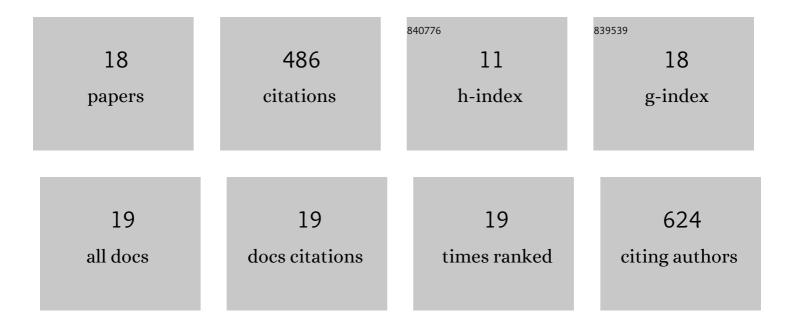
## Stephan Rigol

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8363749/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Design, Synthesis, and Biological Evaluation of Tubulysin Analogues, Linker-Drugs, and Antibody–Drug Conjugates, Insights into Structure–Activity Relationships, and Tubulysin–Tubulin Binding Derived from X-ray Crystallographic Analysis. Journal of Organic Chemistry, 2021, 86, 3377-3421.	3.2	5
2	A Reverse Approach to the Total Synthesis of Halichondrin B. Journal of the American Chemical Society, 2021, 143, 9267-9276.	13.7	16
3	Uncialamycin-based antibody–drug conjugates: Unique enediyne ADCs exhibiting bystander killing effect. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
4	A Highly Convergent Total Synthesis of Norhalichondrin B. Journal of the American Chemical Society, 2021, , .	13.7	5
5	Perspectives from nearly five decades of total synthesis of natural products and their analogues for biology and medicine. Natural Product Reports, 2020, 37, 1404-1435.	10.3	45
6	The Role of Organic Synthesis in the Emergence and Development of Antibody–Drug Conjugates as Targeted Cancer Therapies. Angewandte Chemie - International Edition, 2019, 58, 11206-11241.	13.8	75
7	Die Bedeutung der organischen Synthese bei der Entstehung und Entwicklung von Antikörperâ€Wirkstoffâ€Konjugaten als gezielte Krebstherapien. Angewandte Chemie, 2019, 131, 11326-1136	53. <sup>2.0</sup>	11
8	Short Total Synthesis of Δ <sup>12</sup> -Prostaglandin J <sub>2</sub> and Related Prostaglandins. Design, Synthesis, and Biological Evaluation of Macrocyclic Δ <sup>12</sup> -Prostaglandin J <sub>2</sub> Analogues. Journal of Organic Chemistry, 2019, 84, 365-378.	3.2	15
9	Total Synthesis in Search of Potent Antibody–Drug Conjugate Payloads. From the Fundamentals to the Translational. Accounts of Chemical Research, 2019, 52, 127-139.	15.6	34
10	A brief history of antibiotics and select advances in their synthesis. Journal of Antibiotics, 2018, 71, 153-184.	2.0	121
11	The Evolution and Impact of Total Synthesis on Chemistry, Biology and Medicine. Israel Journal of Chemistry, 2017, 57, 179-191.	2.3	5
12	Experimental Evolution of Diverse Strains as a Method for the Determination of Biochemical Mechanisms of Action for Novel Pyrrolizidinone Antibiotics. ACS Infectious Diseases, 2017, 3, 854-865.	3.8	6
13	Streamlined Total Synthesis of Trioxacarcins and Its Application to the Design, Synthesis, and Biological Evaluation of Analogues Thereof. Discovery of Simpler Designed and Potent Trioxacarcin Analogues. Journal of the American Chemical Society, 2017, 139, 15467-15478.	13.7	14
14	Enantioselective Total Synthesis of Antibiotic CJ-16,264, Synthesis and Biological Evaluation of Designed Analogues, and Discovery of Highly Potent and Simpler Antibacterial Agents. Journal of the American Chemical Society, 2017, 139, 15868-15877.	13.7	19
15	Total Synthesis of Δ <sup>12</sup> â€Prostaglandin J <sub>3</sub> : Evolution of Synthetic Strategies to a Streamlined Process. Chemistry - A European Journal, 2016, 22, 8559-8570.	3.3	22
16	Synthesis and Biological Investigation of Δ12-Prostaglandin J3 (Δ12-PGJ3) Analogues and Related Compounds. Journal of the American Chemical Society, 2016, 138, 6550-6560.	13.7	33
17	Synthesis of a hexasaccharide partial sequence of hyaluronan for click chemistry and more. Beilstein Journal of Organic Chemistry, 2015, 11, 604-607.	2.2	4
18	Total Synthesis Endeavors and Their Contributions to Science and Society:A Personal Account. CCS Chemistry, 0, , 3-37.	7.8	34