

# Guillaume Mata

## List of Publications by Year in descending order

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25  
papers

740  
citations

567281

15  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forging Odd-Membered Rings: Palladium-Catalyzed Asymmetric Cycloadditions of Trimethylenemethane. <i>Accounts of Chemical Research</i> , 2020, 53, 1293-1305.	15.6	98
2	Dinuclear Metal-ProPhenol Catalysts: Development and Synthetic Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4240-4261.	13.8	68
3	Fluorescent Probe for Proton-Coupled DNA Folding Revealing Slow Exchange of <i>i</i> -Motif and Duplex Structures. <i>Journal of the American Chemical Society</i> , 2015, 137, 699-707.	13.7	64
4	Enantio- and Diastereoselective Synthesis of Chiral Allenes by Palladium-Catalyzed Asymmetric [3+2] Cycloaddition Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12916-12920.	13.8	64
5	Enantioselective Palladium-Catalyzed [3+2]-Cycloaddition of Trimethylenemethane and Fluorinated Ketones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12333-12337.	13.8	55
6	A Highly Fluorescent Nucleobase Molecular Rotor. <i>Journal of the American Chemical Society</i> , 2020, 142, 14422-14426.	13.7	41
7	Artificial Nucleobase "Amino Acid Conjugates: A New Class of TAR RNA Binding Agents. <i>Chemistry - A European Journal</i> , 2014, 20, 2071-2079.	3.3	33
8	A fluorescent surrogate of thymidine in duplex DNA. <i>Chemical Communications</i> , 2016, 52, 4718-4721.	4.1	33
9	Total Synthesis of Callyspongiolide, Part 2: The Ynoate Metathesis/ <i>cis</i> -Reduction Strategy. <i>Chemistry - A European Journal</i> , 2019, 25, 255-259.	3.3	33
10	Synthesis and Solvatochromic Fluorescence of Biaryl Pyrimidine Nucleosides. <i>Organic Letters</i> , 2013, 15, 2462-2465.	4.6	32
11	Fluorescent Base Analogue Reveals T-Hg <sup>II</sup> -T Base Pairs Have High Kinetic Stabilities That Perturb DNA Metabolism. <i>Journal of the American Chemical Society</i> , 2016, 138, 14733-14739.	13.7	32
12	HgII binds to C "T mismatches with high affinity. <i>Nucleic Acids Research</i> , 2018, 46, 6470-6479.	14.5	30
13	Discovery of Potent and Selective PI3K <sup>Î</sup> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11235-11257.	6.4	28
14	Synthesis and Molecular Editing of Callyspongiolide, Part 1: The Alkyne Metathesis/ <i>trans</i> -Reduction Strategy. <i>Chemistry - A European Journal</i> , 2019, 25, 246-254.	3.3	23
15	Enantioselective Palladium-Catalyzed [3+2]-Cycloaddition of Trimethylenemethane and Fluorinated Ketones. <i>Angewandte Chemie</i> , 2018, 130, 12513-12517.	2.0	18
16	Enantio- and Diastereoselective Synthesis of Chiral Allenes by Palladium-Catalyzed Asymmetric [3+2] Cycloaddition Reactions. <i>Angewandte Chemie</i> , 2018, 130, 13098-13102.	2.0	17
17	Direct Enantio- and Diastereoselective Zn-ProPhenol-Catalyzed Mannich Reactions of CF <sub>3</sub> - and SCF <sub>3</sub> -Substituted Ketones. <i>Organic Letters</i> , 2020, 22, 2437-2441.	4.6	16
18	Stereoselective <i>N</i> -Glycosylation of 2-Deoxythioribosides for Fluorescent Nucleoside Synthesis. <i>Journal of Organic Chemistry</i> , 2012, 77, 9006-9017.	3.2	15

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19	Zweikernige Metall- $\sigma$ -Prophenol-Katalysatoren: Entwicklung und Anwendungen in der Synthese. <i>Angewandte Chemie</i> , 2020, 132, 4268-4291.	2.0	13
20	Discovery of Potent and Selective 7-Azaindole Isoindolinone-Based PI3K $\beta$ Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2244-2252.	2.8	13
21	Design, Synthesis, and Structure-Activity Relationship Optimization of Pyrazolopyrimidine Amide Inhibitors of Phosphoinositide 3-Kinase $\beta$ (PI3K $\beta$ ). <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1418-1444.	6.4	9
22	Synthesis and structure of a hydrogenated zinc hemiporphyrine. <i>Chemical Communications</i> , 2013, 49, 4280-4282.	4.1	2
23	Total Synthesis in the Trost Laboratories: Selected Milestones From the Past Twenty Years. <i>Israel Journal of Chemistry</i> , 2021, 61, 427-468.	2.3	2
24	Fluorescent Purine Analogs that Shed Light on DNA Structure and Function. , 0, , 242-275.		1
25	Discovery and Characterization of a Potent and Selective Inhibitor for Human Phosphoinositide-3-kinase $\beta$ . <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0