

# Ren-Yu Qu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5587663/publications.pdf>

Version: 2024-02-01

19  
papers

856  
citations

687363

13  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Cross-Coupling Reactions: A Powerful Tool for the Synthesis of Agrochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8914-8934.	5.2	266
2	An overview of spirooxindole as a promising scaffold for novel drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 603-625.	5.0	157
3	Diaryl Ether: A Privileged Scaffold for Drug and Agrochemical Discovery. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9839-9877.	5.2	70
4	Where are the new herbicides?. <i>Pest Management Science</i> , 2021, 77, 2620-2625.	3.4	65
5	Design, Synthesis, and Herbicidal Activity of Pyrimidine-Biphenyl Hybrids as Novel Acetohydroxyacid Synthase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3773-3782.	5.2	54
6	Triazolopyrimidines as a New Herbicidal Lead for Combating Weed Resistance Associated with Acetohydroxyacid Synthase Mutation. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4845-4857.	5.2	39
7	An Activity-Based Fluorogenic Probe Enables Cellular and in Vivo Profiling of Carboxylesterase Isozymes. <i>Analytical Chemistry</i> , 2020, 92, 9205-9213.	6.5	37
8	Structure-Guided Discovery of Silicon-Containing Subnanomolar Inhibitor of Hydroxyphenylpyruvate Dioxygenase as a Potential Herbicide. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 459-473.	5.2	33
9	Synthesis and Herbicidal Activity of Triketone-Aminopyridines as Potent 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5734-5745.	5.2	26
10	Discovery of New 2-[(4,6-Dimethoxy-1,3,5-triazin-2-yl)oxy]-6-(substituted phenoxy)benzoic Acids as Flexible Inhibitors of <i>Arabidopsis thaliana</i> Acetohydroxyacid Synthase and Its P197L Mutant. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 11170-11178.	5.2	21
11	Pharmacophore-Oriented Discovery of Novel 1,2,3-Benzotriazine-4-one Derivatives as Potent 4-Hydroxyphenylpyruvate Dioxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6644-6657.	5.2	21
12	Computational design of novel inhibitors to overcome weed resistance associated with acetohydroxyacid synthase (AHAS) P197L mutant. <i>Pest Management Science</i> , 2017, 73, 1373-1381.	3.4	18
13	Fragment-based discovery of flexible inhibitor targeting wild-type acetohydroxyacid synthase and P197L mutant. <i>Pest Management Science</i> , 2020, 76, 3403-3412.	3.4	17
14	Efficient Arylation of 2,7-Naphthyridin-1(2H)-one with Diaryliodonium Salts and Discovery of a New Selective MET/AXL Kinase Inhibitor. <i>ACS Combinatorial Science</i> , 2020, 22, 457-467.	3.8	11
15	A Ratiometric Fluorescent Biosensor Reveals Dynamic Regulation of Long-Chain Fatty Acyl-CoA Esters Metabolism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13996-14004.	13.8	11
16	DISCOVERY OF TRIKETONE-QUINOXALINE HYBRIDS AS POTENT HPPD INHIBITORS USING STRUCTURE-BASED DRUG DESIGN. <i>Frontiers of Agricultural Science and Engineering</i> , 2022, 9, 133.	1.4	7
17	Observation of macrophage autophagy in the healing of diabetic ulcers via a lysosome-targeting polarity-specific two-photon probe. <i>RSC Advances</i> , 2022, 12, 3654-3661.	3.6	3
18	Cover Image, Volume 76, Issue 10. <i>Pest Management Science</i> , 2020, 76, i.	3.4	0

#	ARTICLE	IF	CITATIONS
19	A Ratiometric Fluorescent Biosensor Reveals Dynamic Regulation of Long-Chain Fatty Acyl-CoA Esters Metabolism. <i>Angewandte Chemie</i> , 2021, 133, 14115-14123.	2.0	0