

# David Parker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10438893/publications.pdf>

Version: 2024-02-01

13  
papers

1,184  
citations

759233

12  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic analysis reveals a common pattern of metabolic reprogramming during invasion of three host plant species by <i>Magnaporthe oryzae</i> . <i>Plant Journal</i> , 2009, 59, 723-737.	5.7	209
2	New cofactor supports $\alpha,\beta$ -unsaturated acid decarboxylation via 1,3-dipolar cycloaddition. <i>Nature</i> , 2015, 522, 497-501.	27.8	197
3	UbiX is a flavin prenyltransferase required for bacterial ubiquinone biosynthesis. <i>Nature</i> , 2015, 522, 502-506.	27.8	168
4	Metabolite signal identification in accurate mass metabolomics data with MZedDB, an interactive m/z annotation tool utilising predicted ionisation behaviour 'rules'. <i>BMC Bioinformatics</i> , 2009, 10, 227.	2.6	142
5	High-throughput, nontargeted metabolite fingerprinting using nominal mass flow injection electrospray mass spectrometry. <i>Nature Protocols</i> , 2008, 3, 486-504.	12.0	115
6	Preprocessing, classification modeling and feature selection using flow injection electrospray mass spectrometry metabolite fingerprint data. <i>Nature Protocols</i> , 2008, 3, 446-470.	12.0	114
7	Rice blast infection of <i>Brachypodium distachyon</i> as a model system to study dynamic host/pathogen interactions. <i>Nature Protocols</i> , 2008, 3, 435-445.	12.0	95
8	Explanatory signal interpretation and metabolite identification strategies for nominal mass FIE-MS metabolite fingerprints. <i>Nature Protocols</i> , 2008, 3, 471-485.	12.0	44
9	A multicriteria comparison of utilizing sugar cane bagasse for methanol to gasoline and butanol production. <i>Biomass and Bioenergy</i> , 2016, 95, 436-448.	5.7	32
10	Design, Sustainability Analysis and Multiobjective Optimisation of Ethanol Production via Syngas Fermentation. <i>Waste and Biomass Valorization</i> , 2019, 10, 865-876.	3.4	30
11	Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Plant Metabolite Profiling and Metabolite Identification. <i>Methods in Molecular Biology</i> , 2011, 860, 157-176.	0.9	20
12	Simulation Studies on Ethanol Production from Sugar Cane Residues. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 5173-5179.	3.7	14
13	Comparative Analysis of Synthetic Natural Gas versus Hydrogen Production from Bagasse. <i>Chemical Engineering and Technology</i> , 2017, 40, 546-554.	1.5	4