

Matthew A Carrigan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7879367/publications.pdf>

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10
papers

1,003
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1187
citing authors

#	ARTICLE	IF	CITATIONS
1	Is there a common chemical model for life in the universe?. <i>Current Opinion in Chemical Biology</i> , 2004, 8, 672-689.	6.1	330
2	Asphalt, Water, and the Prebiotic Synthesis of Ribose, Ribonucleosides, and RNA. <i>Accounts of Chemical Research</i> , 2012, 45, 2025-2034.	15.6	210
3	Synthesis of Carbohydrates in Mineral-Guided Prebiotic Cycles. <i>Journal of the American Chemical Society</i> , 2011, 133, 9457-9468.	13.7	202
4	Hominids adapted to metabolize ethanol long before human-directed fermentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 458-463.	7.1	96
5	Transcription, Reverse Transcription, and Analysis of RNA Containing Artificial Genetic Components. <i>ACS Synthetic Biology</i> , 2015, 4, 407-413.	3.8	46
6	Quantitative Analysis of a RNA-Cleaving DNA Catalyst Obtained via in Vitro Selection. <i>Biochemistry</i> , 2004, 43, 11446-11459.	2.5	41
7	2-Hydroxymethylboronate as a Reagent To Detect Carbohydrates: Application to the Analysis of the Formose Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 9503-9505.	3.2	40
8	Genetic evidence of widespread variation in ethanol metabolism among mammals: revisiting the 'myth' of natural intoxication. <i>Biology Letters</i> , 2020, 16, 20200070.	2.3	21
9	The Natural History of Class I Primate Alcohol Dehydrogenases Includes Gene Duplication, Gene Loss, and Gene Conversion. <i>PLoS ONE</i> , 2012, 7, e41175.	2.5	16
10	Is there a common chemical model for life in the universe?. , 2010, , 164-185.		1