

# Garrett Hellinghausen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4994143/publications.pdf>

Version: 2024-02-01

11  
papers

198  
citations

1163117

8  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective methodologies for enantiomeric separations of 150 pharmacology and toxicology related 1 <sup>o</sup> , 2 <sup>o</sup> , and 3 <sup>o</sup> amines with core-shell chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 70-81.	2.8	40
2	Evaluation of nicotine in tobacco-free nicotine commercial products. <i>Drug Testing and Analysis</i> , 2017, 9, 944-948.	2.6	32
3	A comprehensive methodology for the chiral separation of 40 tobacco alkaloids and their carcinogenic E/Z-(R,S)-tobacco-specific nitrosamine metabolites. <i>Talanta</i> , 2018, 181, 132-141.	5.5	26
4	Increasing chromatographic resolution of analytical signals using derivative enhancement approach. <i>Talanta</i> , 2019, 192, 492-499.	5.5	21
5	Mass Spectrometry-Compatible Enantiomeric Separations of 100 Pesticides Using Core-Shell Chiral Stationary Phases and Evaluation of Iterative Curve Fitting Models for Overlapping Peaks. <i>Chromatographia</i> , 2019, 82, 221-233.	1.3	21
6	Power Law Approach as a Convenient Protocol for Improving Peak Shapes and Recovering Areas from Partially Resolved Peaks. <i>Chromatographia</i> , 2019, 82, 211-220.	1.3	18
7	Evaluation of the Edman degradation product of vancomycin bonded to core-shell particles as a new HPLC chiral stationary phase. <i>Chirality</i> , 2018, 30, 1067-1078.	2.6	13
8	Cyclofructans as Chiral Selectors: An Overview. <i>Methods in Molecular Biology</i> , 2019, 1985, 183-200.	0.9	9
9	Improving peak capacities over 100 in less than 60 seconds: operating above normal peak capacity limits with signal processing. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1925-1932.	3.7	7
10	Triple Helical Ir(ppy) <sub>3</sub> Phenylene Cage Prepared by Diol-Mediated Benzannulation: Synthesis, Resolution, Absolute Stereochemistry and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 8719-8724.	3.3	6
11	Improving visualization of trace components for quantification using a power law based integration approach. <i>Journal of Chromatography A</i> , 2018, 1574, 1-8.	3.7	5