

# Mats de Jong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1883416/publications.pdf>

Version: 2024-02-01

14  
papers

362  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical fingerprint of street samples for fast on-site screening of cocaine in seized drug powders. <i>Chemical Science</i> , 2016, 7, 2364-2370.	7.4	102
2	Levamisole: a Common Adulterant in Cocaine Street Samples Hindering Electrochemical Detection of Cocaine. <i>Analytical Chemistry</i> , 2018, 90, 5290-5297.	6.5	51
3	Electrochemical strategies for the detection of forensic drugs. <i>Current Opinion in Electrochemistry</i> , 2018, 11, 34-40.	4.8	48
4	Tackling Poor Specificity of Cocaine Color Tests by Electrochemical Strategies. <i>Analytical Chemistry</i> , 2018, 90, 6811-6819.	6.5	38
5	Electrochemical Strategies for Adulterated Heroin Samples. <i>Analytical Chemistry</i> , 2019, 91, 7920-7928.	6.5	34
6	Electrochemical Evidence for Neuroglobin Activity on NO at Physiological Concentrations. <i>Journal of Biological Chemistry</i> , 2016, 291, 18959-18966.	3.4	18
7	Label-Free Impedance Aptasensor for Major Peanut Allergen Ara h 1. <i>Electroanalysis</i> , 2015, 27, 32-37.	2.9	16
8	Rapeseed and Raspberry Seed Cakes as Inexpensive Raw Materials in the Production of Activated Carbon by Physical Activation: Effect of Activation Conditions on Textural and Phenol Adsorption Characteristics. <i>Materials</i> , 2016, 9, 565.	2.9	16
9	Unlocking the full potential of voltammetric data analysis: A novel peak recognition approach for (bio)analytical applications. <i>Talanta</i> , 2021, 233, 122605.	5.5	12
10	Unraveling the Mechanisms Behind the Complete Suppression of Cocaine Electrochemical Signals by Chlorpromazine, Promethazine, Procaine, and Dextromethorphan. <i>Analytical Chemistry</i> , 2019, 91, 15453-15460.	6.5	10
11	Real-time electrochemical screening of cocaine in lab and field settings with automatic result generation. <i>Drug Testing and Analysis</i> , 2022, 14, 1471-1481.	2.6	6
12	A Benzocaine-Induced Local Near-Surface pH Effect: Influence on the Accuracy of Voltammetric Cocaine Detection. <i>Analysis &amp; Sensing</i> , 2021, 1, 54-62.	2.0	5
13	Attaching Redox Proteins onto Electrode Surfaces by using bis-silane. <i>ChemElectroChem</i> , 2016, 3, 1035-1038.	3.4	4
14	Electrochemical analysis of speedball-like polydrug samples. <i>Analyst, The</i> , 2020, 145, 6091-6096.	3.5	2