

# Maurin Cornuz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9764033/publications.pdf>

Version: 2024-02-01

16  
papers

4,672  
citations

623188

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h-index

940134

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g-index

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16  
docs citations

16  
times ranked

5381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in analytical strategies for coffee volatile studies: Opportunities and challenges. Food Chemistry, 2022, 388, 132971.	4.2	6
2	Effect of solid-state fungal fermentation on the non-volatiles content and volatiles composition of Coffea canephora (Robusta) coffee beans. Food Chemistry, 2021, 337, 128023.	4.2	17
3	A systematic study of key odourants, non-volatile compounds, and antioxidant capacity of cascara (dried Coffea arabica pulp). LWT - Food Science and Technology, 2021, 138, 110630.	2.5	19
4	Combination of solid phase microextraction and low energy electron ionisation gas chromatography-quadrupole time-of-flight mass spectrometry to meet the challenges of flavour analysis. Talanta, 2021, 235, 122793.	2.9	9
5	Improved detection of key odourants in Arabica coffee using gas chromatography-olfactometry in combination with low energy electron ionisation gas chromatography-quadrupole time-of-flight mass spectrometry. Food Chemistry, 2020, 302, 125370.	4.2	25
6	Ultrafast Charge Carrier Recombination and Trapping in Hematite Photoanodes under Applied Bias. Journal of the American Chemical Society, 2014, 136, 9854-9857.	6.6	238
7	Back Electron-Hole Recombination in Hematite Photoanodes for Water Splitting. Journal of the American Chemical Society, 2014, 136, 2564-2574.	6.6	393
8	Identifying champion nanostructures for solar water-splitting. Nature Materials, 2013, 12, 842-849.	13.3	527
9	Highly efficient water splitting by a dual-absorber tandem cell. Nature Photonics, 2012, 6, 824-828.	15.6	437
10	Transparent, Conducting Nb:SnO <sub>2</sub> for Host-Guest Photoelectrochemistry. Nano Letters, 2012, 12, 5431-5435.	4.5	122
11	A Ga <sub>2</sub> O <sub>3</sub> underlayer as an isomorphic template for ultrathin hematite films toward efficient photoelectrochemical water splitting. Faraday Discussions, 2012, 155, 223-232.	1.6	95
12	Cathodic shift in onset potential of solar oxygen evolution on hematite by 13-group oxide overlayers. Energy and Environmental Science, 2011, 4, 2512.	15.6	269
13	Passivating surface states on water splitting hematite photoanodes with alumina overlayers. Chemical Science, 2011, 2, 737-743.	3.7	763
14	Photo-assisted electrodeposition of cobalt-phosphate (Co-Pi) catalyst on hematite photoanodes for solar water oxidation. Energy and Environmental Science, 2011, 4, 1759.	15.6	620
15	Light-Induced Water Splitting with Hematite: Improved Nanostructure and Iridium Oxide Catalysis. Angewandte Chemie - International Edition, 2010, 49, 6405-6408.	7.2	966
16	Examining architectures of photoanode-photovoltaic tandem cells for solar water splitting. Journal of Materials Research, 2010, 25, 17-24.	1.2	166