

# Carlos Sánchez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/472551/publications.pdf>

Version: 2024-02-01

10  
papers

306  
citations

1040056

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1372567

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g-index

11  
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11  
docs citations

11  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial electrosynthesis: Towards sustainable biorefineries for production of green chemicals from CO <sub>2</sub> emissions. <i>Biotechnology Advances</i> , 2021, 46, 107675.	11.7	110
2	Carboxylic acids production and electrosynthetic microbial community evolution under different CO <sub>2</sub> feeding regimens. <i>Bioelectrochemistry</i> , 2021, 137, 107686.	4.6	41
3	Large birefringence and linear dichroism in TiS <sub>3</sub> nanosheets. <i>Nanoscale</i> , 2018, 10, 12424-12429.	5.6	40
4	Microbial electrochemical technologies: Electronic circuitry and characterization tools. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111884.	10.1	36
5	Ultrathin Transparent Ba <sup>2+</sup> Layers Grown on Titanium Substrates with Excellent Electrocatalytic Activity for the Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 1922-1932.	5.1	16
6	OpenTCC: An open source low-cost temperature-control chamber. <i>HardwareX</i> , 2020, 7, e00099.	2.2	16
7	Raman Fingerprint of Pressure-Induced Phase Transitions in TiS <sub>3</sub> Nanoribbons: Implications for Thermal Measurements under Extreme Stress Conditions. <i>ACS Applied Nano Materials</i> , 2020, 3, 8794-8802.	5.0	15
8	Propionate Production by Bioelectrochemically-Assisted Lactate Fermentation and Simultaneous CO <sub>2</sub> Recycling. <i>Frontiers in Microbiology</i> , 2020, 11, 599438.	3.5	14
9	Tunable Photodetectors via In Situ Thermal Conversion of TiS <sub>3</sub> to TiO <sub>2</sub> . <i>Nanomaterials</i> , 2020, 10, 711.	4.1	14
10	Gauging sediment microbial fuel cells using open-circuit auxiliary electrodes. <i>Journal of Power Sources</i> , 2022, 527, 231216.	7.8	4