

# Qun Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5347329/publications.pdf>

Version: 2024-02-01

9  
papers

499  
citations

1162889  
8  
h-index

1474057  
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g-index

9  
all docs

9  
docs citations

9  
times ranked

478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Geometry on Thin Layer and Diffusion Processes at Carbon Electrodes. <i>Langmuir</i> , 2021, 37, 2667-2676.	1.6	31
2	Electrochemical treatment in KOH renews and activates carbon fiber microelectrode surfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6737-6746.	1.9	13
3	Carbon nanospike coated nanoelectrodes for measurements of neurotransmitters. <i>Faraday Discussions</i> , 2021, 233, 303-314.	1.6	7
4	Fundamentals of fast-scan cyclic voltammetry for dopamine detection. <i>Analyst</i> , The, 2020, 145, 1158-1168.	1.7	184
5	3D-Printed Carbon Nanoelectrodes for In Vivo Neurotransmitter Sensing. <i>Nano Letters</i> , 2020, 20, 6831-6836.	4.5	45
6	Carbon nanospikes have better electrochemical properties than carbon nanotubes due to greater surface roughness and defect sites. <i>Carbon</i> , 2019, 155, 250-257.	5.4	44
7	Review: new insights into optimizing chemical and 3D surface structures of carbon electrodes for neurotransmitter detection. <i>Analytical Methods</i> , 2019, 11, 247-261.	1.3	68
8	3D-Printed Carbon Electrodes for Neurotransmitter Detection. <i>Angewandte Chemie</i> , 2018, 130, 14451-14455.	1.6	13
9	3D-Printed Carbon Electrodes for Neurotransmitter Detection. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14255-14259.	7.2	94