

# Pumidech Puthongkham

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13 papers	363 citations	10 h-index	13 g-index
13 ext. papers	529 ext. citations	6.7 avg, IF	4.64 L-index

#	Paper	IF	Citations
13	3D-Printed Carbon Electrodes for Neurotransmitter Detection. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14255-14259	16.4	62
12	Recent advances in fast-scan cyclic voltammetry. <i>Analyst, The</i> , <b>2020</b> , 145, 1087-1102	5	54
11	Review: New insights into optimizing chemical and 3D surface structures of carbon electrodes for neurotransmitter detection. <i>Analytical Methods</i> , <b>2019</b> , 11, 247-261	3.2	48
10	Nanodiamond Coating Improves the Sensitivity and Antifouling Properties of Carbon Fiber Microelectrodes. <i>ACS Sensors</i> , <b>2019</b> , 4, 2403-2411	9.2	39
9	Cavity Carbon-Nanopipette Electrodes for Dopamine Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4618-4624	7.48	39
8	Carbon Nanohorn-Modified Carbon Fiber Microelectrodes for Dopamine Detection. <i>Electroanalysis</i> , <b>2018</b> , 30, 1073-1081	3	33
7	Mechanism of Histamine Oxidation and Electropolymerization at Carbon Electrodes. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 8366-8373	7.8	27
6	Structural Similarity Image Analysis for Detection of Adenosine and Dopamine in Fast-Scan Cyclic Voltammetry Color Plots. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10485-10494	7.8	15
5	Non-invasive wearable chemical sensors in real-life applications. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1179, 3386-3403	6.43	15
4	Complex sex and estrous cycle differences in spontaneous transient adenosine. <i>Journal of Neurochemistry</i> , <b>2020</b> , 153, 216-229	6	12
3	3D-Printed Carbon Electrodes for Neurotransmitter Detection. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14451-14455	14.55	10
2	Thin layer cell behavior of CNT yarn and cavity carbon nanopipette electrodes: Effect on catecholamine detection. <i>Electrochimica Acta</i> , <b>2020</b> , 361, 137032-137032	6.7	6
1	Machine learning and chemometrics for electrochemical sensors: moving forward to the future of analytical chemistry. <i>Analyst, The</i> , <b>2021</b> , 146, 6351-6364	5	3