

# Mohaddeseh Amiri-Aref

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7013065/publications.pdf>

Version: 2024-02-01

12  
papers

493  
citations

932766

10  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

753  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive electrochemical sensor for simultaneous voltammetric determination of noradrenaline, acetaminophen, xanthine and caffeine based on a flavonoid nanostructured modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 634-641.	4.0	111
2	Chemical Analysis of Single Cells. <i>Analytical Chemistry</i> , 2019, 91, 588-621.	3.2	82
3	Electrodeposition of quercetin at a multi-walled carbon nanotubes modified glassy carbon electrode as a novel and efficient voltammetric sensor for simultaneous determination of levodopa, uric acid and tyramine. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 508-518.	4.0	79
4	Modified fractal iron oxide magnetic nanostructure: A novel and high performance platform for redox protein immobilization, direct electrochemistry and bioelectrocatalysis application. <i>Biosensors and Bioelectronics</i> , 2016, 85, 814-821.	5.3	53
5	Application of a glassy carbon electrode modified with functionalized multi-walled carbon nanotubes as a sensor device for simultaneous determination of acetaminophen and tyramine. <i>Analytical Methods</i> , 2012, 4, 1579.	1.3	45
6	Electrocatalytic oxidation and selective determination of an opioid analgesic methadone in the presence of acetaminophen at a glassy carbon electrode modified with functionalized multi-walled carbon nanotubes: Application for human urine, saliva and pharmaceutical samples analysis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 287-293.	2.5	37
7	Intracellular injection of phospholipids directly alters exocytosis and the fraction of chemical release in chromaffin cells as measured by nano-electrochemistry. <i>Chemical Science</i> , 2020, 11, 11869-11876.	3.7	31
8	Mixed hemi/ad-micelles coated magnetic nanoparticles for the entrapment of hemoglobin at the surface of a screen-printed carbon electrode and its direct electrochemistry and electrocatalysis. <i>Biosensors and Bioelectronics</i> , 2015, 74, 518-525.	5.3	18
9	Direct Measurement of Total Vesicular Catecholamine Content with Electrochemical Microwell Arrays. <i>Analytical Chemistry</i> , 2020, 92, 11325-11331.	3.2	13
10	Catechol as an electrochemical indicator for voltammetric determination of D-penicillamine in aqueous media at the surface of carbon paste electrode. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 450-456.	0.3	12
11	Utilization of a bioactive anthocyanin for the fabrication of a novel carbon nanotube-based electrochemical sensor and its electrocatalytic properties for selective determination of l-dopa in the presence of uric acid. <i>Ionics</i> , 2016, 22, 125-134.	1.2	9
12	A Voltammetric Sensor Based on Modified Multi-Walled Carbon Nanotubes for N-Acetyl-L-Cysteine Determination in the Presence of Tryptophan Using 4-Chlorocatechol as a Homogenous Electrochemical Catalyst. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3429-3436.	0.9	3