

Rajendra P Shukla

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Diffusion- and Chemometric-Based Separation of Complex Electrochemical Signals That Originated from Multiple Redox-Active Molecules. <i>Polymers</i> , 2022, 14, 717.	2.0	3
2	Partially Functional Electrode Modifications for Rapid Detection of Dopamine in Urine. <i>Advanced Functional Materials</i> , 2021, 31, 2004146.	7.8	22
3	Electrode Coatings: Partially Functional Electrode Modifications for Rapid Detection of Dopamine in Urine (<i>Adv. Funct. Mater.</i> 17/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170117.	7.8	1
4	Electrochemical Determination of Hydroxyurea in a Complex Biological Matrix Using MoS ₂ -Modified Electrodes and Chemometrics. <i>Biomedicines</i> , 2021, 9, 6.	1.4	8
5	A reduced-graphene oxide-modified microelectrode for a repeatable detection of antipsychotic clozapine using microliters-volumes of whole blood. <i>Talanta</i> , 2020, 209, 120560.	2.9	16
6	An integrated electrochemical microsystem for real-time treatment monitoring of clozapine in microliter volume samples from schizophrenia patients. <i>Electrochemistry Communications</i> , 2020, 120, 106850.	2.3	6
7	Intelligent Multi-Electrode Array for Real-Time Treatment Monitoring of Antipsychotic Clozapine. , 2020, , .		0
8	Probing antibody surface density and analyte antigen incubation time as dominant parameters influencing the antibody-antigen recognition events of a non-faradaic and diffusion-restricted electrochemical immunosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1709-1717.	1.9	23
9	A platinum black-modified microelectrode for in situ olanzapine detection in microliter volumes of undiluted serum. <i>Journal of Neural Transmission</i> , 2020, 127, 291-299.	1.4	4
10	Integration of Sensor Cells into Hardware Platforms. , 2019, , 1-23.		0
11	A Chitosanâ€“Carbon Nanotubeâ€“Modified Microelectrode for In Situ Detection of Blood Levels of the Antipsychotic Clozapine in a Fingerâ€“Pricked Sample Volume. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900462.	3.9	14
12	Intelligent Multi-Electrode Arrays as the Next Generation of Electrochemical Biosensors for Real-Time Analysis of Neurotransmitters. , 2018, , .		4
13	Simulation of mechanical properties of the movable nanowire for high speed nonvolatile Nanoelectromechanical (NEMS) memory devices. , 2015, , .		0