

Mateusz Brodowski

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

87
citations

1937685

4
h-index

1872680

6
g-index

12
all docs

12
docs citations

12
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion Inhibition Mechanism and Efficiency Differentiation of Dihydroxybenzene Isomers Towards Aluminum Alloy 5754 in Alkaline Media. <i>Materials</i> , 2019, 12, 3067.	2.9	27
2	Performance of electrochemical immunoassays for clinical diagnostics of SARS-CoV-2 based on selective nucleocapsid N protein detection: Boron-doped diamond, gold and glassy carbon evaluation. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114222.	10.1	23
3	Low-power microwave-induced fabrication of functionalised few-layer black phosphorus electrodes: A novel route towards Haemophilus Influenzae pathogen biosensing devices. <i>Applied Surface Science</i> , 2021, 539, 148286.	6.1	16
4	Highly selective impedimetric determination of Haemophilus influenzae protein D using maze-like boron-doped carbon nanowall electrodes. <i>Talanta</i> , 2021, 221, 121623.	5.5	15
5	Highly Oriented Zirconium Nitride and Oxynitride Coatings Deposited via High-Power Impulse Magnetron Sputtering: Crystal-Facet-Driven Corrosion Behavior in Domestic Wastewater. <i>Advanced Engineering Materials</i> , 2021, 23, 2001349.	3.5	4
6	Methodology of Selecting the Optimal Receptor to Create an Electrochemical Immunosensor for Equine Arteritis Virus Protein Detection. <i>Chemosensors</i> , 2021, 9, 265.	3.6	2
7	Covalent P=N Bonding and Non-Covalent Interactions of Anthraquinone Derivatives with Few-Layer Black Phosphorus to Improve the Electrochemical Properties of the Functionalized Material. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 676-676.	0.0	0
8	Efficient Electrochemical Sensing Using Hybrid Boron-Doped Diamond/Graphene Nanowall Electrodes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2832-2832.	0.0	0
9	Chemically Functionalized Phosphorene As a 2D Material Emerging Toward Sensitive Biosensors. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 824-824.	0.0	0
10	Studies on the Mechanism of Electrochemical Detection of Haemophilus Influenzae at Diamond-Based Electrodes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2883-2883.	0.0	0
11	Impedimetric Detection of Haemophilus Influenzae on Antibodies-Modified Boron-Doped Carbon Nanowall Electrodes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2884-2884.	0.0	0
12	Electrochemical Detection of Plant Pathogens Using Boron-Doped Carbon Nanowalls Immunosensor. <i>IEEE Sensors Journal</i> , 2022, 22, 7562-7571.	4.7	0