

Pavol Michniak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel Screen-Printed Sensor with Chemically Deposited Boron-Doped Diamond Electrode: Preparation, Characterization, and Application. <i>Biosensors</i> , 2022, 12, 241.	4.7	10
2	New chemical pathway for large-area deposition of doped diamond films by linear antenna microwave plasma chemical vapor deposition. <i>Diamond and Related Materials</i> , 2022, 126, 109111.	3.9	14
3	Nanostructured boron doped diamond enhancing the photoelectrochemical performance of TiO ₂ /BDD heterojunction anodes. <i>Vacuum</i> , 2020, 171, 109006.	3.5	7
4	Influence of boron doped diamond electrodes properties on the elimination of selected pharmaceuticals from wastewater. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 114007.	3.8	8
5	Comparison of Al and Cu masks used for patterning boron-doped diamonds in oxygen plasma. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 124004.	2.6	0
6	Study of self-masking nanostructuring of boron doped diamond films by RF plasma etching. <i>Vacuum</i> , 2019, 170, 108954.	3.5	9
7	Bismuth modified boron doped diamond electrode for simultaneous determination of Zn, Cd and Pb ions by square wave anodic stripping voltammetry: Influence of boron concentration and surface morphology. <i>Vacuum</i> , 2019, 167, 182-188.	3.5	32
8	Electrodeposition of Cuprous Oxide on Boron Doped Diamond Electrodes. <i>Advances in Electrical and Electronic Engineering</i> , 2018, 16, .	0.3	1
9	Interference enhancement in SERS spectra of rhodamine 6G: Relation to reflectance. <i>Vibrational Spectroscopy</i> , 2017, 90, 31-37.	2.2	13
10	Simple and Rapid Quantification of Folic Acid in Pharmaceutical Tablets using a Cathodically Pretreated Highly Boron-doped Polycrystalline Diamond Electrode. <i>Analytical Letters</i> , 2016, 49, 107-121.	1.8	35
11	Erratum to "Vančo, Magdaléna Kadlečková; Juraj Breza, Pavol Michniak, Michal Āeppan, Milena Reháková; Eva Belányiová; Beata Butvinová; Differentiation of selected blue writing inks by surface-enhanced Raman spectroscopy"; <i>Chemical Papers</i> 69 (4) 518-526 (2015). <i>Chemical Papers</i> , 2015, 69, .	2.2	1
12	Erratum to "Vančo, Magdaléna Kadlečková; Juraj Breza, Pavol Michniak, Michal Āeppan, Milena Reháková; Eva Belányiová; Beata Butvinová; Differentiation of selected blue writing inks by surface-enhanced Raman spectroscopy"; <i>Chemical Papers</i> 69 (4) 518-526 (2015). <i>Chemical Papers</i> , 2015, 69, .	2.2	0
13	Raman mapping as a tool for discrimination of blue writing inks and their cross lines. <i>Vibrational Spectroscopy</i> , 2015, 79, 11-15.	2.2	8
14	Doping Level of Boron-Doped Diamond Electrodes Controls the Grafting Density of Functional Groups for DNA Assays. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18949-18956.	8.0	53
15	Electrochemical behavior of methamphetamine and its voltammetric determination in biological samples using self-assembled boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 34-40.	3.8	56
16	Self-assembled sensor based on boron-doped diamond and its application in voltammetric analysis of picloram. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 943-953.	3.3	29
17	Sensitive electrochemical determination of amlodipine in pharmaceutical tablets and human urine using a boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 728, 86-93.	3.8	87
18	Deposition of boron doped diamond and carbon nanomaterials on graphite foam electrodes. <i>Applied Surface Science</i> , 2014, 312, 139-144.	6.1	18