Pavol Michniak

List of Publications by Year
in descending order

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18	381	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	567
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sensitive electrochemical determination of amlodipine in pharmaceutical tablets and human urine using a boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2014, 728, 86-93.	3.8	87
2	Electrochemical behavior of methamphetamine and its voltammetric determination in biological samples using self-assembled boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2014, 717-718, 34-40.	3.8	56
3	Doping Level of Boron-Doped Diamond Electrodes Controls the Grafting Density of Functional Groups for DNA Assays. ACS Applied Materials & Interfaces, 2015, 7, 18949-18956.	8.0	53
4	Simple and Rapid Quantification of Folic Acid in Pharmaceutical Tablets using a Cathodically Pretreated Highly Boron-doped Polycrystalline Diamond Electrode. Analytical Letters, 2016, 49, 107-121.	1.8	35
5	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. Vacuum, 2019, 167, 182-188.	3.5	32
6	Self-assembled sensor based on boron-doped diamond and its application in voltammetric analysis of picloram. International Journal of Environmental Analytical Chemistry, 2014, 94, 943-953.	3.3	29
7	Deposition of boron doped diamond and carbon nanomaterials on graphite foam electrodes. Applied Surface Science, 2014, 312, 139-144.	6.1	18
8	New chemical pathway for large-area deposition of doped diamond films by linear antenna microwave plasma chemical vapor deposition. Diamond and Related Materials, 2022, 126, 109111.	3.9	14
9	Interference enhancement in SERS spectra of rhodamine 6G: Relation to reflectance. Vibrational Spectroscopy, 2017, 90, 31-37.	2.2	13
10	Novel Screen-Printed Sensor with Chemically Deposited Boron-Doped Diamond Electrode: Preparation, Characterization, and Application. Biosensors, 2022, 12, 241.	4.7	10
11	Study of self-masking nanostructuring of boron doped diamond films by RF plasma etching. Vacuum, 2019, 170, 108954.	3.5	9
12	Raman mapping as a tool for discrimination of blue writing inks and their cross lines. Vibrational Spectroscopy, 2015, 79, 11-15.	2.2	8
13	Influence of boron doped diamond electrodes properties on the elimination of selected pharmaceuticals from wastewater. Journal of Electroanalytical Chemistry, 2020, 862, 114007.	3.8	8
14	Nanostructured boron doped diamond enhancing the photoelectrochemical performance of TiO2/BDD heterojunction anodes. Vacuum, 2020, 171, 109006.	3.5	7
15	Erratum to â€œÄ½ubomÃr VanÄo, MagdalÃ©na KadleÄÃkovÃ¡, Juraj Breza, Pavol Michniak, Michal ÄŒeppan, Milena RehÃ¡kovÃ¡, Eva BelÃ¡nyiovÃ¡, Beata ButvinovÃ¡: Differentiation of selected blue writing inks by surface-enhanced Raman spectroscopyâ€¦ Chemical Papers 69 (4) 518â€“526 (2015). Chemical Papers, 2015, 69, .	2.2	1
16	Electrodeposition of Cuprous Oxide on Boron Doped Diamond Electrodes. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.3	1
17	Erratum to â€œÄ½ubomÃr VanÄo, MagdalÃ©na KadleÄÃkovÃ¡, Juraj Breza, Pavol Michniak, Michal ÄŒeppan, Milena RehÃ¡kovÃ¡, Eva BelÃ¡nyiovÃ¡, Beata ButvinovÃ¡: Differentiation of selected blue writing inks by surface-enhanced Raman spectroscopyâ€¦ Chemical Papers 69 (4) 518â€“526 (2015). Chemical Papers, 2015, 69, .	2.2	0
18	Comparison of Al and Cu masks used for patterning boron-doped diamonds in oxygen plasma. Journal of Micromechanics and Microengineering, 2019, 29, 124004.	2.6	0