David JirovskÃ½

List of Publications by Year
in descending order

22	531	758635 12	676716 22
papers	citations	h-index	g-index

23	23	23	794
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dimethylfumarate Inhibits Tumor-Necrosis-Factor-Induced CD62E Expression in an NF-ÎºB-Dependent Manner. Journal of Investigative Dermatology, 2001, 117, 1363-1368.	0.3	67
2	Green and facile electrode modification by spark discharge: Bismuth oxide-screen printed electrodes for the screening of ultra-trace Cd(II) and Pb(II). Electrochemistry Communications, 2015, 50, 20-23.	2.3	60
3	The Biological and Chemical Variability of Yacon. Journal of Agricultural and Food Chemistry, 2006, 54, 1347-1352.	2.4	55
4	Methamphetamine â€" properties and analytical methods of enantiomer determination. Forensic Science International, 1998, 96, 61-70.	1.3	51
5	Copper nanowire coated carbon fibers as efficient substrates for detecting designer drugs using SERS. Talanta, 2017, 165, 384-390.	2.9	50
6	Capillary electrophoresis-based nanoscale assays for monitoring ecto-5â€²-nucleotidase activity and inhibition in preparations of recombinant enzyme and melanoma cell membranes. Analytical Biochemistry, 2008, 373, 129-140.	1.1	43
7	Analysis of phenolic acids in plant materials using HPLC with amperometric detection at a platinum tubular electrode. Journal of Separation Science, 2003, 26, 739-742.	1.3	36
8	HPLC Analysis of Rosmarinic Acid in Feed Enriched with Aerial Parts ofPrunella vulgarisand Its Metabolites in Pig Plasma Using Dual-Channel Coulometric Detection. Journal of Agricultural and Food Chemistry, 2007, 55, 7631-7637.	2.4	23
9	High-performance liquid chromatographic method with amperometric detection employing boron-doped diamond electrode for the determination of sildenafil, vardenafil and their main metabolites in plasma. Journal of Chromatography A, 2011, 1218, 7996-8001.	1.8	23
10	Electrochemical oxidation of berberine and mass spectrometric identification of its oxidation products. Bioelectrochemistry, 2012, 87, 15-20.	2.4	20
11	Use of interelectrode material transfer of nickel and copperâ€'nickel alloy to carbon fibers to assemble miniature glucose sensors. Journal of Electroanalytical Chemistry, 2018, 816, 45-53.	1.9	20
12	Determination of antihyperglycemic drugs in nanomolar concentration levels by micellar electrokinetic chromatography with non-ionic surfactant. Journal of Chromatography A, 2009, 1216, 4492-4498.	1.8	18
13	Electrochemical Oxidation of Tolterodine. Electroanalysis, 2013, 25, 205-212.	1.5	11
14	Electrochemical characterization of repaglinide and its determination in human plasma using liquid chromatography with dual-channel coulometric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 3243-3248.	1.2	10
15	Electrochemically Pretreated Carbon Microfiber Electrodes as Sensitive HPLC-EC Detectors. Scientific World Journal, The, 2012, 2012, 1-6.	0.8	10
16	HPLCâ€"ED of low-molecular weight brominated phenols and tetrabromobisphenol A using pretreated carbon fiber microelectrode. Talanta, 2014, 122, 115-121.	2.9	8
17	Electrochemical Pretreatment of Carbon Fiber Microelectrodes Based on Sinusoidal-wave Potential Cycling and its Application to Amperometric Sensing of Bioactive Compounds. Current Analytical Chemistry, 2013, 9, 305-311.	0.6	6
18	Electrochemical Pretreatment of Carbon Fiber Microelectrodes Based on Sinusoidal-wave Potential Cycling and its Application to Amperometric Sensing of Bioactive Compounds. Current Analytical Chemistry, 2013, 9, 305-311.	0.6	6

#	Article	IF	Citations
19	HPLC-Analysis of Fumarates in Biological Matrices. Monatshefte FÃ¼r Chemie, 2004, 135, 1563-1568.	0.9	4
20	Study of electrochemical oxidation of cyanidin glycosides by online combination of electrochemistry with electrospray ionization tandem mass spectrometry. Monatshefte FÃ¼r Chemie, 2011, 142, 1211-1217.	0.9	4
21	On the Stereochemistry of Vincetene. Monatshefte FÃ¼r Chemie, 2001, 132, 765-768.	0.9	3
22	Electrochemical Behavior of Quinoxalin-2-one Derivatives at Mercury Electrodes and Its Analytical Use. Scientific World Journal, The, 2012, 2012, 1-12.	0.8	3