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List of Publications by Year
in descending order

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13 papers	402 citations	933264 10 h-index	1125617 13 g-index
13 all docs	13 docs citations	13 times ranked	649 citing authors

#	Article	IF	Citations
1	Testing the variability of PSA expression by different human prostate cancer cell lines by means of a new potentiometric device employing molecularly antibody assembled on graphene surface. Materials Science and Engineering C, 2016, 59, 1069-1078.	3.8	19
2	Matrix-assisted laser desorption/ionisation time of flight spectrometry for the fast screening of oxosteroids using aromatic hydrated hydrazines as versatile probes. Talanta, 2012, 100, 262-269.	2.9	7
3	Versatile Schiff-base hydrazone fluorescent receptors: Synthesis, spectroscopy and complexation studies. Inorganica Chimica Acta, 2012, 380, 40-49.	1.2	5
4	Unravelling the role of ultrasonic energy in the enhancement of enzymatic kinetics. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 9-15.	1.8	15
5	Accelerated sample treatment for screening of banned doping substances by GCâ€“MS: ultrasonication versus microwave energy. Analytical and Bioanalytical Chemistry, 2011, 399, 861-875.	1.9	14
6	Improved ultrasonic-based sample treatment for the screening of anabolic steroids by gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2375-2385.	0.7	18
7	Overview on modern approaches to speed up protein identification workflows relying on enzymatic cleavage and mass spectrometry-based techniques. Analytica Chimica Acta, 2009, 650, 151-159.	2.6	93
8	A Review of Synthetic Polymer Characterization by Pyrolysisâ€“GCâ€“MS. Chromatographia, 2009, 70, 339-348.	0.7	78
9	Influence of the Protein Staining in the Fast Ultrasonic Sample Treatment for Protein Identification through Peptide Mass Fingerprint and Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry. Journal of Proteome Research, 2008, 7, 2097-2106.	1.8	20
10	Can sample treatments based on advanced oxidation processes assisted by high-intensity focused ultrasound be used for toxic arsenic determination in human urine by flow-injection hydride-generation atomic absorption spectrometry?. Talanta, 2007, 72, 968-975.	2.9	6
11	Mercury determination by FI-CV-AAS after the degradation of organomercurials with the aid of an ultrasonic field: The important role of the hypochlorite ion. Talanta, 2006, 68, 813-818.	2.9	20
12	Determination of Cd and Pb in biological reference materials by electrothermal atomic absorption spectrometry: A comparison of three ultrasonic-based sample treatment procedures. Talanta, 2006, 68, 1156-1161.	2.9	35
13	Micro-focused ultrasonic solidâ€“liquid extraction (Î¼FUSLE) combined with HPLC and fluorescence detection for PAHs determination in sediments: optimization and linking with the analytical minimalism concept. Talanta, 2005, 66, 1272-1280.	2.9	72