Panayot K Petrov

List of Publications by Year in Descending Order

13 papers	185 citations	9 h-index	13 g-index
14 ext. papers	204 ext. citations	4 avg, IF	2.43 L-index

#	Paper	IF	Citations
13	On-column internal standardisation as an alternative calibration strategy for speciation analysis: feasibility demonstration through analysis of inorganic As in rice. *Analytical Methods*, **2021**, 13, 3641-3648	3.2	1
12	Evaluating the performance of oxidized Hg reference gas generators in the range ng m□ to □g m□ by improved coupling with ICP-MS. *Atmospheric Environment: X*, **2020**, 8, 100090	2.8	2
11	Establishing comparability and compatibility in the purity assessment of high purity zinc as demonstrated by the CCQM-P149 intercomparison. *Metrologia*, **2018**, 55, 211-221	2.1	16
10	Interference-free determination of sub ng kg levels of long-lived Zr in the presence of high concentrations (□g kg) of Mo and Nb using ICP-MS/MS. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 1029-1037	4.4	10
9	Potential reference measurement procedures for PBDE in surface water at levels required by the EU Water Frame Directive. *Talanta*, **2016**, 152, 251-8	6.2	9
8	Novel concepts for preparation of reference materials as whole water samples for priority substances at nanogram-per-liter level using model suspended particulate matter and humic acids. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 3055-67	4.4	13
7	Investigation of mass dependence effects for the accurate determination of molybdenum isotope amount ratios by MC-ICP-MS using synthetic isotope mixtures. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 869-82	4.4	13
6	Identification and determination of selenosulfate and selenocyanate in flue gas desulfurization waters. *Environmental Science & Technology*, **2012**, 46, 1716-23	10.3	35
5	Influence of EDTA, carboxylic acids, amino- and hydroxocarboxylic acids and monosaccharides on the generation of arsines in hydride generation atomic absorption spectrometry. *Open Chemistry*, **2008**, 6, 216-221	1.6	3
4	Arsenic in marine tissues □The challenging problems to electrothermal and hydride generation atomic absorption spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2007**, 62, 258-268	3.1	25
3	Observations on toxicologically relevant arsenic in urine in adult offspring of families with Balkan Endemic Nephropathy and controls by batch hydride generation atomic absorption spectrometry. *International Journal of Environmental Analytical Chemistry*, **2007**, 87, 673-685	1.8	9
2	Flow injection hydride generation electrothermal atomic absorption spectrometric determination of toxicologically relevant arsenic in urine. *Talanta*, **2006**, 69, 1112-7	6.2	19
1	Comparison between hydride generation and nebulization for sample introduction in the determination of lead in plants and water samples by inductively coupled plasma mass spectrometry, using external calibration and isotope dilution. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2006**, 61, 50-57	3.1	30