Katarzyna Tyszczuk

List of Publications by Citations

75 papers	1,196 citations	20 h-index	30 g-index
81 ext. papers	1,351 ext. citations	4.5 avg, IF	5.1 L-index

#	Paper	IF	Citations
75	Adsorptive stripping voltammetry of nickel and cobalt at in situ plated lead film electrode. *Electrochemistry Communications*, **2005**, 7, 1185-1189	5.1	88
74	Ordered mesoporous carbons as effective sorbents for removal of heavy metal ions. *Microporous and Mesoporous Materials*, **2015**, 211, 162-173	5.3	73
73	Determination of uranium by adsorptive stripping voltammetry at a lead film electrode. *Talanta*, **2007**, 72, 957-61	6.2	55
72	Simultaneous voltammetric determination of paracetamol and ascorbic acid using a boron-doped diamond electrode modified with Nafion and lead films. *Talanta*, **2014**, 129, 384-91	6.2	49
71	Voltammetric method using a lead film electrode for the determination of caffeic acid in a plant material. *Food Chemistry*, **2011**, 125, 1498-1503	8.5	45
70	Sensitive voltammetric determination of rutin at an in situ plated lead film electrode. *Journal of Pharmaceutical and Biomedical Analysis*, **2009**, 49, 558-61	3.5	42
69	Bismuth particles Nafion covered boron-doped diamond electrode for simultaneous and individual voltammetric assays of paracetamol and caffeine. *Sensors and Actuators B: Chemical*, **2016**, 235, 263-272	8.5	39
68	Visible-light-driven photocatalytic removal of acetaminophen from water using a novel MWCNT-TiO2-SiO2 photocatalysts. *Separation and Purification Technology*, **2018**, 206, 343-355	8.3	37
67	Determination of Folic Acid by Adsorptive Stripping Voltammetry at a Lead Film Electrode. *Electroanalysis*, **2007**, 19, 1959-1962	3	36
66	Adsorptive stripping voltammetric determination of trace concentrations of molybdenum at an in situ plated lead film electrode. *Analytica Chimica Acta*, **2008**, 624, 232-7	6.6	32
65	Application of lead film electrode for simultaneous adsorptive stripping voltammetric determination of Ni(II) and Co(II) as their nioxime complexes. *Analytica Chimica Acta*, **2006**, 580, 231-5	6.6	32
64	Extraction and determination of hexavalent chromium in soil samples. *Analytical and Bioanalytical Chemistry*, **2006**, 386, 357-62	4.4	29
63	Voltammetric method for the determination of sildenafil citrate (Viagra) in pure form and in pharmaceutical formulations. *Bioelectrochemistry*, **2010**, 78, 113-7	5.6	28
62	Application of gallium film electrode for elimination of copper interference in anodic stripping voltammetry of zinc. *Talanta*, **2007**, 71, 2098-101	6.2	28
61	Determination of Thallium in a Flow System by Anodic Stripping Voltammetry at a Bismuth Film Electrode. *Electroanalysis*, **2007**, 19, 2217-2221	3	26
60	Application of an in situ plated lead film electrode to the analysis of testosterone by adsorptive stripping voltammetry. *Analytical and Bioanalytical Chemistry*, **2008**, 390, 1951-6	4.4	26
59	Nafion covered lead film electrode for the voltammetric determination of caffeine in beverage samples and pharmaceutical formulations. *Food Chemistry*, **2015**, 172, 24-9	8.5	25

58	Adsorptive Stripping Voltammetry of Nickel at an In Situ Plated Bismuth Film Electrode. *Electroanalysis*, **2010**, 22, 1494-1498	3	24
57	Simple, selective and sensitive voltammetric method for the determination of herbicide (paraquat) using a bare boron-doped diamond electrode. *Diamond and Related Materials*, **2014**, 50, 86-90	3.5	23
56	Application of unmodified boron-doped diamond electrode for determination of dopamine and paracetamol. *Microchemical Journal*, **2019**, 146, 664-672	4.8	22
55	New Protocol for Determination of Rifampicine by Adsorptive Stripping Voltammetry. *Electroanalysis*, **2009**, 21, 101-106	3	20
54	Determination of Diazepam, Temazepam and Oxazepam at the Lead Film Electrode by Adsorptive Cathodic Stripping Voltammetry. *Electroanalysis*, **2010**, 22, 1975-1984	3	20
53	Fast Simultaneous Adsorptive Stripping Voltammetric Determination of Ni(II) and Co(II) at Lead Film Electrode Plated on Gold Substrate. *Electroanalysis*, **2007**, 19, 1539-1542	3	19
52	Catalytic Adsorptive Stripping Voltammetry of Cobalt in the Presence of Dimethylglyoxime and Nitrite at In Situ Plated Lead–Copper Film Electrode. *Electroanalysis*, **2006**, 18, 70-76	3	19
51	Ultrasensitive hexavalent chromium determination at bismuth film electrode prepared with mediator. *Talanta*, **2018**, 182, 62-68	6.2	16
50	Thiol-functionalized polysiloxanes modified by lead nanoparticles: Synthesis, characterization and application for determination of trace concentrations of mercury(II). *Microporous and Mesoporous Materials*, **2016**, 230, 109-117	5.3	16
49	Green Electrochemical Sensor for Caffeine Determination in Environmental Water Samples: The Bismuth Film Screen-Printed Carbon Electrode. *Journal of the Electrochemical Society*, **2017**, 164, B342-B348	3.9	14
48	Lead Film Electrode Prepared with the Use of a Reversibly Deposited Mediator Metal in Adsorptive Stripping Voltammetry of Nickel. *Electroanalysis*, **2014**, 26, 2049-2056	3	14
47	New voltammetric procedure for determination of thiamine in commercially available juices and pharmaceutical formulation using a lead film electrode. *Food Chemistry*, **2012**, 134, 1239-43	8.5	14
46	A new voltammetric sensor based on thiol-functionalized polysiloxane film modified by lead nanoparticles for detection of Bi(III) ions. *Electrochimica Acta*, **2016**, 208, 102-108	6.7	14
45	A Lead Film Electrode for Adsorptive Stripping Voltammetric Analysis of Ultratrace Tungsten(VI) in Acidic Medium. *Electroanalysis*, **2012**, 24, 101-106	3	13
44	Simultaneous voltammetric analysis of tryptophan and kynurenine in culture medium from human cancer cells. *Talanta*, **2020**, 209, 120574	6.2	13
43	The Influence of Protonation on the Electroreduction of Bi (III) Ions in Chlorates (VII) Solutions of Different Water Activity. *Electrocatalysis*, **2015**, 6, 315-321	2.7	12
42	Adsorptive stripping voltammetric method for the determination of caffeine at integrated three-electrode screen-printed sensor with carbon/carbon nanofibers working electrode. *Adsorption*, **2019**, 25, 913-921	2.6	11
41	Determination of Trace of Cobalt in Complex Matrices by Adsorptive Stripping Voltammetry at a Lead Film Electrode. *Electroanalysis*, **2009**, 21, 779-782	3	11

40	Methodological approach to determine carlina oxide - a main volatile constituent of Carlina acaulis L. essential oil. *Talanta*, **2019**, 191, 504-508	6.2	11
39	Development simple and sensitive voltammetric procedure for ultra-trace determination of U(VI). *Talanta*, **2017**, 165, 474-481	6.2	10
38	Integrated three-electrode screen-printed sensor modified with bismuth film for voltammetric determination of thallium(I) at the ultratrace level. *Analytica Chimica Acta*, **2018**, 1036, 16-25	6.6	10
37	Ultrasensitive Sensor for Uranium Monitoring in Water Ecosystems. *Journal of the Electrochemical Society*, **2019**, 166, B837-B844	3.9	9
36	Simple and Sensitive Voltammetric Procedure for Determination of Cd(II) and Pb(II) Using Bismuth-Coated Screen-Printed Carbon Electrode Prepared with Mediator. *Journal of the Electrochemical Society*, **2017**, 164, H537-H544	3.9	9
35	Screen-printed carbon electrodes modified with lead film deposited using different plating methods as sensors in anodic stripping voltammetry. *Electrochimica Acta*, **2013**, 92, 335-340	6.7	9
34	The fabrication and characterization of an ex situ plated lead film electrode prepared with the use of a reversibly deposited mediator metal. *Electrochimica Acta*, **2011**, 56, 3975-3980	6.7	9
33	Catalytic Adsorptive Stripping Voltammetric Procedure for Determination of Total Chromium in Environmental Materials. *Electroanalysis*, **2006**, 18, 1223-1226	3	9
32	First Electrochemical Sensor (Screen-Printed Carbon Electrode Modified with Carboxyl Functionalized Multiwalled Carbon Nanotubes) for Ultratrace Determination of Diclofenac. *Materials*, **2020**, 13,	3.5	8
31	Adsorption of Selected Amino Acids at the Mercury/Aqueous Solution Interface from the Chlorate (VII) and Its Dependence on the Supporting Electrolyte Concentration. *Adsorption Science and Technology*, **2015**, 33, 553-558	3.6	8
30	Determination of cadmium by stripping voltammetry at a lead film electrode. *International Journal of Environmental Analytical Chemistry*, **2009**, 89, 727-734	1.8	8
29	Sustainable synthesis of rose flower-like magnetic biochar from tea waste for environmental applications.. *Journal of Advanced Research*, **2021**, 34, 13-27	13	8
28	The New Application of Boron Doped Diamond Electrode Modified with Nafion and Lead Films for Simultaneous Voltammetric Determination of Dopamine and Paracetamol. *Electroanalysis*, **2016**, 28, 2178-2187	3	7
27	A simple and easy way to enhance sensitivity of Sn(IV) on bismuth film electrodes with the use of a mediator. *Monatshefte Fü Chemie*, **2016**, 147, 61-68	1.4	7
26	Voltammetric determination of platinum at a lead film electrode in environmental water samples. *Environmental Monitoring and Assessment*, **2014**, 186, 7801-6	3.1	7
25	Caffeine hinders the decomposition of acetaminophen over TiO2-SiO2 nanocomposites containing carbon nanotubes irradiated by visible light. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 376, 166-174	4.7	6
24	Voltammetric procedure for the determination of oleanolic and ursolic acids in plant extracts. *Analytical Methods*, **2015**, 7, 9435-9441	3.2	6
23	Application of an in situ plated lead film electrode to the determination of organic compounds in alkaline media. *Journal of Electroanalytical Chemistry*, **2012**, 670, 11-15	4.1	6

22	Voltammetric determination of betulinic acid at lead film electrode after chromatographic separation in plant material. *Analytical Biochemistry*, **2013**, 436, 121-6	3.1	6
21	Direct Determination of Paracetamol in Environmental Samples Using Screen-printed Carbon/Carbon Nanofibers Sensor Experimental and Theoretical Studies. *Electroanalysis*, **2020**, 32, 1618-1628	3	5
20	Screen-printed sensor for determination of sildenafil citrate in pharmaceutical preparations and biological samples. *Microchemical Journal*, **2019**, 149, 104065	4.8	5
19	Ultra-trace determination of silver using lead nanoparticles-modified thiol functionalized polysiloxane film glassy carbon electrode. *Journal of Electroanalytical Chemistry*, **2018**, 808, 204-210	4.1	5
18	Applicability of a Monolithic Column for Separation of Isoquinoline Alkalodis from Extract. *Molecules*, **2019**, 24,	4.8	4
17	Correlation between the plating regime of lead film deposition and electrode response after accumulation of organic compound. Microscopic study. *Sensors and Actuators B: Chemical*, **2011**, 156, 899-905	8.5	4
16	Influence of Pb(II) concentration and pH of acetate buffer on the potential window of a lead film electrode: an Atomic Force Microscopy Study. *Microscopy and Microanalysis*, **2012**, 18, 531-7	0.5	4
15	Analysis of organic compounds using an in situ plated lead film electrode. *Combinatorial Chemistry and High Throughput Screening*, **2010**, 13, 753-7	1.3	4
14	Application of Eco-friendly Bismuth Film Electrode for the Sensitive Determination of Rutin. *Current Pharmaceutical Analysis*, **2018**, 14, 571-577	0.6	4
13	First Screen-Printed Sensor (Electrochemically Activated Screen-Printed Boron-Doped Diamond Electrode) for Quantitative Determination of Rifampicin by Adsorptive Stripping Voltammetry. *Materials*, **2021**, 14,	3.5	3
12	Antimony Film Electrode Prepared with the Use of a Reversibly Deposited Mediator (Cd): Fabrication, Characterization and Application. *Journal of the Electrochemical Society*, **2016**, 163, H1151-H1156	3.9	3
11	Application of screen-printed carbon electrode modified with lead in stripping analysis of Cd(II). *Open Chemistry*, **2017**, 15, 28-33	1.6	2
10	Metal film electrodes prepared with a reversibly deposited mediator in voltammetric analysis of metal ions. *Current Opinion in Electrochemistry*, **2019**, 17, 128-133	7.2	2
9	Voltammetry as the First Method for Direct Determination of a Novel Antagonist of A2A Adenosine Receptors. *Electroanalysis*, **2019**, 31, 2480-2487	3	2
8	Electrochemically Activated Screen-Printed Carbon Electrode for Determination of Ibuprofen. *Applied Sciences (Switzerland)*, **2021**, 11, 9908	2.6	2
7	Simultaneous Analysis of Paracetamol and Diclofenac Using MWCNTs-COOH Modified Screen-Printed Carbon Electrode and Pulsed Potential Accumulation. *Materials*, **2020**, 13,	3.5	2
6	Silica-Based Monolithic Columns as a Tool in HPLC-An Overview of Application in Analysis of Active Compounds in Biological Samples. *Molecules*, **2020**, 25,	4.8	2
5	A new modified screen-printed sensor for monitoring of ultratrace concentrations of Mo(VI). *Journal of Electroanalytical Chemistry*, **2019**, 847, 113228	4.1	1

4	A Screen-Printed Sensor Coupled with Flow System for Quantitative Determination of a Novel Promising Anticancer Agent Candidate. *Sensors*, **2020**, 20,	3.8	1
3	Surfactant-rutin-alcohol interactions: A multi-techniques analysis. *Journal of Molecular Liquids*, **2021** , 328, 115447	6	1
2	Thiol-Functionalized Mesoporous Carbons as Adsorbents of Heavy-Metal Ions. *Adsorption Science and Technology*, **2015**, 33, 663-668	3.6	0
1	Improved Voltammetric Determination of Kynurenine at the Nafion Covered Glassy Carbon Electrode - Application in Samples Delivered from Human Cancer Cells. *International Journal of Tryptophan Research*, **2021**, 14, 11786469211023468	5.6	0