

Katarzyna Tyszczyk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Electrochemically Activated Screen-Printed Carbon Electrode for Determination of Ibuprofen. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9908	2.6	2
74	Surfactant-rutin-alcohol interactions: A multi-techniques analysis. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115447	6	1
73	First Screen-Printed Sensor (Electrochemically Activated Screen-Printed Boron-Doped Diamond Electrode) for Quantitative Determination of Rifampicin by Adsorptive Stripping Voltammetry. <i>Materials</i> , 2021 , 14,	3.5	3
72	Improved Voltammetric Determination of Kynurenine at the Nafion Covered Glassy Carbon Electrode - Application in Samples Delivered from Human Cancer Cells. <i>International Journal of Tryptophan Research</i> , 2021 , 14, 11786469211023468	5.6	0
71	Sustainable synthesis of rose flower-like magnetic biochar from tea waste for environmental applications.. <i>Journal of Advanced Research</i> , 2021 , 34, 13-27	13	8
70	First Electrochemical Sensor (Screen-Printed Carbon Electrode Modified with Carboxyl Functionalized Multiwalled Carbon Nanotubes) for Ultratrace Determination of Diclofenac. <i>Materials</i> , 2020 , 13,	3.5	8
69	Direct Determination of Paracetamol in Environmental Samples Using Screen-printed Carbon/Carbon Nanofibers Sensor [Experimental and Theoretical Studies. <i>Electroanalysis</i> , 2020 , 32, 1618-1628	3	5
68	Simultaneous voltammetric analysis of tryptophan and kynurenine in culture medium from human cancer cells. <i>Talanta</i> , 2020 , 209, 120574	6.2	13
67	Simultaneous Analysis of Paracetamol and Diclofenac Using MWCNTs-COOH Modified Screen-Printed Carbon Electrode and Pulsed Potential Accumulation. <i>Materials</i> , 2020 , 13,	3.5	2
66	Silica-Based Monolithic Columns as a Tool in HPLC-An Overview of Application in Analysis of Active Compounds in Biological Samples. <i>Molecules</i> , 2020 , 25,	4.8	2
65	A Screen-Printed Sensor Coupled with Flow System for Quantitative Determination of a Novel Promising Anticancer Agent Candidate. <i>Sensors</i> , 2020 , 20,	3.8	1
64	Application of unmodified boron-doped diamond electrode for determination of dopamine and paracetamol. <i>Microchemical Journal</i> , 2019 , 146, 664-672	4.8	22
63	Metal film electrodes prepared with a reversibly deposited mediator in voltammetric analysis of metal ions. <i>Current Opinion in Electrochemistry</i> , 2019 , 17, 128-133	7.2	2
62	Caffeine hinders the decomposition of acetaminophen over TiO ₂ -SiO ₂ nanocomposites containing carbon nanotubes irradiated by visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 376, 166-174	4.7	6
61	Voltammetry as the First Method for Direct Determination of a Novel Antagonist of A _{2A} Adenosine Receptors. <i>Electroanalysis</i> , 2019 , 31, 2480-2487	3	2
60	Screen-printed sensor for determination of sildenafil citrate in pharmaceutical preparations and biological samples. <i>Microchemical Journal</i> , 2019 , 149, 104065	4.8	5
59	Ultrasensitive Sensor for Uranium Monitoring in Water Ecosystems. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B837-B844	3.9	9

58	Adsorptive stripping voltammetric method for the determination of caffeine at integrated three-electrode screen-printed sensor with carbon/carbon nanofibers working electrode. <i>Adsorption</i> , 2019 , 25, 913-921	2.6	11
57	A new modified screen-printed sensor for monitoring of ultratrace concentrations of Mo(VI). <i>Journal of Electroanalytical Chemistry</i> , 2019 , 847, 113228	4.1	1
56	Applicability of a Monolithic Column for Separation of Isoquinoline Alkaloids from Extract. <i>Molecules</i> , 2019 , 24,	4.8	4
55	Methodological approach to determine carlina oxide - a main volatile constituent of <i>Carlina acaulis</i> L. essential oil. <i>Talanta</i> , 2019 , 191, 504-508	6.2	11
54	Ultrasensitive hexavalent chromium determination at bismuth film electrode prepared with mediator. <i>Talanta</i> , 2018 , 182, 62-68	6.2	16
53	Application of Eco-friendly Bismuth Film Electrode for the Sensitive Determination of Rutin. <i>Current Pharmaceutical Analysis</i> , 2018 , 14, 571-577	0.6	4
52	Ultra-trace determination of silver using lead nanoparticles-modified thiol functionalized polysiloxane film glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 808, 204-210	4.1	5
51	Visible-light-driven photocatalytic removal of acetaminophen from water using a novel MWCNT-TiO ₂ -SiO ₂ photocatalysts. <i>Separation and Purification Technology</i> , 2018 , 206, 343-355	8.3	37
50	Integrated three-electrode screen-printed sensor modified with bismuth film for voltammetric determination of thallium(I) at the ultratrace level. <i>Analytica Chimica Acta</i> , 2018 , 1036, 16-25	6.6	10
49	Application of screen-printed carbon electrode modified with lead in stripping analysis of Cd(II). <i>Open Chemistry</i> , 2017 , 15, 28-33	1.6	2
48	Green Electrochemical Sensor for Caffeine Determination in Environmental Water Samples: The Bismuth Film Screen-Printed Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2017 , 164, B342-B348	3.9	14
47	Development simple and sensitive voltammetric procedure for ultra-trace determination of U(VI). <i>Talanta</i> , 2017 , 165, 474-481	6.2	10
46	Simple and Sensitive Voltammetric Procedure for Determination of Cd(II) and Pb(II) Using Bismuth-Coated Screen-Printed Carbon Electrode Prepared with Mediator. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H537-H544	3.9	9
45	The New Application of Boron Doped Diamond Electrode Modified with Nafion and Lead Films for Simultaneous Voltammetric Determination of Dopamine and Paracetamol. <i>Electroanalysis</i> , 2016 , 28, 2178-2187	3	7
44	A simple and easy way to enhance sensitivity of Sn(IV) on bismuth film electrodes with the use of a mediator. <i>Monatshefte für Chemie</i> , 2016 , 147, 61-68	1.4	7
43	Antimony Film Electrode Prepared with the Use of a Reversibly Deposited Mediator (Cd): Fabrication, Characterization and Application. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H1151-H1156	3.9	3
42	A new voltammetric sensor based on thiol-functionalized polysiloxane film modified by lead nanoparticles for detection of Bi(III) ions. <i>Electrochimica Acta</i> , 2016 , 208, 102-108	6.7	14
41	Bismuth particles Nafion covered boron-doped diamond electrode for simultaneous and individual voltammetric assays of paracetamol and caffeine. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 263-272	8.5	39

40	Thiol-functionalized polysiloxanes modified by lead nanoparticles: Synthesis, characterization and application for determination of trace concentrations of mercury(II). <i>Microporous and Mesoporous Materials</i> , 2016 , 230, 109-117	5.3	16
39	The Influence of Protonation on the Electroreduction of Bi (III) Ions in Chlorates (VII) Solutions of Different Water Activity. <i>Electrocatalysis</i> , 2015 , 6, 315-321	2.7	12
38	Ordered mesoporous carbons as effective sorbents for removal of heavy metal ions. <i>Microporous and Mesoporous Materials</i> , 2015 , 211, 162-173	5.3	73
37	Voltammetric procedure for the determination of oleanolic and ursolic acids in plant extracts. <i>Analytical Methods</i> , 2015 , 7, 9435-9441	3.2	6
36	Nafion covered lead film electrode for the voltammetric determination of caffeine in beverage samples and pharmaceutical formulations. <i>Food Chemistry</i> , 2015 , 172, 24-9	8.5	25
35	Thiol-Functionalized Mesoporous Carbons as Adsorbents of Heavy-Metal Ions. <i>Adsorption Science and Technology</i> , 2015 , 33, 663-668	3.6	0
34	Adsorption of Selected Amino Acids at the Mercury/Aqueous Solution Interface from the Chlorate (VII) and Its Dependence on the Supporting Electrolyte Concentration. <i>Adsorption Science and Technology</i> , 2015 , 33, 553-558	3.6	8
33	Simple, selective and sensitive voltammetric method for the determination of herbicide (paraquat) using a bare boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2014 , 50, 86-90	3.5	23
32	Simultaneous voltammetric determination of paracetamol and ascorbic acid using a boron-doped diamond electrode modified with Nafion and lead films. <i>Talanta</i> , 2014 , 129, 384-91	6.2	49
31	Lead Film Electrode Prepared with the Use of a Reversibly Deposited Mediator Metal in Adsorptive Stripping Voltammetry of Nickel. <i>Electroanalysis</i> , 2014 , 26, 2049-2056	3	14
30	Voltammetric determination of platinum at a lead film electrode in environmental water samples. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 7801-6	3.1	7
29	Screen-printed carbon electrodes modified with lead film deposited using different plating methods as sensors in anodic stripping voltammetry. <i>Electrochimica Acta</i> , 2013 , 92, 335-340	6.7	9
28	Voltammetric determination of betulonic acid at lead film electrode after chromatographic separation in plant material. <i>Analytical Biochemistry</i> , 2013 , 436, 121-6	3.1	6
27	A Lead Film Electrode for Adsorptive Stripping Voltammetric Analysis of Ultratrace Tungsten(VI) in Acidic Medium. <i>Electroanalysis</i> , 2012 , 24, 101-106	3	13
26	Application of an in situ plated lead film electrode to the determination of organic compounds in alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 670, 11-15	4.1	6
25	New voltammetric procedure for determination of thiamine in commercially available juices and pharmaceutical formulation using a lead film electrode. <i>Food Chemistry</i> , 2012 , 134, 1239-43	8.5	14
24	Influence of Pb(II) concentration and pH of acetate buffer on the potential window of a lead film electrode: an Atomic Force Microscopy Study. <i>Microscopy and Microanalysis</i> , 2012 , 18, 531-7	0.5	4
23	The fabrication and characterization of an ex situ plated lead film electrode prepared with the use of a reversibly deposited mediator metal. <i>Electrochimica Acta</i> , 2011 , 56, 3975-3980	6.7	9

22	Voltammetric method using a lead film electrode for the determination of caffeic acid in a plant material. <i>Food Chemistry</i> , 2011 , 125, 1498-1503	8.5	45
21	Correlation between the plating regime of lead film deposition and electrode response after accumulation of organic compound. Microscopic study. <i>Sensors and Actuators B: Chemical</i> , 2011 , 156, 899-905	8.5	4
20	Analysis of organic compounds using an in situ plated lead film electrode. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010 , 13, 753-7	1.3	4
19	Voltammetric method for the determination of sildenafil citrate (Viagra) in pure form and in pharmaceutical formulations. <i>Bioelectrochemistry</i> , 2010 , 78, 113-7	5.6	28
18	Adsorptive Stripping Voltammetry of Nickel at an In Situ Plated Bismuth Film Electrode. <i>Electroanalysis</i> , 2010 , 22, 1494-1498	3	24
17	Determination of Diazepam, Temazepam and Oxazepam at the Lead Film Electrode by Adsorptive Cathodic Stripping Voltammetry. <i>Electroanalysis</i> , 2010 , 22, 1975-1984	3	20
16	Determination of cadmium by stripping voltammetry at a lead film electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2009 , 89, 727-734	1.8	8
15	New Protocol for Determination of Rifampicine by Adsorptive Stripping Voltammetry. <i>Electroanalysis</i> , 2009 , 21, 101-106	3	20
14	Determination of Trace of Cobalt in Complex Matrices by Adsorptive Stripping Voltammetry at a Lead Film Electrode. <i>Electroanalysis</i> , 2009 , 21, 779-782	3	11
13	Sensitive voltammetric determination of rutin at an in situ plated lead film electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 558-61	3.5	42
12	Application of an in situ plated lead film electrode to the analysis of testosterone by adsorptive stripping voltammetry. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1951-6	4.4	26
11	Adsorptive stripping voltammetric determination of trace concentrations of molybdenum at an in situ plated lead film electrode. <i>Analytica Chimica Acta</i> , 2008 , 624, 232-7	6.6	32
10	Fast Simultaneous Adsorptive Stripping Voltammetric Determination of Ni(II) and Co(II) at Lead Film Electrode Plated on Gold Substrate. <i>Electroanalysis</i> , 2007 , 19, 1539-1542	3	19
9	Determination of Folic Acid by Adsorptive Stripping Voltammetry at a Lead Film Electrode. <i>Electroanalysis</i> , 2007 , 19, 1959-1962	3	36
8	Determination of Thallium in a Flow System by Anodic Stripping Voltammetry at a Bismuth Film Electrode. <i>Electroanalysis</i> , 2007 , 19, 2217-2221	3	26
7	Application of gallium film electrode for elimination of copper interference in anodic stripping voltammetry of zinc. <i>Talanta</i> , 2007 , 71, 2098-101	6.2	28
6	Determination of uranium by adsorptive stripping voltammetry at a lead film electrode. <i>Talanta</i> , 2007 , 72, 957-61	6.2	55
5	Extraction and determination of hexavalent chromium in soil samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 357-62	4.4	29

4	Catalytic Adsorptive Stripping Voltammetry of Cobalt in the Presence of Dimethylglyoxime and Nitrite at In Situ Plated Lead-Copper Film Electrode. <i>Electroanalysis</i> , 2006 , 18, 70-76	3	19
3	Catalytic Adsorptive Stripping Voltammetric Procedure for Determination of Total Chromium in Environmental Materials. <i>Electroanalysis</i> , 2006 , 18, 1223-1226	3	9
2	Application of lead film electrode for simultaneous adsorptive stripping voltammetric determination of Ni(II) and Co(II) as their nioxime complexes. <i>Analytica Chimica Acta</i> , 2006 , 580, 231-5	6.6	32
1	Adsorptive stripping voltammetry of nickel and cobalt at in situ plated lead film electrode. <i>Electrochemistry Communications</i> , 2005 , 7, 1185-1189	5.1	88