

Piotr Wroczyński

List of Publications by Year in descending order

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49
papers

857
citations

430754

18
h-index

526166

27
g-index

50
all docs

50
docs citations

50
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium in the Therapy of Neurological Diseases. Where is it Going?. <i>Current Neuropharmacology</i> , 2016, 14, 282-299.	1.4	75
2	Analysis of fire deaths in Poland and influence of smoke toxicity. <i>Forensic Science International</i> , 2017, 277, 77-87.	1.3	57
3	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 168-190.	2.7	46
4	Occurrence of antimicrobial agents, drug-resistant bacteria, and genes in the sewage-impacted Vistula River (Poland). <i>Environmental Science and Pollution Research</i> , 2018, 25, 5788-5807.	2.7	44
5	Nebulization of ultradeformable liposomes: The influence of aerosolization mechanism and formulation excipients. <i>International Journal of Pharmaceutics</i> , 2012, 436, 519-526.	2.6	40
6	Fluorimetric Detection of Aldehyde Dehydrogenase Activity in Human Blood, Saliva, and Organ Biopsies and Kinetic Differentiation between Class I and Class III Isozymes. <i>Analytical Biochemistry</i> , 1997, 245, 69-78.	1.1	37
7	Acute exposure of zebrafish (<i>Danio rerio</i>) larvae to environmental concentrations of selected antidepressants: Bioaccumulation, physiological and histological changes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 229, 108670.	1.3	32
8	Comparison of antioxidant enzymes activity and the concentration of uric acid in the saliva of patients with oral cavity cancer, odontogenic cysts and healthy subjects. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 726-730.	1.4	31
9	Occurrence of cardiovascular drugs in the sewage-impacted Vistula River and in tap water in the Warsaw region (Poland). <i>Environmental Science and Pollution Research</i> , 2016, 23, 24337-24349.	2.7	28
10	Salivary Aldehyde Dehydrogenase: Activity towards Aromatic Aldehydes and Comparison with Recombinant ALDH3A1. <i>Molecules</i> , 2009, 14, 2363-2372.	1.7	27
11	Determination of selected cardiovascular active compounds in environmental aquatic samples – Methods and results, a review of global publications from the last 10 years. <i>Chemosphere</i> , 2015, 138, 642-656.	4.2	26
12	Selol, an organic selenium donor, prevents lipopolysaccharide-induced oxidative stress and inflammatory reaction in the rat brain. <i>Neurochemistry International</i> , 2017, 108, 66-77.	1.9	26
13	A highly selective molecularly imprinted sorbent for extraction of 2-aminothiazoline-4-carboxylic acid – Synthesis, characterization and application in post-mortem whole blood analysis. <i>Journal of Chromatography A</i> , 2015, 1420, 16-25.	1.8	25
14	Oxidative stress markers in saliva and plasma differ between diet-controlled and insulin-controlled gestational diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2019, 148, 72-80.	1.1	24
15	Aromatic aldehydes as fluorogenic indicators for human aldehyde dehydrogenases and oxidases: substrate and isozyme specificity. <i>Analyst</i> , 2000, 125, 511-516.	1.7	23
16	LC-MS/MS method development and validation for quantitative analyses of 2-aminothiazoline-4-carboxylic acid – a new cyanide exposure marker in post mortem blood. <i>Talanta</i> , 2016, 150, 586-592.	2.9	23
17	Cloud-point extraction is compatible with liquid chromatography coupled to electrospray ionization mass spectrometry for the determination of bisoprolol in human plasma. <i>Journal of Chromatography A</i> , 2015, 1423, 39-46.	1.8	21
18	Synthesis and characterization of cadmium(II)-imprinted poly(1-allyl-2-thiourea-co-ethylene glycol) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	19

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19	Cloud Point Extraction in the Determination of Drugs in Biological Matrices. <i>Journal of Chromatographic Science</i> , 2020, 58, 151-162.	0.7	19
20	Age-dependent increase in serum levels of indoxyl sulphate and p-cresol sulphate is not related to their precursors: Tryptophan and tyrosine. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1022-1026.	0.7	17
21	Salivary aldehyde dehydrogenase - temporal and population variability, correlations with drinking and smoking habits and activity towards aldehydes contained in food.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	17
22	Cloud-point extraction is compatible with liquid chromatography coupled to electrospray ionization mass spectrometry for the determination of antazoline in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 294-301.	1.4	16
23	Effects of Selol 5% supplementation on the activity or concentration of antioxidants and malondialdehyde level in the blood of healthy mice. <i>Pharmacological Reports</i> , 2014, 66, 301-310.	1.5	15
24	Selenitetrigerides – Redox-active agents. <i>Pharmacological Reports</i> , 2015, 67, 1-8.	1.5	15
25	Application of a novel liquid chromatography/tandem mass spectrometry method for the determination of antazoline in human plasma: Result of ELEPHANT-I [Electrophysiological, pharmacokinetic and hemodynamic effects of PHenazolinum (ANTazoline mesylate)] human pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 113-119.	1.4	15
26	Salivary aldehyde dehydrogenase – Reversible oxidation of the enzyme and its inhibition by caffeine, investigated using fluorimetric method. <i>Archives of Oral Biology</i> , 2008, 53, 423-428.	0.8	14
27	Development and validation of a LC-MS/MS method for quantitative analysis of uraemic toxins p-cresol sulphate and indoxyl sulphate in saliva. <i>Talanta</i> , 2016, 150, 593-598.	2.9	13
28	Antazoline – insights into drug-induced electrocardiographic and hemodynamic effects: Results of the ELEPHANT II substudy. <i>Annals of Noninvasive Electrocardiology</i> , 2017, 22, .	0.5	12
29	Application of 2-Aminothiazoline-4-carboxylic Acid as a Forensic Marker of Cyanide Exposure. <i>Chemical Research in Toxicology</i> , 2017, 30, 516-523.	1.7	11
30	The utility of saliva testing in the estimation of uremic toxin levels in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 230-237.	1.4	11
31	Oxidative Stress Markers Differ in Two Placental Dysfunction Pathologies: Pregnancy-Induced Hypertension and Intrauterine Growth Restriction. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	11
32	The development of the LC-MS/MS method based on S-9 biotransformation for detection of metabolites of selected β -adrenolytics in surface water. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 906-916.	2.0	8
33	Some Heteroaromatic Organomercurials, Their Syntheses and Reactions: A Review of Our Research (1980-2000). <i>Molecules</i> , 2001, 6, 927-958.	1.7	7
34	Protective Effects of Selol Against Sodium Nitroprusside-Induced Cell Death and Oxidative Stress in PC12 Cells. <i>Neurochemical Research</i> , 2016, 41, 3215-3226.	1.6	7
35	Continuous fluorimetric assay for human aldehyde dehydrogenase and its application to blood analysis. <i>Analytica Chimica Acta</i> , 1996, 319, 209-219.	2.6	6
36	How echinococcosis affects potential cancer markers in plasma: galectin-3, sN-cadherin and sE-cadherin? a preliminary report. <i>Diagnostic Pathology</i> , 2012, 7, 17.	0.9	6

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37	A Search for the Optimum Selenium Source to Obtain Mushroom-Derived Chemopreventive Preparations. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 279-289.	0.9	6
38	The activity of salivary aldehyde dehydrogenase during the menstrual cycle and pregnancy. <i>Archives of Oral Biology</i> , 2013, 58, 261-265.	0.8	5
39	Activities of cytosolic aldehyde dehydrogenase isozymes in colon cancer: determination using selective, fluorimetric assays. <i>Acta Poloniae Pharmaceutica</i> , 2005, 62, 427-33.	0.3	5
40	Salivary aldehyde dehydrogenase - temporal and population variability, correlations with drinking and smoking habits and activity towards aldehydes contained in food. <i>Acta Biochimica Polonica</i> , 2010, 57, 361-8.	0.3	5
41	Effects of Selol 5% supplementation on tissue antioxidant enzyme levels and peroxidation marker in healthy mice. <i>Pharmacological Reports</i> , 2018, 70, 1073-1078.	1.5	3
42	Salivary aldehyde dehydrogenase activity--influence of drugs intake, preliminary research. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 615-9.	0.3	3
43	Detection of ALDH3B2 in Human Placenta. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6292.	1.8	2
44	Aldehyde dehydrogenase in human saliva--evaluation of its oxidation status. <i>Acta Poloniae Pharmaceutica</i> , 2004, 61 Suppl, 62-4.	0.3	2
45	Albumin Apheresis for Artificial Liver Support: In Vitro Testing of a Novel Filter. <i>Therapeutic Apheresis and Dialysis</i> , 2018, 22, 399-409.	0.4	1
46	Fluorimetric detection of aldehyde dehydrogenase activity in human saliva in diagnostic of cancers of oral cavity. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 407-9.	0.3	1
47	Determination of Aldehyde Dehydrogenase (ALDH) Isozymes in Human Cancer Samples - Comparison of Kinetic and Immunochemical Assays. <i>Molecules</i> , 2002, 7, 896-901.	1.7	0
48	TYROSOL GLUCOSYLTRANSFERASE ACTIVITY AND SALIDROSIDE PRODUCTION IN NATURAL AND TRANSFORMED ROOT CULTURES OF RHODIOLA KIRILOWII (REGEL) REGEL ET MAXIMOWICZ. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	0
49	Activity of Cathepsin B in Serum of Patients after Kidney Transplantation Depends on Glucocorticosteroids Treatment. <i>Annals of Transplantation</i> , 2015, 20, 622-626.	0.5	0