

Krzysztof Gorynski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7170060/publications.pdf>

Version: 2024-02-01

39
papers

1,317
citations

394421

19
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

1549
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | SPME – “Quo vadis?”. <i>Analytica Chimica Acta</i> , 2012, 750, 132-151. | 5.4 | 163 |
| 2 | Sample preparation with solid phase microextraction and exhaustive extraction approaches: Comparison for challenging cases. <i>Analytica Chimica Acta</i> , 2015, 873, 14-30. | 5.4 | 160 |
| 3 | Solid-phase microextraction in metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 168-180. | 11.4 | 127 |
| 4 | Introduction of solid-phase microextraction as a high-throughput sample preparation tool in laboratory analysis of prohibited substances. <i>Analytica Chimica Acta</i> , 2014, 809, 69-81. | 5.4 | 89 |
| 5 | Quantitative structure–retention relationships models for prediction of high performance liquid chromatography retention time of small molecules: Endogenous metabolites and banned compounds. <i>Analytica Chimica Acta</i> , 2013, 797, 13-19. | 5.4 | 86 |
| 6 | Low invasive in vivo tissue sampling for monitoring biomarkers and drugs during surgery. <i>Laboratory Investigation</i> , 2014, 94, 586-594. | 3.7 | 47 |
| 7 | Solid phase microextraction fills the gap in tissue sampling protocols. <i>Analytica Chimica Acta</i> , 2013, 803, 75-81. | 5.4 | 46 |
| 8 | Isolation and structure elucidation of phenolic compounds from <i>Cyclopia subternata</i> Vogel (honeybush) intact plant and in vitro cultures. <i>Food Chemistry</i> , 2012, 133, 1373-1382. | 8.2 | 45 |
| 9 | Microextraction versus exhaustive extraction approaches for simultaneous analysis of compounds in wide range of polarity. <i>Journal of Chromatography A</i> , 2013, 1316, 37-43. | 3.7 | 45 |
| 10 | Equilibrium ex vivo calibration of homogenized tissue for in vivo SPME quantitation of doxorubicin in lung tissue. <i>Talanta</i> , 2018, 183, 304-310. | 5.5 | 43 |
| 11 | A critical review of solid-phase microextraction applied in drugs of abuse determinations and potential applications for targeted doping testing. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 135-146. | 11.4 | 41 |
| 12 | Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during in vivo lung chemo-perfusion. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 37-47. | 5.3 | 36 |
| 13 | Development of SPME method for concomitant sample preparation of rocuronium bromide and tranexamic acid in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 183-192. | 2.8 | 34 |
| 14 | A study of thin film solid phase microextraction methods for analysis of fluorinated benzoic acids in seawater. <i>Journal of Chromatography A</i> , 2016, 1436, 51-58. | 3.7 | 32 |
| 15 | Development of SPME-LC–MS method for screening of eight beta-blockers and bronchodilators in plasma and urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 147-155. | 2.8 | 30 |
| 16 | Artificial neural networks in prediction of antifungal activity of a series of pyridine derivatives against <i>Candida albicans</i> . <i>Journal of Microbiological Methods</i> , 2009, 76, 25-29. | 1.6 | 25 |
| 17 | Predictor parameters of liver viability during porcine normothermic ex situ liver perfusion in a model of liver transplantation with marginal grafts. <i>American Journal of Transplantation</i> , 2019, 19, 2991-3005. | 4.7 | 25 |
| 18 | SPME as a promising tool in translational medicine and drug discovery: From bench to bedside. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 130, 55-67. | 2.8 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Pharmacological Aspects of Over-the-Counter Opioid Drugs Misuse. <i>Molecules</i> , 2020, 25, 3905. | 3.8 | 22 |
| 20 | Magnetic beads method for determination of binding of drugs to melanin. <i>Journal of Chromatography A</i> , 2011, 1218, 229-236. | 3.7 | 20 |
| 21 | Artificial neural networks analysis used to evaluate the molecular interactions between selected drugs and human I±1-acid glycoprotein. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 591-596. | 2.8 | 19 |
| 22 | Evaluation of swabs from 15 commercially available oral fluid sample collection devices for the analysis of commonly abused substances: doping agents and drugs of abuse. <i>Analyst, The</i> , 2020, 145, 7279-7288. | 3.5 | 19 |
| 23 | Highly informative multiclass profiling of lipids by ultra-high performance liquid chromatography “ Low resolution (quadrupole) mass spectrometry by using electrospray ionization and atmospheric pressure chemical ionization interfaces. <i>Journal of Chromatography A</i> , 2017, 1509, 69-82. | 3.7 | 18 |
| 24 | Abrogating fibrinolysis does not improve bleeding or rFVIIa/rFVIII treatment in a non-mucosal venous injury model in haemophilic rodents. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1369-1382. | 3.8 | 14 |
| 25 | Artificial neural networks approach to early lung cancer detection. <i>Open Medicine (Poland)</i> , 2014, 9, 632-641. | 1.3 | 13 |
| 26 | Polyamide Noncoated Device for Adsorption-Based Microextraction and Novel 3D Printed Thin-Film Microextraction Supports. <i>Analytical Chemistry</i> , 2022, 94, 2764-2771. | 6.5 | 12 |
| 27 | Comparing early liver graft function from heart beating and living donors: A pilot study aiming to identify new biomarkers of liver injury. <i>Biopharmaceutics and Drug Disposition</i> , 2017, 38, 326-339. | 1.9 | 11 |
| 28 | Metabolomic Phenotyping of Gliomas: What Can We Get with Simplified Protocol for Intact Tissue Analysis?. <i>Cancers</i> , 2022, 14, 312. | 3.7 | 11 |
| 29 | Untargeted screening of phase I metabolism of combretastatin A4 by multi-tool analysis. <i>Talanta</i> , 2018, 182, 22-31. | 5.5 | 10 |
| 30 | Profiling of Carnitine Shuttle System Intermediates in Gliomas Using Solid-Phase Microextraction (SPME). <i>Molecules</i> , 2021, 26, 6112. | 3.8 | 9 |
| 31 | Determination of Rutin in Plant Extracts and Emulsions by HPLC-MS. <i>Analytical Letters</i> , 2011, 44, 1728-1737. | 1.8 | 7 |
| 32 | Micropropagation of <i>Cyclopia genistoides</i> , an Endemic South African Plant of Economic Importance. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 0065. | 1.4 | 7 |
| 33 | Investigating the Potential Use of Chemical Biopsy Devices to Characterize Brain Tumor Lipidomes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3518. | 4.1 | 7 |
| 34 | On-Site Sampling and Extraction of Brain Tumors for Metabolomics and Lipidomics Analysis. <i>Journal of Visualized Experiments</i> , 2020, , . | 0.3 | 6 |
| 35 | A new strategy for brain tumour metabolomic analysis. <i>Medical Research Journal</i> , 2018, 3, 15-22. | 0.2 | 6 |
| 36 | Benefits of Innovative and Fully Water-Compatible Stationary Phases of Thin-Film Microextraction (TFME) Blades. <i>Molecules</i> , 2021, 26, 4413. | 3.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Modifying current thin-film microextraction (TFME) solutions for analyzing prohibited substances: Evaluating new coatings using liquid chromatography. Journal of Pharmaceutical Analysis, 2022, 12, 470-480. | 5.3 | 5 |
| 38 | 953. Critical Care Medicine, 2013, 41, A239. | 0.9 | 0 |
| 39 | 589. Critical Care Medicine, 2015, 43, 149. | 0.9 | 0 |