

David Milde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1974694/publications.pdf>

Version: 2024-02-01

32
papers

594
citations

759190

12
h-index

610883

24
g-index

32
all docs

32
docs citations

32
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Metrologické aspekty v analytické chemii: stanovení kovů ve vodách. , 2022, 116, 4-10.		0
2	New Pt(II) diiodido complexes containing bidentate 1,3,4-thiadiazole-based ligands: Synthesis, characterization, cytotoxicity. Inorganica Chimica Acta, 2022, 536, 120891.	2.4	5
3	Anticancer half-sandwich Ir(III) complex and its interaction with various biomolecules and their mixtures – a case study with ascorbic acid. Inorganic Chemistry Frontiers, 2022, 9, 3758-3770.	6.0	11
4	Practical guidance for organizing small interlaboratory comparisons. Accreditation and Quality Assurance, 2021, 26, 17-22.	0.8	0
5	Tutorial and spreadsheet for the evaluation of instrumental quantification uncertainty by the linear weighted regression model: Determination of elemental impurities in a nasal spray by ICP-MS. Talanta, 2021, 225, 122044.	5.5	7
6	Dinuclear half-sandwich Ir(III) complexes containing 4,4'-methylenedianiline-based ligands: Synthesis, characterization, cytotoxicity. Journal of Organometallic Chemistry, 2021, 938, 121748.	1.8	2
7	Heat treatment and mechanics of Moravian Jurassic cherts. Archaeological and Anthropological Sciences, 2021, 13, 1.	1.8	4
8	The number of lymphocytes increases in the periprosthetic tissues with increasing time of implant service in non-metal-on-metal total joint arthroplasties: A role of metallic particles?. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2021, 165, 416-427.	0.6	3
9	Prevalence of Vancomycin-Resistant Enterococci and Antimicrobial Residues in Wastewater and Surface Water. Life, 2021, 11, 1403.	2.4	11
10	Measurement uncertainty evaluation from correlated validation data: Determination of elemental impurities in pharmaceutical products by ICP-MS. Talanta, 2020, 220, 121386.	5.5	14
11	Ion-exchange HPLC-ICP-MS: A new window to chromium speciation in biological tissues. Talanta, 2020, 218, 121150.	5.5	21
12	Recent advances in chromium speciation in biological samples. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 152, 109-122.	2.9	25
13	Content of distinct metals in periprosthetic tissues and pseudosynovial joint fluid in patients with total joint arthroplasty. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 454-462.	3.4	10
14	Study of chromium species release from metal implants in blood and joint effusion: Utilization of HPLC-ICP-MS. Talanta, 2018, 185, 370-377.	5.5	17
15	Nanocrystalline cerium oxide prepared from a carbonate precursor and its ability to breakdown biologically relevant organophosphates. Environmental Science: Nano, 2017, 4, 1283-1293.	4.3	34
16	Rhodamine bound maghemite as a long-term dual imaging nanoprobe of adipose tissue-derived mesenchymal stromal cells. European Biophysics Journal, 2017, 46, 433-444.	2.2	11
17	Characterization of microbial siderophores by mass spectrometry. Mass Spectrometry Reviews, 2016, 35, 35-47.	5.4	61
18	Chemical mechanical glass polishing with cerium oxide: Effect of selected physico-chemical characteristics on polishing efficiency. Wear, 2016, 362-363, 114-120.	3.1	71

#	ARTICLE	IF	CITATIONS
19	Accelerated dephosphorylation of adenosine phosphates and related compounds in the presence of nanocrystalline cerium oxide. <i>Environmental Science: Nano</i> , 2016, 3, 847-856.	4.3	28
20	Study of phenolic profile and antioxidant activity in selected Moravian wines during winemaking process by FT-IR spectroscopy. <i>Journal of Food Science and Technology</i> , 2015, 52, 6405-6414.	2.8	22
21	Interaction of selected platinum(II) complexes containing roscovitine-based CDK inhibitors as ligands with human liver microsomal cytochrome P450. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 382-387.	0.6	2
22	Mesenchymal stromal cell labeling by new uncoated superparamagnetic maghemite nanoparticles in comparison with commercial Resovist – an initial in vitro study. <i>International Journal of Nanomedicine</i> , 2014, 9, 5355.	6.7	36
23	AUXIN BINDING PROTEIN 4 is involved in the Ca ²⁺ /auxin-regulated expression of <i>ZCAX3</i> gene in maize (<i>Zea mays</i>). <i>Botany</i> , 2014, 92, 332-339.	1.0	1
24	Accurate determination of silver nanoparticles in animal tissues by inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 102, 7-11.	2.9	8
25	Expression response of duplicated metallothionein 3 gene to copper stress in <i>Silene vulgaris</i> ecotypes. <i>Protoplasma</i> , 2014, 251, 1427-1439.	2.1	9
26	Discrimination of Cheese Products for Authenticity Control by Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1845-1849.	5.2	5
27	Quantification of purine basis in their mixtures at femtoµmolar concentration levels using FTµSERS. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 971-976.	2.5	7
28	Initial Study on the Toxicity of Silver Nanoparticles (NPs) against <i>Paramecium caudatum</i> . <i>Journal of Physical Chemistry C</i> , 2009, 113, 4296-4300.	3.1	110
29	Evaluation of colon cancer elements contents in serum using statistical methods. <i>Chemical Papers</i> , 2007, 61, .	2.2	5
30	Serum Levels of Selenium, Manganese, Copper, and Iron in Colorectal Cancer Patients. <i>Biological Trace Element Research</i> , 2001, 79, 107-114.	3.5	47
31	Determination of Butyltin Compounds in Sediments by GC/MS After Their Conversion to Methyl Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 1403-1412.	1.0	6
32	Stability of half-sandwich Os(II) complex with indomethacin-functionalized ligand in the presence of carboxypeptidase A. <i>Dalton Transactions</i> , 0, , .	3.3	1