

Laszlo Hajba

List of Publications by Year in descending order

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39
papers

859
citations

516710

16
h-index

477307

29
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39
all docs

39
docs citations

39
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in column coatings for capillary electrophoresis of proteins. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 90, 38-44.	11.4	105
2	Circulating tumor-cell detection and capture using microfluidic devices. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 59, 9-16.	11.4	102
3	The use of magnetic nanoparticles in cancer theranostics: Toward handheld diagnostic devices. <i>Biotechnology Advances</i> , 2016, 34, 354-361.	11.7	96
4	Cadmium(II) Cysteine Complexes in the Solid State: A Multispectroscopic Study. <i>Inorganic Chemistry</i> , 2009, 48, 4219-4230.	4.0	52
5	Continuous-flow biochemical reactors: Biocatalysis, bioconversion, and bioanalytical applications utilizing immobilized microfluidic enzyme reactors. <i>Journal of Flow Chemistry</i> , 2016, 6, 8-12.	1.9	44
6	Liquid phase separation methods for N-glycosylation analysis of glycoproteins of biomedical and biopharmaceutical interest. A critical review. <i>Analytica Chimica Acta</i> , 2016, 943, 8-16.	5.4	38
7	FT-Raman and FTIR spectroscopic characterization of biogenic carbonates from <i>Philippine venus</i> seashell and <i>Porites</i> sp. coral. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1204-1209.	2.5	32
8	Ambidentate coordination in hydrogen bonded dimethyl sulfoxide, (CH ₃) ₂ SO·H ₃ O ⁺ , and in dichlorobis(dimethyl sulfoxide) palladium(ii) and platinum(ii) solid solvates, by vibrational and sulfur K-edge X-ray absorption spectroscopy. <i>Dalton Transactions</i> , 2009, , 1328.	3.3	30
9	On the glycosylation aspects of biosimilarity. <i>Drug Discovery Today</i> , 2018, 23, 616-625.	6.4	30
10	Three generations of 1,3-diaminobutyric acid modified poly(propyleneimine) dendrimers and their cisplatin-type platinum complexes. <i>Journal of Proteomics</i> , 2006, 69, 151-161.	2.4	29
11	Vibrational spectroscopic and force field studies of copper(II) chloride and bromide compounds, and crystal structure of KCuBr ₃ . <i>Journal of Raman Spectroscopy</i> , 2008, 39, 16-31.	2.5	28
12	A fully automated linear polyacrylamide coating and regeneration method for capillary electrophoresis of proteins. <i>Electrophoresis</i> , 2016, 37, 3154-3159.	2.4	25
13	Studies on the Chemistry of [Cd(NH ₃) ₄](MnO ₄) ₂ . A Low Temperature Synthesis Route of the CdMn ₂ O ₄ +xType NO _x and CH ₃ SH Sensor Precursors. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 177-186.	1.2	24
14	Combined vibrational spectra of natural wardite. <i>Journal of Molecular Structure</i> , 2004, 706, 95-99.	3.6	22
15	Glycosimilarity assessment of biotherapeutics 1: Quantitative comparison of the N-glycosylation of the innovator and a biosimilar version of etanercept. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 182-185.	2.8	21
16	Infrared and Raman spectroscopic and theoretical studies of non-aqua complexes of trivalent rare earth metal ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1639-1645.	3.9	19
17	Tetracarboxylatodirhenium Complexes Linked by Axial Cyano Bridges to Metalpentacarbonyl Ligands – Synthesis and Characterization. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 295-301.	2.0	16
18	Analysis of the oligosaccharide composition in wort samples by capillary electrophoresis with laser induced fluorescence detection. <i>Food Chemistry</i> , 2018, 256, 129-132.	8.2	14

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19	Vibrational spectroscopic study of SiO ₂ -based nanotubes. <i>Vibrational Spectroscopy</i> , 2013, 66, 104-118.	2.2	13
20	Recent Advances in the Analysis Full/Empty Capsid Ratio and Genome Integrity of Adeno-associated Virus (AAV) Gene Delivery Vectors. <i>Current Molecular Medicine</i> , 2021, 20, 806-813.	1.3	12
21	Tilted pillar array fabrication by the combination of proton beam writing and soft lithography for microfluidic cell capture: Part 1 Design and feasibility. <i>Electrophoresis</i> , 2016, 37, 498-503.	2.4	11
22	Platinum complexes of (R)-N,N-bis(2-(diphenylphosphino)ethyl)-1-phenyl-ethylamine: their synthesis and characterisation. <i>Inorganica Chimica Acta</i> , 2001, 316, 135-139.	2.4	10
23	Multi-analytical approach of the influence of sulphate ion on the formation of cerium(III) fluoride nanoparticles in precipitation reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 352, 56-62.	4.7	10
24	Vibrational Spectroscopic and Theoretical Studies of Urea Derivatives with Biochemical Interest: <i>N,N</i> -Dimethylurea, <i>N,N</i> -Tetramethylurea, and <i>N,N</i> -Dimethylpropyleneurea. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 274-326.	6.7	10
25	Vibrational Spectroscopic Studies of Molecules with Biochemical Interest: The Cysteine Zwitterion. <i>Applied Spectroscopy Reviews</i> , 2012, 47, 415-483.	6.7	10
26	Continuous-flow-based microfluidic systems for therapeutic monoclonal antibody production and organ-on-a-chip drug testing. <i>Journal of Flow Chemistry</i> , 2017, 7, 118-123.	1.9	10
27	Vibrational properties and bonding analysis of copper hexacyanoferrate complexes in solid state. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 369-424.	6.7	9
28	Oxidative C-H and C-C Bond Cleavage by a (2,2'-Bipyridine)Copper(I) Chloride Complex. <i>Inorganic Chemistry</i> , 2008, 47, 6121-6123.	4.0	8
29	Computational Fluid Dynamics-Based Design of a Microfabricated Cell Capture Device. <i>Journal of Chromatographic Science</i> , 2015, 53, 411-416.	1.4	8
30	Pt(II) π -ion hydration: Structural and vibrational characteristics from theory and experiment. <i>International Journal of Quantum Chemistry</i> , 2009, 109, 2591-2598.	2.0	5
31	Proteomic and Glycomic Markers to Differentiate Lung Adenocarcinoma from COPD. <i>Current Medicinal Chemistry</i> , 2020, 27, 3302-3313.	2.4	5
32	Structural studies of ligand stabilized Ni/Ga clusters by means of vibrational spectroscopy and theoretical calculations. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2317-2337.	2.5	4
33	N-glycan Analysis in Molecular Medicine: Innovator and Biosimilar Protein Therapeutics. <i>Current Molecular Medicine</i> , 2021, 20, 828-839.	1.3	3
34	Modelling and Prediction of Renewable Energy Generation by Pressure Retarded Osmosis. <i>Computer Aided Chemical Engineering</i> , 2014, 33, 1105-1110.	0.5	2
35	Tilted pillar array fabrication by the combination of proton beam writing and soft lithography for microfluidic cell capture Part 2: Image sequence analysis based evaluation and biological application. <i>Electrophoresis</i> , 2018, 39, 534-539.	2.4	1
36	Preparation and characterization by infrared emission spectroscopy and applications of new mineral-based composite materials of biomedical interest. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 439-485.	6.7	1

#	ARTICLE	IF	CITATIONS
37	Raman, Infrared, Far-infrared and Theoretical Studies of Urea Derivatives with Biological Interest. , 2010, , .		0
38	Overall mass transfer rates during pervaporation: effect of the convective velocity on the separation. Desalination and Water Treatment, 2014, 52, 3455-3465.	1.0	0
39	Separation matrix and column technology. , 2022, , 57-128.		0