Laszlo Hajba

List of Publications by Year
in descending order

39 papers	859 citations	516710 16 h-index	477307 29 g-index
39 all docs	39 docs citations	39 times ranked	1624 citing authors

#	Article	IF	Citations
1	Separation matrix and column technology. , 2022, , 57-128.		0
2	Recent Advances in the Analysis Full/Empty Capsid Ratio and Genome Integrity of Adeno-associated Virus (AAV) Gene Delivery Vectors. Current Molecular Medicine, 2021, 20, 806-813.	1.3	12
3	N-glycan Analysis in Molecular Medicine: Innovator and Biosimilar Protein Therapeutics. Current Molecular Medicine, 2021, 20, 828-839.	1.3	3
4	Structural studies of ligand stabilized Ni/Ga clusters by means of vibrational spectroscopy and theoretical calculations. Journal of Raman Spectroscopy, 2021, 52, 2317-2337.	2.5	4
5	Proteomic and Glycomic Markers to Differentiate Lung Adenocarcinoma from COPD. Current Medicinal Chemistry, 2020, 27, 3302-3313.	2.4	5
6	Vibrational properties and bonding analysis of copper hexacyanoferrate complexes in solid state. Applied Spectroscopy Reviews, 2019, 54, 369-424.	6.7	9
7	Analysis of the oligosaccharide composition in wort samples by capillary electrophoresis with laser induced fluorescence detection. Food Chemistry, 2018, 256, 129-132.	8.2	14
8	Glycosimilarity assessment of biotherapeutics 1: Quantitative comparison of the N -glycosylation of the innovator and a biosimilar version of etanercept. Journal of Pharmaceutical and Biomedical Analysis, 2018, 153, 182-185.	2.8	21
9	On the glycosylation aspects of biosimilarity. Drug Discovery Today, 2018, 23, 616-625.	6.4	30
10	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. Electrophoresis, 2018, 39, 534-539.	2.4	1
11	Preparation and characterization by infrared emission spectroscopy and applications of new mineral-based composite materials of biomedical interest. Applied Spectroscopy Reviews, 2018, 53, 439-485.	6.7	1
12	Recent advances in column coatings for capillary electrophoresis of proteins. TrAC - Trends in Analytical Chemistry, 2017, 90, 38-44.	11.4	105
13	Continuous-flow-based microfluidic systems for therapeutic monoclonal antibody production and organ-on-a-chip drug testing. Journal of Flow Chemistry, 2017, 7, 118-123.	1.9	10
14	Tilted pillar array fabrication by the combination of proton beam writing and soft lithography for microfluidic cell capture: Part 1 Design and feasibility. Electrophoresis, 2016, 37, 498-503.	2.4	11
15	Continuous-flow biochemical reactors: Biocatalysis, bioconversion, and bioanalytical applications utilizing immobilized microfluidic enzyme reactors. Journal of Flow Chemistry, 2016, 6, 8-12.	1.9	44
16	A fully automated linear polyacrylamide coating and regeneration method for capillary electrophoresis of proteins. Electrophoresis, 2016, 37, 3154-3159.	2.4	25
17	Liquid phase separation methods for N-glycosylation analysis of glycoproteins of biomedical and biopharmaceutical interest. A critical review. Analytica Chimica Acta, 2016, 943, 8-16.	5.4	38
18	The use of magnetic nanoparticles in cancer theranostics: Toward handheld diagnostic devices. Biotechnology Advances, 2016, 34, 354-361.	11.7	96

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19	Computational Fluid Dynamics-Based Design of a Microfabricated Cell Capture Device. Journal of Chromatographic Science, 2015, 53, 411-416.	1.4	8
20	Modelling and Prediction of Renewable Energy Generation by Pressure Retarded Osmosis. Computer Aided Chemical Engineering, 2014, 33, 1105-1110.	0.5	2
21	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
22	Circulating tumor-cell detection and capture using microfluidic devices. TrAC - Trends in Analytical Chemistry, 2014, 59, 9-16.	11.4	102
23	Vibrational spectroscopic study of SiO2-based nanotubes. Vibrational Spectroscopy, 2013, 66, 104-118.	2.2	13
24	Studies on the Chemistry of [Cd(NH3)4](MnO4)2. A Low Temperature Synthesis Route of the CdMn2O4+xType NOxand CH3SH Sensor Precursors. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 177-186.	1.2	24
25	Vibrational Spectroscopic Studies of Molecules with Biochemical Interest: The Cysteine Zwitterion. Applied Spectroscopy Reviews, 2012, 47, 415-483.	6.7	10
26	Raman, Infrared, Far-infrared and Theoretical Studies of Urea Derivatives with Biological Interest. , 2010, , .		0
27	Vibrational Spectroscopic and Theoretical Studies of Urea Derivatives with Biochemical Interest:N,Nâ€²-Dimethylurea,N,N,Nâ€²,Nâ€²-Tetramethylurea, andN,Nâ€²-Dimethylpropyleneurea. Applied Spectroscopy Reviews, 2010, 45, 274-326.	6.7	10
28	Pt(II)â€ion hydration: Structural and vibrational characteristics from theory and experiment. International Journal of Quantum Chemistry, 2009, 109, 2591-2598.	2.0	5
29	Multi-analytical approach of the influence of sulphate ion on the formation of cerium(III) fluoride nanoparticles in precipitation reaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 352, 56-62.	4.7	10
30	Cadmium(II) Cysteine Complexes in the Solid State: A Multispectroscopic Study. Inorganic Chemistry, 2009, 48, 4219-4230.	4.0	52
31	Ambidentate coordination in hydrogen bonded dimethyl sulfoxide, (CH3)2SOâ‹¯H3O+, and in dichlorobis(dimethyl sulfoxide) palladium(ii) and platinum(ii) solid solvates, by vibrational and sulfur K-edge X-ray absorption spectroscopy. Dalton Transactions, 2009, , 1328.	3.3	30
32	Vibrational spectroscopic and force field studies of copper(II) chloride and bromide compounds, and crystal structure of KCuBr3. Journal of Raman Spectroscopy, 2008, 39, 16-31.	2.5	28
33	FTâ€Raman and FTIR spectroscopic characterization of biogenic carbonates from Philippine venus seashell and Porites sp. coral. Journal of Raman Spectroscopy, 2008, 39, 1204-1209.	2.5	32
34	Oxidative Câ€”H and Câ€”C Bond Cleavage by a (2,2â€²-Bipyridine)Copper(I) Chloride Complex. Inorganic Chemistry, 2008, 47, 6121-6123.	4.0	8
35	Three generations of Î±,Î³-diaminobutyric acid modified poly(propyleneimine) dendrimers and their cisplatin-type platinum complexes. Journal of Proteomics, 2006, 69, 151-161.	2.4	29
36	Infrared and Raman spectroscopic and theoretical studies of nonaaqua complexes of trivalent rare earth metal ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 1639-1645.	3.9	19

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37	Combined vibrational spectra of natural wardite. Journal of Molecular Structure, 2004, 706, 95-99.	3.6	22
38	Platinum complexes of (R)-N,N-bis(2-(diphenylphosphino)ethyl)-1-phenyl-ethylamine: their synthesis and characterisation. Inorganica Chimica Acta, 2001, 316, 135-139.	2.4	10
39	Tetracarboxylatodirhenium Complexes Linked by Axial Cyano Bridges to Metalpentacarbonyl Ligands â€“ Synthesis and Characterization. European Journal of Inorganic Chemistry, 1999, 1999, 295-301.	2.0	16