

Ewa PiÄta

List of Publications by Year in descending order

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34
papers

332
citations

759233

12
h-index

996975

15
g-index

34
all docs

34
docs citations

34
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Saliva as a first-line diagnostic tool: A spectral challenge for identification of cancer biomarkers. <i>Journal of Molecular Liquids</i> , 2020, 307, 112961.	4.9	26
2	Probing the Ag, Au, and Cu electrode/pyridine- \pm -hydroxymethyl biphenyl phosphine oxide isomer interface with SERS. <i>Applied Surface Science</i> , 2015, 335, 167-183.	6.1	18
3	Raman, Surface-Enhanced Raman, and Density Functional Theory Characterization of (Diphenylphosphoryl)(pyridin-2-, -3-, and -4-yl)methanol. <i>Journal of Physical Chemistry A</i> , 2014, 118, 5614-5625.	2.5	16
4	Application of ATR-FTIR mapping to identification and distribution of pigments, binders and degradation products in a 17th century painting. <i>Vibrational Spectroscopy</i> , 2019, 103, 102928.	2.2	16
5	Neuropeptide Y and its C-terminal fragments acting on Y2 receptor: Raman and SERS spectroscopy studies. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 111-118.	9.4	15
6	Potential drug " nanosensor conjugates: Raman, infrared absorption, surface " enhanced Raman, and density functional theory investigations of indolic molecules. <i>Applied Surface Science</i> , 2017, 404, 168-179.	6.1	15
7	Monitoring the Interfacial Behavior of Selective Y5 Receptor Antagonist on Colloidal Gold Nanoparticle Surfaces: Surface-Enhanced Vibrational Spectroscopy Studies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17276-17288.	3.1	15
8	Surface characterization of medieval silver coins minted by the early Piasts: FTIR mapping and SEM/EDX studies. <i>Surface and Interface Analysis</i> , 2018, 50, 78-86.	1.8	15
9	Micro-Raman spectroscopy analysis of the 17th century panel painting "Servilius Appius"™ by Isaac van den Blocke. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1019-1025.	2.5	14
10	Multianalytical approach for surface- and tip-enhanced infrared spectroscopy study of a molecule-metal conjugate: deducing its adsorption geometry. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27992-28000.	2.8	14
11	Polarization effect in tip-enhanced infrared nanospectroscopy studies of the selective Y5 receptor antagonist Lu AA33810. <i>Nano Research</i> , 2018, 11, 4401-4411.	10.4	13
12	Comparison of PIXE and XRF in the analysis of silver denarii of the early Piast. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2309-2316.	1.5	12
13	Assessment of cellular response to drug/nanoparticles conjugates treatment through FTIR imaging and PLS regression study. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128039.	7.8	12
14	Pigment characterization of important golden age panel paintings of the 17th century. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 594-600.	3.9	10
15	Nanoscale infrared probing of amyloid formation within the pleomorphic adenoma tissue. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129677.	2.4	10
16	Vibrational characterization and adsorption mode on SERS-active surfaces of guanidino-(bromophenyl)methylphosphonic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 121-128.	3.9	9
17	Vibrational and Theoretical Studies of the Structure and Adsorption Mode of <i>m</i> -Nitrophenyl \pm -Guanidinomethylphosphonic Acid Analogues on Silver Surfaces. <i>Journal of Physical Chemistry A</i> , 2013, 117, 4963-4972.	2.5	8
18	In search of the correlation between nanomechanical and biomolecular properties of prostate cancer cells with different metastatic potential. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108718.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Spectral signature of multiple sclerosis. Preliminary studies of blood fraction by ATR FTIR technique. <i>Biochemical and Biophysical Research Communications</i> , 2022, 593, 40-45.	2.1	8
20	Spectroscopic and Gas Chromatographic Studies of Pigments and Binders in GdaÅ„sk Paintings of the 17th Century. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-8.	1.3	7
21	Vibrational characterization of Î±-aminophosphinic acid derivatives of pyridine: DFT, Raman and SERS spectroscopy studies. <i>Vibrational Spectroscopy</i> , 2016, 83, 115-125.	2.2	7
22	Characterization of the Brain Penetrant Neuropeptide Y Y2 Receptor Antagonist SF-11. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3454-3463.	3.5	7
23	Physico-chemical analysis of molecular binding to the colloidal metal nanostructure: Multiple micro- and nanospectroscopy study. <i>Applied Surface Science</i> , 2020, 499, 143975.	6.1	7
24	Tracking of the biochemical changes upon pleomorphic adenoma progression using vibrational microspectroscopy. <i>Scientific Reports</i> , 2021, 11, 18010.	3.3	7
25	Micro- and Nanoscale Spectroscopic Investigations of Threonine Influence on the Corrosion Process of the Modified Fe Surface by Cu Nanoparticles. <i>Materials</i> , 2020, 13, 4482.	2.9	6
26	Spectroscopic Investigations of 316L Stainless Steel under Simulated Inflammatory Conditions for Implant Applications: The Effect of Tryptophan as Corrosion Inhibitor/Hydrophobicity Marker. <i>Coatings</i> , 2021, 11, 1097.	2.6	6
27	Characterization of the surface geometry of acetyl-[Leu 28,31]-NPY(24-36), a selective Y 2 receptor agonist, onto the Ag and Au surfaces. <i>Vibrational Spectroscopy</i> , 2016, 85, 1-6.	2.2	5
28	The Impact of Preprocessing Methods for a Successful Prostate Cell Lines Discrimination Using Partial Least Squares Regression and Discriminant Analysis Based on Fourier Transform Infrared Imaging. <i>Cells</i> , 2021, 10, 953.	4.1	5
29	Identification of Corrosion Products on Fe and Cu Metals using Spectroscopic Methods. <i>Acta Physica Polonica A</i> , 2018, 133, 286-288.	0.5	5
30	SERS characterization of neuropeptide Y and its C-terminal fragments deposited onto colloidal gold nanoparticle surface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 80-88.	5.0	4
31	Erythrocyte hemeâ€™oxygenation status indicated as a risk factor in prehypertension by Raman spectroscopy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3659-3663.	3.8	4
32	Insights into the binding interactions at the nano-bio interface: Electrode potential and wavelength dependence study. <i>Applied Surface Science</i> , 2021, 562, 150228.	6.1	4
33	Exploring the Isomer Dependent SERS Spectra of (diphenylphosphoryl)(pyridin-2-, -3, and -4-yl)methanol Adsorbed on Gold Nanocolloids. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-7.	1.3	2
34	Triglycerides as indicators of erythrocyte hemoglobin oxygen-binding properties1. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 289-294.	1.7	2