Ewa PiÄta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/991109/publications.pdf

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34	332	759233	996975
papers	citations	12	15
		h-index	g-index

34	34	34	331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectral signature of multiple sclerosis. Preliminary studies of blood fraction by ATR FTIR technique. Biochemical and Biophysical Research Communications, 2022, 593, 40-45.	2.1	8
2	In search of the correlation between nanomechanical and biomolecular properties of prostate cancer cells with different metastatic potential. Archives of Biochemistry and Biophysics, 2021, 697, 108718.	3.0	8
3	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. Cells, 2021, 10, 953.	4.1	5
4	Tracking of the biochemical changes upon pleomorphic adenoma progression using vibrational microspectroscopy. Scientific Reports, 2021, 11, 18010.	3.3	7
5	Spectroscopic Investigations of 316L Stainless Steel under Simulated Inflammatory Conditions for Implant Applications: The Effect of Tryptophan as Corrosion Inhibitor/Hydrophobicity Marker. Coatings, 2021, 11, 1097.	2.6	6
6	Insights into the binding interactions at the nano-bio interface: Electrode potential and wavelength dependence study. Applied Surface Science, 2021, 562, 150228.	6.1	4
7	Physico-chemical analysis of molecular binding to the colloidal metal nanostructure: Multiple micro- and nanospectroscopy study. Applied Surface Science, 2020, 499, 143975.	6.1	7
8	Micro- and Nanoscale Spectroscopic Investigations of Threonine Influence on the Corrosion Process of the Modified Fe Surface by Cu Nanoparticles. Materials, 2020, 13, 4482.	2.9	6
9	Saliva as a first-line diagnostic tool: A spectral challenge for identification of cancer biomarkers. Journal of Molecular Liquids, 2020, 307, 112961.	4.9	26
10	Nanoscale infrared probing of amyloid formation within the pleomorphic adenoma tissue. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129677.	2.4	10
11	Assessment of cellular response to drug/nanoparticles conjugates treatment through FTIR imaging and PLS regression study. Sensors and Actuators B: Chemical, 2020, 313, 128039.	7.8	12
12	Characterization of the Brain Penetrant Neuropeptide Y Y2 Receptor Antagonist SF-11. ACS Chemical Neuroscience, 2019, 10, 3454-3463.	3.5	7
13	Application of ATR-FTIR mapping to identification and distribution of pigments, binders and degradation products in a 17th century painting. Vibrational Spectroscopy, 2019, 103, 102928.	2.2	16
14	Polarization effect in tip-enhanced infrared nanospectroscopy studies of the selective Y5 receptor antagonist Lu AA33810. Nano Research, 2018, 11, 4401-4411.	10.4	13
15	Surface characterization of medieval silver coins minted by the early Piasts: <scp>FTâ€IR</scp> mapping and <scp>SEM/EDX</scp> studies. Surface and Interface Analysis, 2018, 50, 78-86.	1.8	15
16	Multianalytical approach for surface- and tip-enhanced infrared spectroscopy study of a moleculeâ€“metal conjugate: deducing its adsorption geometry. Physical Chemistry Chemical Physics, 2018, 20, 27992-28000.	2.8	14
17	Erythrocyte hemeâ€oxygenation status indicated as a risk factor in prehypertension by Raman spectroscopy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3659-3663.	3.8	4
18	Triglycerides as indicators of erythrocyte hemoglobin oxygen-binding properties1. Clinical Hemorheology and Microcirculation, 2018, 69, 289-294.	1.7	2

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19	Identification of Corrosion Products on Fe and Cu Metals using Spectroscopic Methods. Acta Physica Polonica A, 2018, 133, 286-288.	0.5	5
20	Potential drug â€“ nanosensor conjugates: Raman, infrared absorption, surface â€“ enhanced Raman, and density functional theory investigations of indolic molecules. Applied Surface Science, 2017, 404, 168-179.	6.1	15
21	Monitoring the Interfacial Behavior of Selective Y5 Receptor Antagonist on Colloidal Gold Nanoparticle Surfaces: Surface-Enhanced Vibrational Spectroscopy Studies. Journal of Physical Chemistry C, 2017, 121, 17276-17288.	3.1	15
22	Comparison of PIXE and XRF in the analysis of silver denarii of the early Piast. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2309-2316.	1.5	12
23	SERS characterization of neuropeptide Y and its C-terminal fragments deposited onto colloidal gold nanoparticle surface. Colloids and Surfaces B: Biointerfaces, 2017, 149, 80-88.	5.0	4
24	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. Vibrational Spectroscopy, 2016, 85, 1-6.	2.2	5
25	Vibrational characterization of Î±-aminophosphinic acid derivatives of pyridine: DFT, Raman and SERS spectroscopy studies. Vibrational Spectroscopy, 2016, 83, 115-125.	2.2	7
26	Probing the Ag, Au, and Cu electrode/pyridine-Î±-hydroxymethyl biphenyl phosphine oxide isomer interface with SERS. Applied Surface Science, 2015, 335, 167-183.	6.1	18
27	Pigment characterization of important golden age panel paintings of the 17th century. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 594-600.	3.9	10
28	Neuropeptide Y and its C-terminal fragments acting on Y2 receptor: Raman and SERS spectroscopy studies. Journal of Colloid and Interface Science, 2015, 437, 111-118.	9.4	15
29	Exploring the Isomer Dependent SERS Spectra of (diphenylphosphoryl)(pyridin-2, -3, and -4-yl)methanol Adsorbed on Gold Nanocolloids. Journal of Spectroscopy, 2014, 2014, 1-7.	1.3	2
30	Microâ€Raman spectroscopy analysis of the 17th century panel painting â€˜Servilius Appiusâ€™ by Isaac van den Blocke. Journal of Raman Spectroscopy, 2014, 45, 1019-1025.	2.5	14
31	Raman, Surface-Enhanced Raman, and Density Functional Theory Characterization of (Diphenylphosphoryl)(pyridin-2-, -3-, and -4-yl)methanol. Journal of Physical Chemistry A, 2014, 118, 5614-5625.	2.5	16
32	Vibrational characterization and adsorption mode on SERS-active surfaces of guanidino-(bromophenyl)methylphosphonic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 121-128.	3.9	9
33	Vibrational and Theoretical Studies of the Structure and Adsorption Mode of m-Nitrophenyl Î±-Guanidinomethylphosphonic Acid Analogues on Silver Surfaces. Journal of Physical Chemistry A, 2013, 117, 4963-4972.	2.5	8
34	Spectroscopic and Gas Chromatographic Studies of Pigments and Binders in GdaÅ„sk Paintings of the 17th Century. Journal of Spectroscopy, 2013, 2013, 1-8.	1.3	7