Eva KoÄiÅ¡ovÃ¡

List of Publications by Year
in descending order

35 papers	535 citations	840776 11 h-index	677142 22 g-index
35 all docs	35 docs citations	35 times ranked	553 citing authors

#	Article	IF	Citations
1	â€œCoffee Ringâ€•Effect of Ag Colloidal Nanoparticles Dried on Glass: Impact to Surface-Enhanced Raman Scattering (SERS). Journal of Nanomaterials, 2021, 2021, 1-7.	2.7	14
2	Drop coating deposition Raman (DCDR) spectroscopy of contaminants. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120109.	3.9	11
3	Nanostructured Plasma Polymerized Fluorocarbon Films for Drop Coating Deposition Raman Spectroscopy (DCDRS) of Liposomes. Polymers, 2021, 13, 4023.	4.5	5
4	Drop coating deposition Raman scattering of selected small molecules of biological importance. Journal of Raman Spectroscopy, 2020, 51, 871-874.	2.5	9
5	Magnetron-Sputtered Polytetrafluoroethylene-Stabilized Silver Nanoisland Surface for Surface-Enhanced Fluorescence. Nanomaterials, 2020, 10, 773.	4.1	10
6	Interaction of Halictine-Related Antimicrobial Peptides with Membrane Models. International Journal of Molecular Sciences, 2019, 20, 631.	4.1	12
7	Drop coating deposition Raman spectroscopy of dipicolinic acid. Journal of Raman Spectroscopy, 2018, 49, 2050-2052.	2.5	18
8	Dynamics of lipid layers with/without bounded antimicrobial peptide halictine-1. Vibrational Spectroscopy, 2017, 93, 42-51.	2.2	2
9	Drop coating deposition of a liposome suspension on surfaces with different wettabilities: â€œcoffee ringâ€•formation and suspension preconcentration. Physical Chemistry Chemical Physics, 2017, 19, 388-393.	2.8	30
10	Thiolâ€modified goldâ€coated glass as an efficient hydrophobic substrate for drop coating deposition Raman (DCDR) technique. Journal of Raman Spectroscopy, 2016, 47, 1394-1396.	2.5	10
11	Drop-Coating Deposition Raman (DCDR) Spectroscopy as a Tool for Membrane Interaction Studies: Liposomeâ€"Porphyrin Complex. Applied Spectroscopy, 2015, 69, 939-945.	2.2	10
12	Dropâ€coating deposition Raman spectroscopy of porphyrins. Journal of Raman Spectroscopy, 2015, 46, 280-282.	2.5	18
13	Intracellular Monitoring of AS1411 Aptamer by Time-Resolved Microspectrofluorimetry and Fluorescence Imaging. Journal of Fluorescence, 2015, 25, 1245-1250.	2.5	5
14	Sensitive Raman spectroscopy of lipids based on drop deposition using DCDR and SERS. Journal of Raman Spectroscopy, 2013, 44, 1479-1482.	2.5	27
15	Drop coating deposition Raman spectroscopy of liposomes: role of cholesterol. Chemistry and Physics of Lipids, 2013, 172-173, 1-5.	3.2	31
16	DCDR Spectroscopy as Efficient Tool for Liposome Studies: Aspect of Preparation Procedure Parameters. Spectroscopy, 2012, 27, 349-353.	0.8	5
17	Antimicrobial Peptide from the Eusocial Bee<i>Halictus sexcinctus</i>Interacting with Model Membranes. Spectroscopy, 2012, 27, 497-502.	0.8	7
18	SERS Microspectroscopy of Biomolecules on Dried Ag Colloidal Drops. Spectroscopy, 2012, 27, 449-453.	0.8	18

#	Article	IF	Citations
19	Study of Cellular Uptake of Modified Oligonucleotides by Using Time-Resolved Microspectrofluorimetry and Florescence Imaging. Spectroscopy, 2012, 27, 415-419.	0.8	2
20	Cellular uptake of modified oligonucleotides enhanced by porphyrins studied by time-resolved microspectrofluorimetry and fluorescence imaging techniques. Journal of Molecular Structure, 2011, 993, 316-318.	3.6	4
21	Dropâ€coating deposition Raman spectroscopy of liposomes. Journal of Raman Spectroscopy, 2011, 42, 1606-1610.	2.5	42
22	Frequency domain fluorescence microspectrometry: Application to cellular uptake and drug distribution. Spectroscopy, 2010, 24, 303-307.	0.8	2
23	<i>Timeâ€resolved Microspectrofluorometry and Fluorescence Imaging Techniques: Study of Porphyrinâ€mediated Cellular Uptake of Oligonucleotides</i>. Annals of the New York Academy of Sciences, 2008, 1130, 117-121.	3.8	5
24	Advanced Microfluorescence Methods in Monitoring Intracellular Uptake of “Antisense” Oligonucleotides. Current Organic Chemistry, 2007, 11, 515-527.	1.6	11
25	Cellular uptake of phosphorothioate oligonucleotide facilitated by cationic porphyrin: A microfluorescence study. Biopolymers, 2006, 82, 325-328.	2.4	5
26	Cellular uptake of modified oligonucleotides: fluorescence approach. Journal of Molecular Structure, 2005, 744-747, 151-153.	3.6	1
27	Intracellular uptake of modified oligonucleotide studied by two fluorescence techniques. Biopolymers, 2004, 74, 110-114.	2.4	8
28	Monitoring of labeled antisense oligonucleotides within living cells by using a multifrequency phase/modulation approach for fluorescence lifetime measurements. Journal of Molecular Structure, 2003, 651-653, 115-122.	3.6	3
29	Spectral decomposition of intracellular complex fluorescence using multiple-wavelength phase modulation lifetime determination: Technical approach and preliminary applications. Biopolymers, 2002, 67, 339-343.	2.4	2
30	Interaction of Antiviral and Antitumor Photoactive Drug Hypocrellin A with Human Serum Albumin. Journal of Biomolecular Structure and Dynamics, 1999, 17, 111-120.	3.5	9
31	Sequence Specific Interaction of the Photoactive Drug Hypericin Depends on the Structural Arrangement and the Stability of the Structure Containing its Specific 5â€²AG3â€² Target: A Resonance Raman Spectroscopy Study. Journal of Biomolecular Structure and Dynamics, 1999, 17, 51-59.	3.5	6
32	Hypocrellin A Photosensitization Involves an Intracellular pH Decrease in 3T3 Cells. Photochemistry and Photobiology, 1998, 68, 44-50.	2.5	55
33	Sequence Specific Interaction of the Antiretrovirally Active Drug Hypericin with 5â€²ATGGCAGGATAT3â€² Oligonucleotide: A Resonance Raman Spectroscopy Study. Journal of Biomolecular Structure and Dynamics, 1998, 15, 1147-1154.	3.5	17
34	Antiretrovirally Active Drug Hypericin Binds the IIA Subdomain of Human Serum Albumin:Â Resonance Raman and Surface-Enhanced Raman Spectroscopy Study. Journal of the American Chemical Society, 1998, 120, 6374-6379.	13.7	79
35	Surface-enhanced resonance raman spectroscopy of hypericin and emodin on silver colloids: SERRS and NIR FTSERS study. Biospectroscopy, 1995, 1, 265-273.	0.6	42