Eva KoÄ¡Å¡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	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
2	Hypocrellin A Photosensitization Involves an Intracellular pH Decrease in 3T3 Cells. Photochemistry and Photobiology, 1998, 68, 44-50.	2.5	55
3	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
4	Dropâ€coating deposition Raman spectroscopy of liposomes. Journal of Raman Spectroscopy, 2011, 42, 1606-1610.	2.5	42
5	Drop coating deposition Raman spectroscopy of liposomes: role of cholesterol. Chemistry and Physics of Lipids, 2013, 172-173, 1-5.	3.2	31
6	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
7	Sensitive Raman spectroscopy of lipids based on drop deposition using DCDR and SERS. Journal of Raman Spectroscopy, 2013, 44, 1479-1482.	2.5	27
8	SERS Microspectroscopy of Biomolecules on Dried Ag Colloidal Drops. Spectroscopy, 2012, 27, 449-453.	0.8	18
9	Dropâ€coating deposition Raman spectroscopy of porphyrins. Journal of Raman Spectroscopy, 2015, 46, 280-282.	2.5	18
10	Drop coating deposition Raman spectroscopy of dipicolinic acid. Journal of Raman Spectroscopy, 2018, 49, 2050-2052.	2.5	18
11	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
12	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
13	Interaction of Halictine-Related Antimicrobial Peptides with Membrane Models. International Journal of Molecular Sciences, 2019, 20, 631.	4.1	12
14	Advanced Microfluorescence Methods in Monitoring Intracellular Uptake of “Antisense” Oligonucleotides. Current Organic Chemistry, 2007, 11, 515-527.	1.6	11
15	Drop coating deposition Raman (DCDR) spectroscopy of contaminants. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120109.	3.9	11
16	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
17	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
18	Magnetron-Sputtered Polytetrafluoroethylene-Stabilized Silver Nanoisland Surface for Surface-Enhanced Fluorescence. Nanomaterials, 2020, 10, 773.	4.1	10

#	Article	IF	Citations
19	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
20	Drop coating deposition Raman scattering of selected small molecules of biological importance. Journal of Raman Spectroscopy, 2020, 51, 871-874.	2.5	9
21	Intracellular uptake of modified oligonucleotide studied by two fluorescence techniques. Biopolymers, 2004, 74, 110-114.	2.4	8
22	Antimicrobial Peptide from the Eusocial BeeHalictus sexcinctusInteracting with Model Membranes. Spectroscopy, 2012, 27, 497-502.	0.8	7
23	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
24	Cellular uptake of phosphorothioate oligonucleotide facilitated by cationic porphyrin: A microfluorescence study. Biopolymers, 2006, 82, 325-328.	2.4	5
25	Timeâ€resolved Microspectrofluorometry and Fluorescence Imaging Techniques: Study of Porphyrinâ€mediated Cellular Uptake of Oligonucleotides. Annals of the New York Academy of Sciences, 2008, 1130, 117-121.	3.8	5
26	DCDR Spectroscopy as Efficient Tool for Liposome Studies: Aspect of Preparation Procedure Parameters. Spectroscopy, 2012, 27, 349-353.	0.8	5
27	Intracellular Monitoring of AS1411 Aptamer by Time-Resolved Microspectrofluorimetry and Fluorescence Imaging. Journal of Fluorescence, 2015, 25, 1245-1250.	2.5	5
28	Nanostructured Plasma Polymerized Fluorocarbon Films for Drop Coating Deposition Raman Spectroscopy (DCDRS) of Liposomes. Polymers, 2021, 13, 4023.	4.5	5
29	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
30	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
31	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
32	Frequency domain fluorescence microspectrometry: Application to cellular uptake and drug distribution. Spectroscopy, 2010, 24, 303-307.	0.8	2
33	Study of Cellular Uptake of Modified Oligonucleotides by Using Time-Resolved Microspectrofluorimetry and Florescence Imaging. Spectroscopy, 2012, 27, 415-419.	0.8	2
34	Dynamics of lipid layers with/without bounded antimicrobial peptide halictine-1. Vibrational Spectroscopy, 2017, 93, 42-51.	2.2	2
35	Cellular uptake of modified oligonucleotides: fluorescence approach. Journal of Molecular Structure, 2005, 744-747, 151-153.	3.6	1