

Elina Vuorimaa

List of Publications by Year in descending order

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50
papers

1,783
citations

393982

19
h-index

264894

42
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54
all docs

54
docs citations

54
times ranked

3249
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvesicle- and exosome-mediated drug delivery enhances the cytotoxicity of Paclitaxel in autologous prostate cancer cells. <i>Journal of Controlled Release</i> , 2015, 220, 727-737.	4.8	465
2	Self-Assembled Hydrophobin Protein Films at the Air/Water Interface: Structural Analysis and Molecular Engineering. <i>Biochemistry</i> , 2007, 46, 2345-2354.	1.2	153
3	Structural Hierarchy in Molecular Films of Two Class II Hydrophobins. <i>Biochemistry</i> , 2003, 42, 5253-5258.	1.2	120
4	Light induced cytosolic drug delivery from liposomes with gold nanoparticles. <i>Journal of Controlled Release</i> , 2015, 203, 85-98.	4.8	113
5	Study of PEGylated Lipid Layers as a Model for PEGylated Liposome Surfaces: Molecular Dynamics Simulation and Langmuir Monolayer Studies. <i>Langmuir</i> , 2011, 27, 7788-7798.	1.6	95
6	The Effect and Role of Carbon Atoms in Poly(β -amino ester)s for DNA Binding and Gene Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 6951-6957.	6.6	72
7	Self-Assembled Films of Hydrophobin Proteins HFBI and HFBII Studied in Situ at the Air/Water Interface. <i>Langmuir</i> , 2009, 25, 1612-1619.	1.6	71
8	Time-Resolved Fluorescence Spectroscopy Reveals Functional Differences of Cationic Polymer/DNA Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 11695-11700.	6.6	45
9	Effect of the Number of Arms on the Association of Amphiphilic Star Block Copolymers. <i>Macromolecules</i> , 2008, 41, 8855-8864.	2.2	44
10	Langmuir-Schaeffer Films from a π - π Stacking Perylene-dimide Dye: Organization and Charge Transfer Properties. <i>Langmuir</i> , 2010, 26, 6630-6637.	1.6	36
11	Study of photocycle and spectral properties of bacteriorhodopsin in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1992, 213, 277-284.	0.8	33
12	Role of Polyplex Intermediate Species on Gene Transfer Efficiency: Polyethylenimine/DNA Complexes and Time-Resolved Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1895-1902.	1.2	33
13	Langmuir-Schaeffer film deposition onto honeycomb porous films for retinal tissue engineering. <i>Acta Biomaterialia</i> , 2017, 54, 138-149.	4.1	32
14	Endothermic and Exothermic Energy Transfer Made Equally Efficient for Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 318-324.	2.1	30
15	Independent versus Cooperative Binding in Polyethylenimine/DNA and Poly(L-lysine)/DNA Polyplexes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10405-10413.	1.2	29
16	Application of isothermal and model-free isoconversional modes in DSC measurement for the curing process of the PU system. <i>Journal of Applied Polymer Science</i> , 2001, 81, 1474-1480.	1.3	26
17	Self-assembled structures of hydrophobins HFBI and HFBII. <i>Journal of Applied Crystallography</i> , 2003, 36, 499-502.	1.9	23
18	Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. <i>Scientific Reports</i> , 2018, 8, 14431.	1.6	23

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19	Expanding excitation wavelengths for azobenzene photoswitching into the near-infrared range via endothermic triplet energy transfer. <i>Chemical Science</i> , 2021, 12, 7504-7509.	3.7	23
20	A regression technique to analyze the second-order nonlinear optical response of thin films. <i>Journal of Chemical Physics</i> , 2004, 121, 1.	1.2	20
21	Spectrophotometric Study of Luminol in Dimethyl Sulfoxide-Potassium Hydroxide. <i>Journal of Fluorescence</i> , 2003, 13, 315-322.	1.3	19
22	Nonlinear Optical and Structural Properties of Langmuir-Blodgett Films of Thiohelicenebisquinones. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1940-1945.	1.2	19
23	Absolute Probe of Surface Chirality Based on Focused Circularly Polarized Light. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1826-1829.	2.1	19
24	Poly(β -amino ester)-DNA complexes: Time-resolved fluorescence and cellular transfection studies. <i>Journal of Controlled Release</i> , 2011, 154, 171-176.	4.8	19
25	Langmuir-Blodgett films of hydrophobins HFBI and HFBII. <i>Surface Science</i> , 2005, 584, 35-40.	0.8	18
26	Co-culture of human induced pluripotent stem cell-derived retinal pigment epithelial cells and endothelial cells on double collagen-coated honeycomb films. <i>Acta Biomaterialia</i> , 2020, 101, 327-343.	4.1	18
27	Advantages of polarized two-beam second-harmonic generation in precise characterization of thin films. <i>Journal of Chemical Physics</i> , 2004, 120, 9245-9252.	1.2	16
28	Self-assembled films of hydrophobin protein HFBIII from <i>Trichoderma reesei</i> . <i>Journal of Applied Crystallography</i> , 2007, 40, s355-s360.	1.9	16
29	Efficient photon upconversion at remarkably low annihilator concentrations in a liquid polymer matrix: when less is more. <i>Chemical Communications</i> , 2018, 54, 14029-14032.	2.2	15
30	Critical Sensitizer Quality Attributes for Efficient Triplet-Triplet Annihilation Upconversion with Low Power Density Thresholds. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22865-22872.	1.5	14
31	Crystallization Kinetics of an Amorphous Pharmaceutical Compound Using Fluorescence-Lifetime-Imaging Microscopy. <i>Molecular Pharmaceutics</i> , 2018, 15, 1964-1971.	2.3	13
32	The orientation of quinquethiophene in Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1990, 190, 175-180.	0.8	12
33	Excited-state proton transfer reactions of long-chain derivatives of naphthols in solutions and Langmuir-Blodgett films. <i>Chemical Physics Letters</i> , 1992, 193, 128-133.	1.2	11
34	Stable blue phase polymeric Langmuir-Schaefer films based on unsymmetrical hydroxyalkadiynyl N-arylcarbamate derivatives. <i>Thin Solid Films</i> , 2018, 645, 108-118.	0.8	11
35	Deciphering Multiple Critical Parameters of Polymeric Self-Assembly by Fluorescence Spectroscopy of a Single Molecular Rotor BODIPY-C12. <i>Macromolecules</i> , 2021, 54, 655-664.	2.2	9
36	Controlled Monofunctionalization of Molecular Spherical Nucleic Acids on a Buckminster Fullerene Core. <i>Bioconjugate Chemistry</i> , 2021, 32, 1130-1138.	1.8	9

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37	Head-to-tail organization of terthiophene-vinylbenzoate in Langmuir-Blodgett films. <i>Chemical Physics Letters</i> , 2003, 377, 306-310.	1.2	8
38	The red, purple and blue modifications of polymeric unsymmetrical hydroxyalkadiynyl-N-arylcarbamate derivatives in Langmuir-Schaefer films. <i>Thin Solid Films</i> , 2016, 612, 463-471.	0.8	8
39	Difference in the core-shell dynamics of polyethyleneimine and poly(L-lysine) DNA polyplexes. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 122-127.	1.9	8
40	Taste compound Nanocellulose interaction assessment by fluorescence indicator displacement assay. <i>Food Chemistry</i> , 2020, 318, 126511.	4.2	8
41	Addressing challenges in the removal of unbound dye from passively labelled extracellular vesicles. <i>Nanoscale Advances</i> , 2021, 4, 226-240.	2.2	7
42	Structure and Dynamics of Thermosensitive pDNA Polyplexes Studied by Time-Resolved Fluorescence Spectroscopy. <i>Biomacromolecules</i> , 2020, 21, 73-88.	2.6	5
43	Assembly of Bleomycin Saccharide-Decorated Spherical Nucleic Acids. <i>Bioconjugate Chemistry</i> , 2022, 33, 206-218.	1.8	5
44	Time-Resolved Fluorescence Spectroscopy Reveals Fine Structure and Dynamics of Poly(L-lysine) and Polyethyleneimine Based DNA Polyplexes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10782-10792.	1.2	4
45	Linear optics in the second-order characterization of thin films. <i>Chemical Physics Letters</i> , 2006, 419, 492-495.	1.2	3
46	Effect of the deposition type on the structure of terthiophene-vinylbenzoate Langmuir-Blodgett films. <i>Thin Solid Films</i> , 2008, 516, 7764-7769.	0.8	1
47	Microvesicle- and exosome-mediated drug delivery enhances the cytotoxicity of Paclitaxel in autologous prostate cancer cells. , 2015, 220, 727-727.		1
48	Distinguishing between low symmetries when determining the nonlinearity of chiral thin films. , 2005, 5935, 96.		0
49	Linear optics in the second-order characterization of thin films. , 2006, 6259, 147.		0
50	Importance of linear optics in the second-order characterization of molecular monolayers. , 2006, , .		0