Elina Vuorimaa

List of Publications by Year in descending order

50 papers	1,783 citations	393982 19 h-index	264894 42 g-index
54 all docs	54 docs citations	54 times ranked	3249 citing authors

#	Article	IF	Citations
1	Assembly of Bleomycin Saccharide-Decorated Spherical Nucleic Acids. Bioconjugate Chemistry, 2022, 33, 206-218.	1.8	5
2	Expanding excitation wavelengths for azobenzene photoswitching into the near-infrared range via endothermic triplet energy transfer. Chemical Science, 2021, 12, 7504-7509.	3.7	23
3	Deciphering Multiple Critical Parameters of Polymeric Self-Assembly by Fluorescence Spectroscopy of a Single Molecular Rotor BODIPY-C12. Macromolecules, 2021, 54, 655-664.	2.2	9
4	Controlled Monofunctionalization of Molecular Spherical Nucleic Acids on a Buckminster Fullerene Core. Bioconjugate Chemistry, 2021, 32, 1130-1138.	1.8	9
5	Addressing challenges in the removal of unbound dye from passively labelled extracellular vesicles. Nanoscale Advances, 2021, 4, 226-240.	2.2	7
6	Structure and Dynamics of Thermosensitive pDNA Polyplexes Studied by Time-Resolved Fluorescence Spectroscopy. Biomacromolecules, 2020, 21, 73-88.	2.6	5
7	Co-culture of human induced pluripotent stem cell-derived retinal pigment epithelial cells and endothelial cells on double collagen-coated honeycomb films. Acta Biomaterialia, 2020, 101, 327-343.	4.1	18
8	Endothermic and Exothermic Energy Transfer Made Equally Efficient for Tripletâ€“Triplet Annihilation Upconversion. Journal of Physical Chemistry Letters, 2020, 11, 318-324.	2.1	30
9	Taste compound â€“ Nanocellulose interaction assessment by fluorescence indicator displacement assay. Food Chemistry, 2020, 318, 126511.	4.2	8
10	Critical Sensitizer Quality Attributes for Efficient Tripletâ€“Triplet Annihilation Upconversion with Low Power Density Thresholds. Journal of Physical Chemistry C, 2019, 123, 22865-22872.	1.5	14
11	Crystallization Kinetics of an Amorphous Pharmaceutical Compound Using Fluorescence-Lifetime-Imaging Microscopy. Molecular Pharmaceutics, 2018, 15, 1964-1971.	2.3	13
12	Stable blue phase polymeric Langmuir-Schaefer films based on unsymmetrical hydroxyalkadiynyl N-arylcarbamate derivatives. Thin Solid Films, 2018, 645, 108-118.	0.8	11
13	Efficient photon upconversion at remarkably low annihilator concentrations in a liquid polymer matrix: when less is more. Chemical Communications, 2018, 54, 14029-14032.	2.2	15
14	Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. Scientific Reports, 2018, 8, 14431.	1.6	23
15	Langmuir-Schaefer film deposition onto honeycomb porous films for retinal tissue engineering. Acta Biomaterialia, 2017, 54, 138-149.	4.1	32
16	Difference in the core-shell dynamics of polyethyleneimine and poly(l -lysine) DNA polyplexes. European Journal of Pharmaceutical Sciences, 2017, 103, 122-127.	1.9	8
17	Time-Resolved Fluorescence Spectroscopy Reveals Fine Structure and Dynamics of Poly(<scp>l</scp>-lysine) and Polyethylenimine Based DNA Polyplexes. Journal of Physical Chemistry B, 2017, 121, 10782-10792.	1.2	4
18	The red, purple and blue modifications of polymeric unsymmetrical hydroxyalkadiynyl-N-arylcarbamate derivatives in Langmuir-Schaefer films. Thin Solid Films, 2016, 612, 463-471.	0.8	8

#	Article	IF	Citations
19	Light induced cytosolic drug delivery from liposomes with gold nanoparticles. Journal of Controlled Release, 2015, 203, 85-98.	4.8	113
20	Microvesicle- and exosome-mediated drug delivery enhances the cytotoxicity of Paclitaxel in autologous prostate cancer cells. Journal of Controlled Release, 2015, 220, 727-737.	4.8	465
21	Microvesicle- and exosome-mediated drug delivery enhances the cytotoxicity of Paclitaxel in autologous prostate cancer cells. , 2015, 220, 727-727.		1
22	The Effect and Role of Carbon Atoms in Poly(Î²-amino ester)s for DNA Binding and Gene Delivery. Journal of the American Chemical Society, 2013, 135, 6951-6957.	6.6	72
23	Independent versus Cooperative Binding in Polyethylenimineâ€“DNA and Poly(<scp>l</scp>-lysine)â€“DNA Polyplexes. Journal of Physical Chemistry B, 2013, 117, 10405-10413.	1.2	29
24	Role of Polyplex Intermediate Species on Gene Transfer Efficiency: Polyethylenimineâˆ’DNA Complexes and Time-Resolved Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2011, 115, 1895-1902.	1.2	33
25	Study of PEGylated Lipid Layers as a Model for PEGylated Liposome Surfaces: Molecular Dynamics Simulation and Langmuir Monolayer Studies. Langmuir, 2011, 27, 7788-7798.	1.6	95
26	Poly(Î²-amino ester)â€“DNA complexes: Time-resolved fluorescence and cellular transfection studies. Journal of Controlled Release, 2011, 154, 171-176.	4.8	19
27	Absolute Probe of Surface Chirality Based on Focused Circularly Polarized Light. Journal of Physical Chemistry Letters, 2010, 1, 1826-1829.	2.1	19
28	Langmuirâˆ’Schaeffer Films from a Ï€âˆ’Ï€ Stacking Perylenediimide Dye: Organization and Charge Transfer Properties. Langmuir, 2010, 26, 6630-6637.	1.6	36
29	Self-Assembled Films of Hydrophobin Proteins HFBI and HFBII Studied in Situ at the Air/Water Interface. Langmuir, 2009, 25, 1612-1619.	1.6	71
30	Effect of the deposition type on the structure of terthiophene-vinylbenzoate Langmuirâ€“Blodgett films. Thin Solid Films, 2008, 516, 7764-7769.	0.8	1
31	Effect of the Number of Arms on the Association of Amphiphilic Star Block Copolymers. Macromolecules, 2008, 41, 8855-8864.	2.2	44
32	Time-Resolved Fluorescence Spectroscopy Reveals Functional Differences of Cationic Polymerâˆ’DNA Complexes. Journal of the American Chemical Society, 2008, 130, 11695-11700.	6.6	45
33	Nonlinear Optical and Structural Properties of Langmuirâˆ’Blodgett Films of Thiohelicenebisquinones. Journal of Physical Chemistry B, 2008, 112, 1940-1945.	1.2	19
34	Self-Assembled Hydrophobin Protein Films at the Airâˆ’Water Interface:â€‰ Structural Analysis and Molecular Engineering. Biochemistry, 2007, 46, 2345-2354.	1.2	153
35	Self-assembled films of hydrophobin protein HFBIII from Trichoderma reesei. Journal of Applied Crystallography, 2007, 40, s355-s360.	1.9	16
36	<title>Linear optics in the second-order characterization of thin films</title>. , 2006, 6259, 147.		0

#	Article	IF	Citations
37	Linear optics in the second-order characterization of thin films. Chemical Physics Letters, 2006, 419, 492-495.	1.2	3
38	Importance of linear optics in the second-order characterization of molecular monolayers. , 2006, , .		0
39	Distinguishing between low symmetries when determining the nonlinearity of chiral thin films. , 2005, 5935, 96.		0
40	Langmuirâ€“Blodgett films of hydrophobins HFBI and HFBII. Surface Science, 2005, 584, 35-40.	0.8	18
41	Advantages of polarized two-beam second-harmonic generation in precise characterization of thin films. Journal of Chemical Physics, 2004, 120, 9245-9252.	1.2	16
42	A regression technique to analyze the second-order nonlinear optical response of thin films. Journal of Chemical Physics, 2004, 121, 1.	1.2	20
43	Spectrophotometric Study of Luminol in Dimethyl Sulfoxideâ€“Potassium Hydroxide. Journal of Fluorescence, 2003, 13, 315-322.	1.3	19
44	Head-to-tail organization of terthiopheneâ€“vinylbenzoate in Langmuirâ€“Blodgett films. Chemical Physics Letters, 2003, 377, 306-310.	1.2	8
45	Self-assembled structures of hydrophobins HFBI and HFBII. Journal of Applied Crystallography, 2003, 36, 499-502.	1.9	23
46	Structural Hierarchy in Molecular Films of Two Class II Hydrophobinsâ€. Biochemistry, 2003, 42, 5253-5258.	1.2	120
47	Application of isothermal and model-free isoconversional modes in DSC measurement for the curing process of the PU system. Journal of Applied Polymer Science, 2001, 81, 1474-1480.	1.3	26
48	Study of photocycle and spectral properties of bacteriorhodopsin in Langmuir-Blodgett films. Thin Solid Films, 1992, 213, 277-284.	0.8	33
49	Excited-state proton transfer reactions of long-chain derivatives of naphthols in solutions and Langmuirâ€”Blodgett films. Chemical Physics Letters, 1992, 193, 128-133.	1.2	11
50	The orientation of quinquethiophene in Langmuir-Blodgett films. Thin Solid Films, 1990, 190, 175-180.	0.8	12