

Vitali Vogel

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,159
citations

430874

18
h-index

610901

24
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all docs

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docs citations

24
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of two biorelevant in vitro drug release methods for nanotherapeutics based on advanced physiologically-based pharmacokinetic modelling. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 462-470.	4.3	33
2	Optimizing novel implant formulations for the prolonged release of biopharmaceuticals using in vitro and in vivo imaging techniques. <i>Journal of Controlled Release</i> , 2016, 235, 352-364.	9.9	18
3	Proteolytically-induced changes of secondary structural protein conformation of bovine serum albumin monitored by Fourier transform infrared (FT-IR) and UV-circular dichroism spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 8-18.	3.9	95
4	Estimation of anisotropy coefficient of swine pancreas, liver and muscle at 1064Ånm based on goniometric technique. <i>Journal of Biophotonics</i> , 2015, 8, 422-428.	2.3	12
5	Bridging Laboratory and Large Scale Production: Preparation and In Vitro-Evaluation of Photosensitizer-Loaded Nanocarrier Devices for Targeted Drug Delivery. <i>Pharmaceutical Research</i> , 2015, 32, 1714-1726.	3.5	19
6	Assessing the drug release from nanoparticles: Overcoming the shortcomings of dialysis by using novel optical techniques and a mathematical model. <i>International Journal of Pharmaceutics</i> , 2015, 488, 108-119.	5.2	46
7	Temperature imaging of laser-induced thermotherapy (LITT) by MRI: evaluation of different sequences in phantom. <i>Lasers in Medical Science</i> , 2014, 29, 173-183.	2.1	37
8	Magnetic resonance temperature imaging of laser-induced thermotherapy: assessment of fast sequences in <i>ex vivo</i> porcine liver. <i>Future Oncology</i> , 2013, 9, 1039-1050.	2.4	11
9	A novel method for the direct determination of heparin concentration during cardiopulmonary bypass surgery. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 2037-43.	2.3	8
10	A Soluble Fragment of the Tumor Antigen BCL2-associated Athanogene 6 (BAG-6) Is Essential and Sufficient for Inhibition of NKp30 Receptor-dependent Cytotoxicity of Natural Killer Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 34295-34303.	3.4	32
11	Analysis of the Complex Formation of Heparin with Protamine by Light Scattering and Analytical Ultracentrifugation: Implications for Blood Coagulation Management. <i>Journal of the American Chemical Society</i> , 2011, 133, 1134-1140.	13.7	39
12	Morphology, size distribution, and aggregate structure of lipopolysaccharide and lipid A dispersions from enterobacterial origin. <i>Innate Immunity</i> , 2011, 17, 427-438.	2.4	54
13	Monitoring of Demasking of Peptide Bonds During Proteolysis by Analysis of the Apparent Spectral Shift of Intrinsic Protein Fluorescence. <i>Food Biophysics</i> , 2011, 6, 519-526.	3.0	23
14	A toolbox for the upscaling of ethanolic human serum albumin (HSA) desolvation. <i>International Journal of Pharmaceutics</i> , 2011, 414, 225-232.	5.2	33
15	A liver-mimicking MRI phantom for thermal ablation experiments. <i>Medical Physics</i> , 2011, 38, 2674-2684.	3.0	20
16	Characterizing the Structure and Photocycle of PR 2D Crystals with CD and FTIR Spectroscopy. <i>Photochemistry and Photobiology</i> , 2009, 85, 529-534.	2.5	8
17	Physico-chemical characterisation of PLGA nanoparticles after freeze-drying and storage. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 428-437.	4.3	106
18	Encapsulation of Water-Insoluble Drugs in Poly(butyl cyanoacrylate) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 5091-5098.	0.9	16

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19	Structural evolution of C-terminal domains in the p53 family. EMBO Journal, 2007, 26, 3463-3473.	7.8	85
20	Oligonucleotide-protamine-albumin nanoparticles: preparation, physical properties, and intracellular distribution. Journal of Controlled Release, 2005, 103, 99-111.	9.9	37
21	Oligonucleotide-protamine-albumin nanoparticles: Protamine sulfate causes drastic size reduction. Journal of Controlled Release, 2005, 106, 181-187.	9.9	32
22	Metallo-supramolecular block copolymer micelles: Improved preparation and characterization. Journal of Polymer Science Part A, 2004, 42, 4458-4465.	2.3	32
23	Comparison of scanning electron microscopy, dynamic light scattering and analytical ultracentrifugation for the sizing of poly(butyl cyanoacrylate) nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 57, 369-375.	4.3	330
24	Metallo-supramolecular micelles: Studies by analytical ultracentrifugation and electron microscopy. Journal of Polymer Science Part A, 2003, 41, 3159-3168.	2.3	33