

Vesa-Pekka Lehto

List of Publications by Year in descending order

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129
papers

6,167
citations

71102

41
h-index

76900

74
g-index

131
all docs

131
docs citations

131
times ranked

6318
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-contrast micro-CT enables cartilage lesion detection and tissue condition evaluation ex vivo. <i>Equine Veterinary Journal</i> , 2023, 55, 315-324.	1.7	5
2	Functionalized nanoporous silicon for extraction of Sc from a leach solution. <i>Hydrometallurgy</i> , 2022, , 105866.	4.3	2
3	Experimental Evaluation of Radiation Response and Thermal Properties of NPs-Loaded Tissues-Mimicking Phantoms. <i>Nanomaterials</i> , 2022, 12, 945.	4.1	9
4	Recent Developments in Porous Silicon Nanovectors with Various Imaging Modalities in the Framework of Theranostics. <i>ChemMedChem</i> , 2022, 17, .	3.2	2
5	Self-standing mesoporous Si films as anodes for lithium-ion microbatteries. <i>Journal of Power Sources</i> , 2022, 529, 231269.	7.8	12
6	Colonic Delivery of ω -Linolenic Acid by an Advanced Nutrient Delivery System Prolongs Glucagon-Like Peptide-1 Secretion and Inhibits Food Intake in Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100978.	3.3	4
7	Quantitative Comparison of the Light-to-Heat Conversion Efficiency in Nanomaterials Suitable for Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33555-33566.	8.0	32
8	Rapid synthesis of nanostructured porous silicon carbide from biogenic silica. <i>Journal of the American Ceramic Society</i> , 2021, 104, 766-775.	3.8	6
9	Inorganic Nanomaterials for Photothermal-Based Cancer Theranostics. <i>Advanced Therapeutics</i> , 2021, 4, 2000207.	3.2	11
10	Biogenic nanoporous silicon carrier improves the efficacy of buparvaquone against resistant visceral leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009533.	3.0	5
11	Comparison between Fluorescence Imaging and Elemental Analysis to Determine Biodistribution of Inorganic Nanoparticles with Strong Light Absorption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40392-40400.	8.0	5
12	Production and stability of amorphous solid dispersions produced by a Freeze-drying method from DMSO. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120902.	5.2	11
13	Cell membrane coating integrity affects the internalization mechanism of biomimetic nanoparticles. <i>Nature Communications</i> , 2021, 12, 5726.	12.8	126
14	Plant-based nanostructured silicon carbide modified with bisphosphonates for metal adsorption. <i>Microporous and Mesoporous Materials</i> , 2021, 324, 111294.	4.4	5
15	Recovery of uranium with bisphosphonate modified mesoporous silicon. <i>Separation and Purification Technology</i> , 2021, 272, 118913.	7.9	27
16	Challenges and prospects of nanosized silicon anodes in lithium-ion batteries. <i>Nanotechnology</i> , 2021, 32, 042002.	2.6	95
17	Triple Contrast CT Method Enables Simultaneous Evaluation of Articular Cartilage Composition and Segmentation. <i>Annals of Biomedical Engineering</i> , 2020, 48, 556-567.	2.5	10
18	Black Mesoporous Silicon as a Contrast Agent for LED-Based 3D Photoacoustic Tomography. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5456-5461.	8.0	11

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19	Stable surface functionalization of carbonized mesoporous silicon. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 631-641.	6.0	11
20	Bisphosphonate modified mesoporous silicon for scandium adsorption. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 109980.	4.4	21
21	Controlling the Nature of Etched Si Nanostructures: High- versus Low-Load Metal-Assisted Catalytic Etching (MACE) of Si Powders. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4787-4796.	8.0	11
22	Low-Load Metal-Assisted Catalytic Etching Produces Scalable Porosity in Si Powders. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48969-48981.	8.0	14
23	Tailored Synthesis of PEGylated Bismuth Nanoparticles for X-ray Computed Tomography and Photothermal Therapy: One-Pot, Targeted Pyrolysis, and Self-Promotion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47233-47244.	8.0	7
24	Thermal dose as a universal tool to evaluate nanoparticle-induced photothermal therapy. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119657.	5.2	11
25	Cascading use of barley husk ash to produce silicon for composite anodes of Li-ion batteries. <i>Materials Chemistry and Physics</i> , 2020, 245, 122736.	4.0	14
26	Synthesis of graphene-like carbon from agricultural side stream with magnesiothermic reduction coupled with atmospheric pressure induction annealing. <i>Nano Express</i> , 2020, 1, 010014.	2.4	7
27	Mechanical penetration of β -lactam-resistant Gram-negative bacteria by programmable nanowires. <i>Science Advances</i> , 2020, 6, .	10.3	23
28	Conjugation with carbon nanotubes improves the performance of mesoporous silicon as Li-ion battery anode. <i>Scientific Reports</i> , 2020, 10, 5589.	3.3	31
29	Injection Metal-Assisted Catalytic Etching (MACE) of Si Powder: Discovery of Low-Load MACE and Pore Distribution Tunability Using Ag, Au, Pd, Pt and Cu Catalysts. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 1219-1219.	0.0	0
30	The atomic local ordering of SBA-15 studied with pair distribution function analysis, and its relationship to porous structure and thermal stability. <i>Acta Materialia</i> , 2019, 175, 341-347.	7.9	10
31	Inorganic mesoporous particles for controlled ω -linolenic acid delivery to stimulate GLP-1 secretion in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 144, 132-138.	4.3	8
32	Cavitation Induced by Janus-Like Mesoporous Silicon Nanoparticles Enhances Ultrasound Hyperthermia. <i>Frontiers in Chemistry</i> , 2019, 7, 393.	3.6	17
33	Assessment of the Relaxation-Enhancing Properties of a Nitroxide-Based Contrast Agent TEEPO-Glc with <i>In Vivo</i> Magnetic Resonance Imaging. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-8.	0.8	5
34	Site-Specific ^{111}In -Radiolabeling of Dual-PEGylated Porous Silicon Nanoparticles and Their <i>In Vivo</i> Evaluation in Murine 4T1 Breast Cancer Model. <i>Pharmaceutics</i> , 2019, 11, 686.	4.5	14
35	Designed inorganic porous nanovector with controlled release and MRI features for safe administration of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2019, 554, 327-336.	5.2	12
36	Approaches to improve the biocompatibility and systemic circulation of inorganic porous nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3632-3649.	5.8	30

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37	Mesoporous systems for poorly soluble drugs – recent trends. <i>International Journal of Pharmaceutics</i> , 2018, 536, 178-186.	5.2	51
38	Scalable Synthesis of Biodegradable Black Mesoporous Silicon Nanoparticles for Highly Efficient Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23529-23538.	8.0	35
39	New approach for determining cartilage pore size distribution: NaCl-thermoporometry. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 238-245.	4.4	23
40	Dual Contrast CT Method Enables Diagnostics of Cartilage Injuries and Degeneration Using a Single CT Image. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2857-2866.	2.5	22
41	Nano Air Seeds Trapped in Mesoporous Janus Nanoparticles Facilitate Cavitation and Enhance Ultrasound Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35234-35243.	8.0	27
42	Electrochemically anodized porous silicon: Towards simple and affordable anode material for Li-ion batteries. <i>Scientific Reports</i> , 2017, 7, 7880.	3.3	48
43	Chlorin e6 Functionalized Theranostic Multistage Nanovectors Transported by Stem Cells for Effective Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23441-23449.	8.0	51
44	Toward Controlled Photothermal Treatment of Single Cell: Optically Induced Heating and Remote Temperature Monitoring In Vitro through Double Wavelength Optical Tweezers. <i>ACS Photonics</i> , 2017, 4, 1993-2002.	6.6	25
45	Temperature responsive porous silicon nanoparticles for cancer therapy – spatiotemporal triggering through infrared and radiofrequency electromagnetic heating. <i>Journal of Controlled Release</i> , 2016, 241, 220-228.	9.9	58
46	Tailored Dual PEGylation of Inorganic Porous Nanocarriers for Extremely Long Blood Circulation in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32723-32731.	8.0	39
47	Improved production efficiency of mesoporous silicon nanoparticles by pulsed electrochemical etching. <i>Powder Technology</i> , 2016, 288, 360-365.	4.2	26
48	Cytotoxicity assessment of porous silicon microparticles for ocular drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 100, 1-8.	4.3	37
49	Fabrication of Porous Silicon Based Humidity Sensing Elements on Paper. <i>Journal of Sensors</i> , 2015, 2015, 1-10.	1.1	21
50	Synthesis and in vitro phantom NMR and MRI studies of fully organic free radicals, TEEPO-glucose and TEMPO-glucose, potential contrast agents for MRI. <i>RSC Advances</i> , 2015, 5, 15507-15510.	3.6	13
51	Special Issue on the recent trends in Thermal Analysis and Calorimetry in the European Region. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 1-5.	3.6	9
52	Novel Delivery Systems for Improving the Clinical Use of Peptides. <i>Pharmacological Reviews</i> , 2015, 67, 541-561.	16.0	62
53	Optimisation of thermoporometry measurements to evaluate mesoporous organic and carbon xero-, cryo- and aerogels. <i>Thermochimica Acta</i> , 2015, 621, 81-89.	2.7	10
54	Systematic in Vitro and in Vivo study on porous silicon to improve the oral bioavailability of celecoxib. <i>Biomaterials</i> , 2015, 52, 44-55.	11.4	38

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55	Smart Porous Silicon Nanoparticles with Polymeric Coatings for Sequential Combination Therapy. <i>Molecular Pharmaceutics</i> , 2015, 12, 4038-4047.	4.6	63
56	Porous Silicon in Drug Delivery Applications. <i>Springer Series in Materials Science</i> , 2015, , 163-185.	0.6	0
57	Endogenous Stable Radicals for Characterization of Thermally Carbonized Porous Silicon by Solid-State Dynamic Nuclear Polarization ¹³ C NMR. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19272-19278.	3.1	23
58	Improved stability and biocompatibility of nanostructured silicon drug carrier for intravenous administration. <i>Acta Biomaterialia</i> , 2015, 13, 207-215.	8.3	60
59	A Nanostopper Approach To Selectively Engineer the Surfaces of Mesoporous Silicon. <i>Chemistry of Materials</i> , 2014, 26, 6734-6742.	6.7	28
60	Injected nanoparticles: The combination of experimental systems to assess cardiovascular adverse effects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 64-72.	4.3	17
61	Microfluidic Assembly of Monodisperse Multistage pH-Responsive Polymer/Porous Silicon Composites for Precisely Controlled Multi-Drug Delivery. <i>Small</i> , 2014, 10, 2029-2038.	10.0	105
62	Phase Separation in Coamorphous Systems: <i>in Silico</i> Prediction and the Experimental Challenge of Detection. <i>Molecular Pharmaceutics</i> , 2014, 11, 2271-2279.	4.6	36
63	Facile synthesis of biocompatible superparamagnetic mesoporous nanoparticles for imageable drug delivery. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 2-8.	4.4	15
64	Porous Silicon-Cell Penetrating Peptide Hybrid Nanocarrier for Intracellular Delivery of Oligonucleotides. <i>Molecular Pharmaceutics</i> , 2014, 11, 382-390.	4.6	28
65	Nanocarriers and the delivered drug: Effect interference due to intravenous administration. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 96-102.	4.0	10
66	Co-delivery of a hydrophobic small molecule and a hydrophilic peptide by porous silicon nanoparticles. <i>Journal of Controlled Release</i> , 2013, 170, 268-278.	9.9	141
67	Development of Porous Silicon Nanocarriers for Parenteral Peptide Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 353-359.	4.6	65
68	Effect of surface chemistry of porous silicon microparticles on glucagon-like peptide-1 (GLP-1) loading, release and biological activity. <i>International Journal of Pharmaceutics</i> , 2013, 454, 67-73.	5.2	30
69	Mesoporous systems for poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2013, 453, 181-197.	5.2	196
70	Insights into the Evaporation Kinetics of Indomethacin Solutions. <i>Chemical Engineering and Technology</i> , 2013, 36, 1300-1306.	1.5	5
71	Functionalization of Mesoporous Silicon Nanoparticles for Targeting and Bioimaging Purposes. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	52
72	Amine Surface Modifications and Fluorescent Labeling of Thermally Stabilized Mesoporous Silicon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22307-22314.	3.1	41

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73	Porous silicon micro- and nanoparticles for printed humidity sensors. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	29
74	Computational Approach for Fast Screening of Small Molecular Candidates To Inhibit Crystallization in Amorphous Drugs. <i>Molecular Pharmaceutics</i> , 2012, 9, 2844-2855.	4.6	19
75	Surface Chemistry, Reactivity, and Pore Structure of Porous Silicon Oxidized by Various Methods. <i>Langmuir</i> , 2012, 28, 10573-10583.	3.5	82
76	Effect of isotonic solutions and peptide adsorption on zeta potential of porous silicon nanoparticle drug delivery formulations. <i>International Journal of Pharmaceutics</i> , 2012, 431, 230-236.	5.2	82
77	Investigation of Solid Phase Composition on Tablet Surfaces by Grazing Incidence X-ray Diffraction. <i>Pharmaceutical Research</i> , 2012, 29, 134-144.	3.5	13
78	Mesoporous Silicon (PSi) for Sustained Peptide Delivery: Effect of PSi Microparticle Surface Chemistry on Peptide YY3-36 Release. <i>Pharmaceutical Research</i> , 2012, 29, 837-846.	3.5	79
79	¹⁸ F-Labeled Modified Porous Silicon Particles for Investigation of Drug Delivery Carrier Distribution in Vivo with Positron Emission Tomography. <i>Molecular Pharmaceutics</i> , 2011, 8, 1799-1806.	4.6	65
80	Nanostructured porous silicon microparticles enable sustained peptide (Melanotan II) delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 20-25.	4.3	61
81	Low-temperature aerosol flow reactor method for preparation of surface stabilized pharmaceutical nanocarriers. <i>Journal of Aerosol Science</i> , 2011, 42, 645-656.	3.8	8
82	In Vitro Dissolution Methods for Hydrophilic and Hydrophobic Porous Silicon Microparticles. <i>Pharmaceutics</i> , 2011, 3, 315-325.	4.5	10
83	Physicochemical stability of high indomethacin payload ordered mesoporous silica MCM-41 and SBA-15 microparticles. <i>International Journal of Pharmaceutics</i> , 2011, 416, 242-51.	5.2	50
84	Utilising thermoporometry to obtain new insights into nanostructured materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 811-821.	3.6	58
85	Utilising thermoporometry to obtain new insights into nanostructured materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 823-830.	3.6	41
86	Aerosol characterization and lung deposition of synthesized TiO ₂ nanoparticles for murine inhalation studies. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2949-2961.	1.9	9
87	Atmospheric pressure chemical vapour synthesis of silicon-carbon nanoceramics from hexamethyldisilane in high temperature aerosol reactor. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4631-4645.	1.9	25
88	Drug permeation across intestinal epithelial cells using porous silicon nanoparticles. <i>Biomaterials</i> , 2011, 32, 2625-2633.	11.4	157
89	Multifunctional Porous Silicon for Therapeutic Drug Delivery and Imaging. <i>Current Drug Discovery Technologies</i> , 2011, 8, 228-249.	1.2	97
90	Calorimetric determination of dissolution enthalpy with a novel flow-through method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 821-825.	2.8	3

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91	Investigations on particle surface characteristics vs. dispersion behaviour of Heucine coated carrier-free inhalable powders. <i>International Journal of Pharmaceutics</i> , 2010, 385, 79-85.	5.2	53
92	In vitro cytotoxicity of porous silicon microparticles: Effect of the particle concentration, surface chemistry and size. <i>Acta Biomaterialia</i> , 2010, 6, 2721-2731.	8.3	158
93	Predicting the Formation and Stability of Amorphous Small Molecule Binary Mixtures from Computationally Determined Flory-Huggins Interaction Parameter and Phase Diagram. <i>Molecular Pharmaceutics</i> , 2010, 7, 795-804.	4.6	145
94	Cytotoxicity study of ordered mesoporous silica MCM-41 and SBA-15 microparticles on Caco-2 cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 483-494.	4.3	87
95	Biocompatibility of Thermally Hydrocarbonized Porous Silicon Nanoparticles and their Biodistribution in Rats. <i>ACS Nano</i> , 2010, 4, 3023-3032.	14.6	316
96	Semimetallic TiO ₂ Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7236-7239.	13.8	133
97	Electrochemically induced bioactivity of porous silicon functionalized by acetylene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 1333-1338.	1.8	4
98	Detecting amine vapours with thermally carbonized porous silicon gas sensor. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 1769-1772.	0.8	16
99	Optical gas sensing properties of thermally hydrocarbonized porous silicon Bragg reflectors. <i>Optics Express</i> , 2009, 17, 5446.	3.4	60
100	Determination of the Physical State of Drug Molecules in Mesoporous Silicon with Different Surface Chemistries. <i>Langmuir</i> , 2009, 25, 6137-6142.	3.5	73
101	Fabrication and chemical surface modification of mesoporous silicon for biomedical applications. <i>Chemical Engineering Journal</i> , 2008, 137, 162-172.	12.7	152
102	Mesoporous Silicon in Drug Delivery Applications. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 632-653.	3.3	398
103	An Effective Desiccant System to Regulate the Humidity Inside the Chambers of the Solid Dosage Forms. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 1233-1239.	2.0	3
104	Enhanced in vitro permeation of furosemide loaded into thermally carbonized mesoporous silicon (TCPSi) microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 348-356.	4.3	83
105	Failure of MTT as a Toxicity Testing Agent for Mesoporous Silicon Microparticles. <i>Chemical Research in Toxicology</i> , 2007, 20, 1913-1918.	3.3	129
106	Carbon doping of self-organized TiO ₂ nanotube layers by thermal acetylene treatment. <i>Nanotechnology</i> , 2007, 18, 105604.	2.6	121
107	Does the preferred orientation of crystallites in tablets affect the intrinsic dissolution?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1315-1323.	2.8	19
108	Effect of texture on the intrinsic dissolution behaviour of acetylsalicylic acid and tolbutamide compacts. <i>Journal of Applied Crystallography</i> , 2007, 40, 857-864.	4.5	7

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109	Crystal Structure Changes of β -cyclodextrin After the SEDS Process in Supercritical Carbon Dioxide Affect the Dissolution Rate of Complexed Budesonide. <i>Pharmaceutical Research</i> , 2007, 24, 1058-1066.	3.5	33
110	The comparison of seven different methods to quantify the amorphous content of spray dried lactose. <i>Powder Technology</i> , 2006, 167, 85-93.	4.2	99
111	Depth Profiling of Compression-Induced Disorders and Polymorphic Transition on Tablet Surfaces with Grazing Incidence X-ray Diffraction. <i>Pharmaceutical Research</i> , 2006, 23, 813-820.	3.5	38
112	Preparation of budesonide- β -cyclodextrin complexes in supercritical fluids with a novel SEDS method. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2235-2245.	3.3	31
113	Quantitative analysis of amorphous content of lactose using CCD-Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 907-911.	2.8	22
114	Water adsorption on plasma sprayed transition metal oxides. <i>Applied Surface Science</i> , 2005, 249, 115-126.	6.1	25
115	Mesoporous silicon microparticles for oral drug delivery: Loading and release of five model drugs. <i>Journal of Controlled Release</i> , 2005, 108, 362-374.	9.9	497
116	Moisture transfer into medicament chambers equipped with a double-barrier-desiccant system. <i>International Journal of Pharmaceutics</i> , 2004, 275, 155-164.	5.2	5
117	Effect of particle morphology on the triboelectrification in dry powder inhalers. <i>International Journal of Pharmaceutics</i> , 2004, 282, 107-114.	5.2	76
118	Characterization of the preferred orientation of β -mannitol crystallites in tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 559-564.	2.8	7
119	Determination of Amorphous Content of Lactose Samples by Solution Calorimetry. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 809-815.	2.0	22
120	Effects of carriers and storage of formulation on the lung deposition of a hydrophobic and hydrophilic drug from a DPI. <i>International Journal of Pharmaceutics</i> , 2003, 263, 151-163.	5.2	30
121	Effects of Ethanol to Water Ratio in Feed Solution on the Crystallinity of Spray-Dried Lactose. <i>Drug Development and Industrial Pharmacy</i> , 2002, 28, 949-955.	2.0	36
122	Lactose modifications enhance its drug performance in the novel multiple dose Taifun [®] DPI. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 16, 313-321.	4.0	42
123	Effect of amorphicity on the triboelectrification of lactose powder. <i>Journal of Electrostatics</i> , 2002, 56, 103-110.	1.9	41
124	Dynamic solid-state and tableting properties of four theophylline forms. <i>International Journal of Pharmaceutics</i> , 2001, 217, 225-236.	5.2	46
125	Simultaneous determination of the heat and the quantity of vapor sorption using a novel microcalorimetric method. , 2000, 17, 701-706.		15
126	Real time detection of photoreactivity in pharmaceutical solids and solutions with isothermal microcalorimetry. <i>Pharmaceutical Research</i> , 1999, 16, 368-373.	3.5	11

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127	A kinetic study of polymorphic transition of anhydrous caffeine with microcalorimeter. <i>Thermochimica Acta</i> , 1998, 317, 47-58.	2.7	52
128	A kinetic study on crystallization of an amorphous lubricant. , 1997, 14, 899-904.		8
129	X-ray diffraction and microcalorimetry study of the $\beta \rightarrow \beta'$ transformation of tripalmitin. <i>Thermochimica Acta</i> , 1996, 276, 229-242.	2.7	12