

Thomas Hanemann

List of Publications by Year in descending order

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151
papers

3,410
citations

186209

28
h-index

175177

52
g-index

156
all docs

156
docs citations

156
times ranked

3950
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Printed Hermetic Alumina Housings. <i>Materials</i> , 2021, 14, 200.	1.3	15
2	Structure-Property Relationship of Polymerized Ionic Liquids for Solid-State Electrolyte Membranes. <i>Polymers</i> , 2021, 13, 792.	2.0	9
3	Structure-Property Relation of Trimethyl Ammonium Ionic Liquids for Battery Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5679.	1.3	14
4	Crosslinking Behavior of UV-Cured Polyorganosilazane as Polymer-Derived Ceramic Precursor in Ambient and Nitrogen Atmosphere. <i>Polymers</i> , 2021, 13, 2424.	2.0	8
5	Formulation of a Ceramic Ink for 3D Inkjet Printing. <i>Micromachines</i> , 2021, 12, 1136.	1.4	6
6	Printing of Zirconia Parts via Fused Filament Fabrication. <i>Materials</i> , 2021, 14, 5467.	1.3	24
7	Poly(ionic liquid) Based Composite Electrolytes for Lithium Ion Batteries. <i>Polymers</i> , 2021, 13, 4469.	2.0	4
8	New Feedstock System for Fused Filament Fabrication of Sintered Alumina Parts. <i>Materials</i> , 2020, 13, 4461.	1.3	33
9	Development of a Multi-Material Stereolithography 3D Printing Device. <i>Micromachines</i> , 2020, 11, 532.	1.4	30
10	Investigations on the Processing of Ceramic Filled Inks for 3D Inkjet Printing. <i>Materials</i> , 2020, 13, 2587.	1.3	9
11	3D Printing of ABS Barium Ferrite Composites. <i>Materials</i> , 2020, 13, 1481.	1.3	28
12	Additives for Cycle Life Improvement of High-Voltage LNMO-Based Li-Ion Cells. <i>ChemElectroChem</i> , 2019, 6, 5255-5263.	1.7	24
13	Polymerizable Ionic Liquids for Solid-State Polymer Electrolytes. <i>Molecules</i> , 2019, 24, 324.	1.7	8
14	PVB/PEG-Based Feedstocks for Injection Molding of Alumina Microreactor Components. <i>Materials</i> , 2019, 12, 1219.	1.3	10
15	Influence of Al ₂ O ₃ Nanoparticle Addition on a UV Cured Polyacrylate for 3D Inkjet Printing. <i>Polymers</i> , 2019, 11, 633.	2.0	8
16	The influence on sintering and properties of sodium niobate (NaNbO ₃) ceramics by non-stoichiometric precursor compositions. <i>Materials Chemistry and Physics</i> , 2019, 229, 437-447.	2.0	4
17	Investigation of Feedstock Preparation for Injection Molding of Oxide-Oxide Ceramic Composites. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 9.	1.0	10
18	Experimental dataset on electrolyte mixtures containing fluoroethylene carbonate and lithium bis(trifluoromethanesulfonyl)imide. <i>Data in Brief</i> , 2019, 23, 103703.	0.5	1

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19	Overcoming oxygen inhibition effect by TODA in acrylate-based ceramic-filled inks. Progress in Organic Coatings, 2019, 130, 221-225.	1.9	11
20	Powder Injection Molding of Oxide Ceramic CMC. Key Engineering Materials, 2019, 809, 148-152.	0.4	4
21	Low-flammable electrolytes with fluoroethylene carbonate based solvent mixtures and lithium bis(trifluoromethanesulfonyl)imide for lithium-ion batteries. Electrochimica Acta, 2019, 298, 960-972.	2.6	13
22	ELECTROPHORETIC DEPOSITION OF BiVO ₄ LAYERS ON FTO SUBSTRATES FOR PHOTO ELECTRO-CHEMICAL CELLS. Ceramics - Silikaty, 2019, , 124-130.	0.2	2
23	Ceramic Injection Moulding using 3D-Printed Mould Inserts. Ceramics in Modern Technologies, 2019, 1, 104-110.	0.3	4
24	Inkjet-printed internal light extraction layers for organic light emitting diodes. Flexible and Printed Electronics, 2018, 3, 015007.	1.5	6
25	Fused Filament Fabrication of Small Ceramic Components. Materials, 2018, 11, 1463.	1.3	78
26	A 3D-Printable Polymer-Metal Soft-Magnetic Functional Composite—Development and Characterization. Materials, 2018, 11, 189.	1.3	80
27	Fused Deposition Modeling of ABS-Barium Titanate Composites: A Simple Route towards Tailored Dielectric Devices. Polymers, 2018, 10, 666.	2.0	70
28	Optical and Thermomechanical Properties of Doped Polyfunctional Acrylate Copolymers. Polymers, 2018, 10, 337.	2.0	5
29	Large-Area Screen-Printed Internal Extraction Layers for Organic Light-Emitting Diodes. ACS Photonics, 2017, 4, 928-933.	3.2	43
30	Comparative surface analysis study of the solid electrolyte interphase formation on graphite anodes in lithium-ion batteries depending on the electrolyte composition. Surface and Interface Analysis, 2017, 49, 361-369.	0.8	23
31	Automated Misalignment Compensating Interconnects Based on Self-Written Waveguides. Journal of Lightwave Technology, 2017, 35, 2678-2684.	2.7	19
32	Development and characterization of adjustable refractive index scattering epoxy acrylate polymer layers. Optical Engineering, 2017, 56, 037105.	0.5	2
33	Preventing Li-ion cell explosion during thermal runaway with reduced pressure. Applied Thermal Engineering, 2017, 124, 539-544.	3.0	53
34	Ink-jet printed optical waveguides. Flexible and Printed Electronics, 2017, 2, 045003.	1.5	12
35	Pulsed laser deposition of piezoelectric lead zirconate titanate thin films maintaining a post-CMOS compatible thermal budget. Journal of Applied Physics, 2017, 122, .	1.1	8
36	Towards low-temperature deposition of piezoelectric Pb(Zr,Ti)O ₃ : Influence of pressure and temperature on the properties of pulsed laser deposited Pb(Zr,Ti)O ₃ . Thin Solid Films, 2017, 636, 680-687.	0.8	12

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37	Refractive index increase of acrylate-based polymers by adding soluble aromatic guest-molecules. <i>Polymers for Advanced Technologies</i> , 2017, 28, 506-510.	1.6	4
38	Refractive index increase of acrylate-based polymers by adding soluble aromatic guest-molecules. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1209-1209.	1.6	0
39	Micron-Sized Pored Membranes Based on Polyvinylidene Difluoride Hexafluoropropylene Prepared by Phase Inversion Techniques. <i>Polymers</i> , 2017, 9, 489.	2.0	3
40	Screen-Printed Internal Extraction Layers based on Scattering Polymer/Nanoparticle Composites for OLEDs. , 2017, , .		0
41	LIGHT INTENSITY INFLUENCE ON STRONTIUM TITANATE BASED PHOTO- ELECTROCHEMICAL CELLS. <i>Ceramics - Silikaty</i> , 2017, , 179-182.	0.2	0
42	Investigation of Ternary Mixtures Containing 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)azanide, Ethylene Carbonate and Lithium Bis(trifluoromethanesulfonyl)azanide. <i>International Journal of Molecular Sciences</i> , 2016, 17, 670.	1.8	8
43	Development and characterization of high refractive index and high scattering acrylate polymer layers. <i>Optical Engineering</i> , 2016, 55, 117106.	0.5	2
44	Development and characterization of high refractive index and high scattering acrylate polymer layers. , 2016, , .		0
45	Surface Analytical Study Regarding the Solid Electrolyte Interphase Composition of Nanoparticulate SnO ₂ Anodes for Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2016, 120, 24706-24714.	1.5	29
46	The co-casting process: A new manufacturing process for ceramic multilayer devices. <i>Sensors and Actuators A: Physical</i> , 2016, 251, 266-275.	2.0	5
47	Development and characterization of adjustable refractive index scattering epoxy acrylate polymer layers. , 2016, , .		1
48	Ink-jet printed fluorescent materials as light sources for planar optical waveguides on polymer foils. <i>Optical Engineering</i> , 2016, 55, 107107.	0.5	10
49	Ink-jet printing of host-guest systems based on acrylates with fluorescent dopants. , 2016, , .		1
50	Optically and rheologically tailored polymers for applications in integrated optics. <i>Sensors and Actuators A: Physical</i> , 2016, 241, 224-230.	2.0	10
51	The influence of photo initiators on refractive index and glass transition temperature of optically and rheologically adjusted acrylate based polymers. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1294-1300.	1.6	2
52	Tailoring Optical and Rheological Properties of Host-guest Systems Based on an Epoxy Acrylate. <i>Materials Today: Proceedings</i> , 2016, 3, 289-293.	0.9	2
53	Investigation of Binary Mixtures Containing 1-Ethyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)azanide and Ethylene Carbonate. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 114-123.	1.0	30
54	LOWERING THE SINTERING TEMPERATURE OF BARIUM STRONTIUM TITANATE BULK CERAMICS BY BARIUM STRONTIUM TITANATE-GEL AND BaCu(Ba, Oâ„¦...). <i>Ceramics - Silikaty</i> , 2016, , 1-11.	0.2	3

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55	Optical waveguides fabricated by combination of ink-jet and flexographic printing. NIP & Digital Fabrication Conference, 2016, 32, 294-297.	0.1	0
56	Polymers with Customizable Optical and Rheological Properties for Printable Single-mode Waveguides. Procedia Engineering, 2015, 120, 3-6.	1.2	5
57	Electrolyte Mixtures Based on Ethylene Carbonate and Dimethyl Sulfone for Li-Ion Batteries with Improved Safety Characteristics. ChemSusChem, 2015, 8, 1892-1900.	3.6	24
58	Viscosity and refractive index adjustment of poly(methyl methacrylate- <i>co</i> -ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.6	8
59	Interaction of High Flash Point Electrolytes and PE-Based Separators for Li-Ion Batteries. International Journal of Molecular Sciences, 2015, 16, 20258-20276.	1.8	10
60	Investigation of the Oxidative Stability of Li-Ion Battery Electrolytes Using Cathode Materials. ECS Electrochemistry Letters, 2015, 4, A141-A144.	1.9	5
61	Morphology and oxygen vacancy investigation of strontium titanate-based photo electrochemical cells. Journal of Materials Science, 2015, 50, 40-48.	1.7	5
62	Rapid prototyping of glass microfluidic chips. , 2015, , .		1
63	Cladded self-written multimode step-index waveguides using a one-polymer approach. Optics Letters, 2015, 40, 1830.	1.7	34
64	Polymers with customizable optical and rheological properties based on an epoxy acrylate based host-guest system. , 2015, , .		0
65	Novel electrolyte mixtures based on dimethyl sulfone, ethylene carbonate and LiPF ₆ for lithium-ion batteries. Journal of Power Sources, 2015, 298, 322-330.	4.0	25
66	A Novel Co-casting Process for Piezoelectric Multilayer Ceramics with Silver Inner Electrodes. Procedia Engineering, 2015, 120, 124-129.	1.2	5
67	Modeling of the Electrical Properties of Bidirectional Alkaline Air Electrodes. Journal of the Electrochemical Society, 2014, 161, A1019-A1022.	1.3	1
68	Tailoring the optical and rheological properties of an epoxy acrylate based host-guest system. , 2014, , .		0
69	Polymer-based route to ferroelectric lead strontium titanate thin films. Journal of Applied Polymer Science, 2014, 131, .	1.3	4
70	Tuning the Optical and Rheological Properties of Host-guest Systems based on an Epoxy Acrylate and MMA. Procedia Technology, 2014, 15, 161-167.	1.1	4
71	Tailoring the optical and rheological properties of an epoxy acrylate based host-guest system. Optical Engineering, 2014, 53, 087106.	0.5	15
72	Anodic Aluminum Dissolution of LiTFSa Containing Electrolytes for Li-Ion-Batteries. Electrochimica Acta, 2014, 116, 388-395.	2.6	35

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73	Polymethylmethacrylate/polyethyleneglycol-based partially water soluble binder system for micro ceramic injection moulding. <i>Microsystem Technologies</i> , 2014, 20, 51-58.	1.2	10
74	“LIGA2” process for mass production of single polymeric LIGA micro parts. <i>Microsystem Technologies</i> , 2014, 20, 1955-1960.	1.2	0
75	Ferroelectric thin film fabrication by direct UV-lithography. <i>Microsystem Technologies</i> , 2014, 20, 1859-1867.	1.2	5
76	Viscosity and refractive index tailored methacrylate-based polymers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	8
77	Mixtures of Ionic Liquid and Sulfolane as Electrolytes for Li-Ion Batteries. <i>Electrochimica Acta</i> , 2014, 147, 704-711.	2.6	36
78	Anodic Aluminum Dissolution in Conducting Salt Containing Electrolytes for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2014, 161, A431-A438.	1.3	31
79	Electrochemical performance of tin-based nano-composite electrodes using a vinylene carbonate-containing electrolyte for Li-ion cells. <i>Journal of Power Sources</i> , 2014, 263, 145-153.	4.0	10
80	Low Temperature Sintering of PZT. <i>Journal of Physics: Conference Series</i> , 2014, 557, 012132.	0.3	4
81	Investigation of the degradation of SnO ₂ electrodes for use in Li-ion cells. <i>Journal of Power Sources</i> , 2013, 233, 139-147.	4.0	34
82	Metal-ceramic-composite casting of complex micro components. <i>Microsystem Technologies</i> , 2013, 19, 159-165.	1.2	5
83	Suppressed lithium dendrite growth in lithium batteries using ionic liquid electrolytes: Investigation by electrochemical impedance spectroscopy, scanning electron microscopy, and in situ ⁷ Li nuclear magnetic resonance spectroscopy. <i>Journal of Power Sources</i> , 2013, 228, 237-243.	4.0	137
84	Gel electrolytes based on ionic liquids for advanced lithium polymer batteries. <i>Electrochimica Acta</i> , 2013, 89, 823-831.	2.6	88
85	Nanoparticle surface polarity influence on the flow behavior of polymer matrix composites. <i>Polymer Composites</i> , 2013, 34, 1425-1432.	2.3	5
86	Polyester-styrene/ceramic nanocomposites for antenna applications. , 2013, , .		2
87	Thickness variation of electrophoretically deposited strontium titanate films for photoelectrochemical energy conversion. <i>Journal of Applied Physics</i> , 2013, 114, 027020.	1.1	7
88	Influence of the nanoparticle surface polarity on the flow behavior of polymer matrix composites. , 2012, , .		0
89	Polymer nanocomposites for optical applications. , 2012, , 567-604.		7
90	Realization of embedded capacitors using polymer matrix composites with barium titanate as high-k-active filler. <i>Microsystem Technologies</i> , 2012, 18, 745-751.	1.2	9

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91	Development of Two-Component Micropowder Injection Molding (2C MicroPIM): Characteristics of Applicable Materials. International Journal of Applied Ceramic Technology, 2011, 8, 194-202.	1.1	22
92	Influence of Stearic Acid Concentration on the Processing of ZrO ₂ -Containing Feedstocks Suitable for Micropowder Injection Molding. International Journal of Applied Ceramic Technology, 2011, 8, 865-872.	1.1	28
93	Fatty Acid Surfactant Structure-Feedstock Flow Properties: Correlation for High-Pressure Ceramic Injection Molding. International Journal of Applied Ceramic Technology, 2011, 8, 1296-1304.	1.1	5
94	Simulation of micro powder injection moulding: Powder segregation and yield stress effects during form filling. Journal of the European Ceramic Society, 2011, 31, 2525-2534.	2.8	26
95	Nanoparticles in polymer-matrix composites. Microsystem Technologies, 2011, 17, 183-193.	1.2	9
96	Development of new polymer/BaTiO ₃ -composites with improved permittivity for embedded capacitors. Microsystem Technologies, 2011, 17, 195-201.	1.2	20
97	New methacrylate-based feedstock systems for micro powder injection moulding. Microsystem Technologies, 2011, 17, 451-457.	1.2	5
98	Dielectric property improvement of polymer-nanosized strontium titanate-composites for applications in microelectronics. Microsystem Technologies, 2011, 17, 1529-1535.	1.2	10
99	Tailoring the optical and thermomechanical properties of polymer host/guest systems. Journal of Applied Polymer Science, 2011, 122, 3514-3519.	1.3	9
100	Polymerization conditions influence on the thermomechanical and dielectric properties of unsaturated polyester/styrene-copolymers. Microelectronic Engineering, 2010, 87, 15-19.	1.1	18
101	Tuning the dielectric constant of polymers using organic dopants. Microelectronic Engineering, 2010, 87, 533-536.	1.1	9
102	Temperature treatment of nano-scaled barium titanate filler to improve the dielectric properties of high-k polymer based composites. Microelectronic Engineering, 2010, 87, 1978-1983.	1.1	33
103	Polymer-Dopant-Systems: Tailoring of Optical and Thermomechanical Properties. , 2010, , .		1
104	Polymer-Nanoparticle Composites: From Synthesis to Modern Applications. Materials, 2010, 3, 3468-3517.	1.3	669
105	Compounding, micro injection moulding and characterisation of polycarbonate-nanosized alumina-composites for application in microoptics. Microsystem Technologies, 2009, 15, 421-427.	1.2	23
106	Rheological investigations on the flow behavior of polymer/microsized iron powder composites. Polymer Composites, 2009, 30, 1114-1118.	2.3	4
107	Flow behavior of unsaturated polyester resin/Microsized 17%PH stainless steel powder/Feedstocks. Polymer Composites, 2009, 30, 1873-1878.	2.3	2
108	Process chain development for the realization of zirconia microparts using composite reaction molding. Ceramics International, 2009, 35, 269-275.	2.3	13

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109	Replication technologies for HARM devices: status and perspectives. <i>Microsystem Technologies</i> , 2008, 14, 1599-1605.	1.2	29
110	Influence of particle properties on the viscosity of polymer-alumina composites. <i>Ceramics International</i> , 2008, 34, 2099-2105.	2.3	46
111	Refractive index modification of polymers using nanosized dopants. <i>Proceedings of SPIE</i> , 2008, , .	0.8	7
112	Polymer/Phenanthrene-Derivative Host-Guest Systems: Rheological, Optical and Thermal Properties. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 285-294.	1.7	30
113	Process chain development for the rapid prototyping of microstructured polymer, ceramic and metal parts: composite flow behaviour optimisation, replication via reaction moulding and thermal postprocessing. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 33, 167-175.	1.5	17
114	Influence of dispersants on the flow behaviour of unsaturated polyester-alumina composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006, 37, 735-741.	3.8	24
115	Viscosity change of unsaturated polyester-alumina-composites using polyethylene glycol alkyl ether based dispersants. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006, 37, 2155-2163.	3.8	15
116	Thermoplastic polymer nanocomposites for applications in optical devices. <i>Materials Science and Engineering C</i> , 2006, 26, 1067-1071.	3.8	42
117	Process Chain for Tailoring the Refractive Index of Thermoplastic Optical Materials using Ceramic Nanoparticles. <i>Advanced Engineering Materials</i> , 2005, 7, 540-545.	1.6	13
118	Fabrication of ceramic microcomponents using deep X-ray lithography. <i>Microsystem Technologies</i> , 2005, 11, 271-277.	1.2	12
119	Tuning the Refractive Index of Polymers for Polymer Waveguides Using Nanoscaled Ceramics or Organic Dyes. <i>Advanced Engineering Materials</i> , 2004, 6, 52-57.	1.6	48
120	Cross Linking Behavior of Preceramic Polymers Effected by UV- and Synchrotron Radiation. <i>Advanced Engineering Materials</i> , 2004, 6, 676-680.	1.6	43
121	From micro to nano: properties and potential applications of micro- and nano-filled polymer ceramic composites in microsystem technology. <i>IET Nanobiotechnology</i> , 2004, 151, 167.	2.1	22
122	Rapid fabrication and replication of metal, ceramic and plastic mould inserts for application in microsystem technologies. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2003, 217, 53-63.	1.1	28
123	Direct laser-assisted processing of polymers for microfluidic and micro-optical applications. , 2003, , .		7
124	Microstructuring of Preceramic Polymers. <i>Advanced Engineering Materials</i> , 2002, 4, 869-873.	1.6	23
125	Micromolded easy-assembly multi fiber connector: RibCon Â®. <i>Microsystem Technologies</i> , 2002, 8, 83-87.	1.2	198
126	Rapid fabrication of microcomponents - UV-laser assisted prototyping, laser micro-machining of mold inserts and replication via photomolding. <i>Microsystem Technologies</i> , 2002, 9, 67-74.	1.2	33

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127	Laser micromaching and light induced reaction injection molding as suitable process sequence for the rapid fabrication of microcomponents. <i>Microsystem Technologies</i> , 2002, 7, 209-214.	1.2	23
128	Laser micromachining of polymeric mold inserts for rapid prototyping of PMMA devices via photomolding. , 2002, 4637, 318.		7
129	<title>RibCon: micromolded easy-assembly multifiber connector for single- and multimode applications</title>. , 2001, 4408, 478.		7
130	<title>Rapid fabrication of microcomponents</title>. , 2000, , .		4
131	Laser Micromachining of Metallic Mold Inserts for Replication Techniques. <i>Materials Research Society Symposia Proceedings</i> , 2000, 617, 551.	0.1	3
132	<title>Innovations in molding technologies for microfabrication</title>. , 1999, 3874, 53.		11
133	Innovative molding technologies for the fabrication of components for microsystems. , 1999, , .		9
134	<title>Micromolding of polymer waveguides</title>. , 1999, , .		11
135	Polymer materials for microsystem technologies. <i>Microsystem Technologies</i> , 1998, 5, 44-48.	1.2	33
136	<title>New developments of process technologies for microfabrication</title>. , 1997, , .		5
137	<title>Hot embossing and injection molding for micro-optical components</title>. , 1997, , .		13
138	Some novel disaccharide-derived liquid crystals. <i>Liquid Crystals</i> , 1997, 22, 47-50.	0.9	16
139	Injection molding and related techniques for fabrication of microstructures. <i>Microsystem Technologies</i> , 1997, 3, 129-133.	1.2	101
140	Various replication techniques for manufacturing three-dimensional metal microstructures. <i>Microsystem Technologies</i> , 1997, 4, 28-31.	1.2	59
141	Micromolding and photopolymerization. <i>Advanced Materials</i> , 1997, 9, 927-929.	11.1	15
142	<title>Photorefractivity in new organic polymeric materials</title>. , 1995, 2526, 82.		12
143	Novel photocrosslinkable systems for nonlinear optics. <i>Advanced Materials</i> , 1995, 7, 465-468.	11.1	26
144	Crystal structure of 4- ϵ -pentyl-4-cyanobiphenyl (5CB). <i>Liquid Crystals</i> , 1995, 19, 699-702.	0.9	59

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145	Guest-host mixtures: A correlation between the dye's order parameter with thermodynamic and structural quantities. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1994, 98, 596-602.	0.9	4
146	Orientalional Behavior of Stilbene Dyes in Nematic Liquid Crystals. Molecular Crystals and Liquid Crystals, 1993, 231, 119-127.	0.3	4
147	Synthesis and characterization of new liquid-crystalline dyes for non-linear optics. Liquid Crystals, 1993, 14, 635-643.	0.9	5
148	Calculation of UV/VIS absorption spectra of liquid crystals and dye molecules An INDO MO approach. Liquid Crystals, 1992, 11, 917-927.	0.9	43
149	Conformation Analysis and Absorption Properties of Anthraquinone Dyes – A Quantum-chemical Approach. Molecular Crystals and Liquid Crystals, 1991, 207, 103-116.	0.7	15
150	Fabrication of functional polymeric prototypes for micro-fluidical and micro-optical applications. , 0, , .		0
151	Überwachung der kontinuierlichen hydrothermalen Synthese mittels Impedanzspektroskopie. Chemie-Ingenieur-Technik, 0, , .	0.4	1