

Nadeschda Schmidt

List of Publications by Year in descending order

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148
papers

6,487
citations

93792

39
h-index

84171

75
g-index

163
all docs

163
docs citations

163
times ranked

9116
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Neuronal Guidance Fibers for Stimulating Electrodes: Basic Construction and Delivery of a Growth Factor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 776890.	2.0	2
2	Large refractive index changes in ZIF-8 thin films of optical quality. <i>RSC Advances</i> , 2022, 12, 5807-5815.	1.7	24
3	Boosting Dimethylamine Formation Selectivity in a Membrane Reactor by In Situ Water Removal. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 307-316.	1.8	3
4	Mindfulness-Based Cognitive Therapy as Migraine Intervention: a Randomized Waitlist Controlled Trial. <i>International Journal of Behavioral Medicine</i> , 2022, 29, 597-609.	0.8	3
5	Planar Polymer Optical Waveguide with Metal-Organic Framework Coating for Carbon Dioxide Sensing. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	10
6	Thickness-dependent gap energies in thin layers of HfTe ₅ . <i>2D Materials</i> , 2021, 8, 035029.	2.0	0
7	Spatial Extent of Fluorescence Quenching in Mixed Semiconductor-Metal Nanoparticle Gel Networks. <i>Advanced Functional Materials</i> , 2021, 31, 2101628.	7.8	14
8	Aerogelation of Polymer-Coated Photoluminescent, Plasmonic, and Magnetic Nanoparticles for Biosensing Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 6678-6688.	2.4	13
9	Chemically induced hypoxia by dimethyloxallylglycine (DMOG)-loaded nanoporous silica nanoparticles supports endothelial tube formation by sustained VEGF release from adipose tissue-derived stem cells. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab039.	1.9	13
10	Electrical and optical properties linked to laser damage behavior in conductive thin film materials. <i>Optical Materials Express</i> , 2021, 11, 35.	1.6	8
11	Nanoporous hybrid core-shell nanoparticles for sequential release. <i>Journal of Materials Chemistry B</i> , 2020, 8, 776-786.	2.9	13
12	Implant-based direction of magnetic nanoporous silica nanoparticles - influence of macrophage depletion and infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102289.	1.7	2
13	Synthetic anti-endotoxin peptides interfere with Gram-positive and Gram-negative bacteria, their adhesion and biofilm formation on titanium. <i>Journal of Applied Microbiology</i> , 2020, 129, 1272-1286.	1.4	8
14	Reversible cation exchange on macroscopic CdSe/CdS and CdS nanorod based gel networks. <i>Nanoscale</i> , 2020, 12, 5038-5047.	2.8	13
15	Biodistribution, biocompatibility and targeted accumulation of magnetic nanoporous silica nanoparticles as drug carrier in orthopedics. <i>Journal of Nanobiotechnology</i> , 2020, 18, 14.	4.2	28
16	Inside/Outside: Post-Synthetic Modification of the Zr-Benzophenonedicarboxylate Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2020, 26, 2222-2232.	1.7	10
17	Versatile route to core-shell reinforced network nanostructures. <i>Nanoscale</i> , 2019, 11, 15270-15278.	2.8	8
18	Role of Structural Defects in the Adsorption and Separation of C3 Hydrocarbons in Zr-Fumarate-MOF (MOF-801). <i>Chemistry of Materials</i> , 2019, 31, 8413-8423.	3.2	87

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19	Electrically Conducting Nanocomposites of Carbon Nanotubes and Metal-Organic Frameworks with Strong Interactions between the two Components. <i>ChemNanoMat</i> , 2019, 5, 1159-1169.	1.5	21
20	Direct grafting-from of PEDOT from a photoreactive Zr-based MOF – a novel route to electrically conductive composite materials. <i>Chemical Communications</i> , 2019, 55, 3367-3370.	2.2	29
21	Macrophage entrapped silica coated superparamagnetic iron oxide particles for controlled drug release in a 3D cancer model. <i>Journal of Controlled Release</i> , 2019, 294, 327-336.	4.8	40
22	Postsynthetic Modification of Metal-Organic Frameworks through Nitrile Oxide-Alkyne Cycloaddition. <i>Inorganic Chemistry</i> , 2018, 57, 3348-3359.	1.9	23
23	Attachment of nanoparticulate drug-release systems on poly(μ -caprolactone) nanofibers via a graftpolymer as interlayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 309-320.	2.5	29
24	In vitro and in vivo accumulation of magnetic nanoporous silica nanoparticles on implant materials with different magnetic properties. <i>Journal of Nanobiotechnology</i> , 2018, 16, 96.	4.2	14
25	Graphene-like metal-organic frameworks: morphology control, optimization of thin film electrical conductivity and fast sensing applications. <i>CrystEngComm</i> , 2018, 20, 6458-6471.	1.3	70
26	Delamination and Photochemical Modification of a Novel Two-Dimensional Zr-Based Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2018, 24, 12848-12855.	1.7	12
27	Long-term delivery of brain-derived neurotrophic factor (BDNF) from nanoporous silica nanoparticles improves the survival of spiral ganglion neurons in vitro. <i>PLoS ONE</i> , 2018, 13, e0194778.	1.1	58
28	Phosphate conversion coating reduces the degradation rate and suppresses side effects of metallic magnesium implants in an animal model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 1622-1635.	1.6	14
29	Improved surgical procedure using intraoperative navigation for the implantation of the SPG microstimulator in patients with chronic cluster headache. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 2119-2128.	1.7	11
30	Azobenzene Guest Molecules as Light-Switchable CO ₂ Valves in an Ultrathin UiO-67 Membrane. <i>Chemistry of Materials</i> , 2017, 29, 3111-3117.	3.2	103
31	Expanding the Group of Porous Interpenetrated Zr-Organic Frameworks (PIZOFs) with Linkers of Different Lengths. <i>Inorganic Chemistry</i> , 2017, 56, 748-761.	1.9	53
32	Porous Aerogels from Shape-Controlled Metal Nanoparticles Directly from Nonpolar Colloidal Solution. <i>Chemistry of Materials</i> , 2017, 29, 9208-9217.	3.2	62
33	Validating Metal-Organic Framework Nanoparticles for Their Nanosafety in Diverse Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600818.	3.9	137
34	Validation of the COMPASS force field for complex inorganic-organic hybrid polymers. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 195-204.	1.1	31
35	An oral multispecies biofilm model for high content screening applications. <i>PLoS ONE</i> , 2017, 12, e0173973.	1.1	42
36	Coatings of Different Carbon Nanotubes on Platinum Electrodes for Neuronal Devices: Preparation, Cytocompatibility and Interaction with Spiral Ganglion Cells. <i>PLoS ONE</i> , 2016, 11, e0158571.	1.1	14

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37	Catalytic graphitization of ordered mesoporous carbon CMK-3 with iron oxide catalysts: Evaluation of different synthesis pathways. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 1395-1402.	0.8	17
38	Versatile Aerogel Fabrication by Freezing and Subsequent Freeze-Drying of Colloidal Nanoparticle Solutions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1200-1203.	7.2	103
39	Controlled transformations in transparent conducting films fabricated from highly stable hydrophilic dispersions of SWNTs through surface charge manipulation and acid treatment conditions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 1447-1455.	0.8	2
40	pH-responsive release of chlorhexidine from modified nanoporous silica nanoparticles for dental applications. <i>BioNanoMaterials</i> , 2016, 17, 59-72.	1.4	34
41	Degradation rates and products of pure magnesium exposed to different aqueous media under physiological conditions. <i>BioNanoMaterials</i> , 2016, 17, .	1.4	26
42	Photoluminescent Aerogels from Quantum Wells. <i>Chemistry of Materials</i> , 2016, 28, 2089-2099.	3.2	46
43	Magnesium-containing layered double hydroxides as orthopaedic implant coating materials: An <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 525-531.	1.6	27
44	Morphology control of zinc oxide films via polysaccharide-mediated, low temperature, chemical bath deposition. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 799-808.	1.5	2
45	Nanoporous silica nanoparticles as biomaterials: evaluation of different strategies for the functionalization with polysialic acid by step-by-step cytocompatibility testing. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 125.	1.7	29
46	Controlled drug release from antibiotic-loaded layered double hydroxide coatings on porous titanium implants in a mouse model. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2141-2149.	2.1	43
47	Biocompatibility of silver containing silica films on Bioverit® II middle ear prostheses in rabbits. <i>Journal of Biomaterials Applications</i> , 2015, 30, 17-29.	1.2	9
48	A water-born Zr-based porous coordination polymer: Modulated synthesis of Zr-fumarate MOF. <i>Microporous and Mesoporous Materials</i> , 2015, 203, 186-194.	2.2	95
49	Nanoporous silica nanoparticles with spherical and anisotropic shape as fillers in dental composite materials. <i>BioNanoMaterials</i> , 2014, 15, .	1.4	13
50	Insight into the mechanism of modulated syntheses: <i>in situ</i> synchrotron diffraction studies on the formation of Zr-fumarate MOF. <i>CrystEngComm</i> , 2014, 16, 9198-9207.	1.3	118
51	<i>In vivo</i> testing of a bioabsorbable magnesium alloy serving as total ossicular replacement prostheses. <i>Journal of Biomaterials Applications</i> , 2014, 28, 688-696.	1.2	10
52	Layered double hydroxides as efficient drug delivery system of ciprofloxacin in the middle ear: an animal study in rabbits. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 129-136.	1.7	43
53	Efficacy of nanoporous silica coatings on middle ear prostheses as a delivery system for antibiotics: An animal study in rabbits. <i>Acta Biomaterialia</i> , 2013, 9, 4815-4825.	4.1	34
54	Mesoporous silica films as a novel biomaterial: applications in the middle ear. <i>Chemical Society Reviews</i> , 2013, 42, 3847.	18.7	70

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55	BMP2-loaded nanoporous silica nanoparticles promote osteogenic differentiation of human mesenchymal stem cells. <i>RSC Advances</i> , 2013, 3, 24222.	1.7	50
56	Nanoporous Silica Coatings as a Drug Delivery System for Ciprofloxacin. <i>Otology and Neurotology</i> , 2013, 34, 1138-1145.	0.7	10
57	The Phosphate Source Influences Gene Expression and Quality of Mineralization during In Vitro Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2013, 8, e65943.	1.1	51
58	Towards an atomistic model for ORMOCERÂ®-I: application of forcefield methods. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 356-365.	1.1	12
59	Evolution of the Morphologies of Zinc Oxide Mesocrystals Under the Influence of Natural Polysaccharides. <i>Crystal Growth and Design</i> , 2012, 12, 3066-3075.	1.4	41
60	Postâ€Synthetic Modification of Zrâ€Metalâ€Organic Frameworks through Cycloaddition Reactions. <i>Chemistry - A European Journal</i> , 2012, 18, 6979-6985.	1.7	53
61	Fabrication and characterization of biocompatible nacre-like structures from Î±-zirconium hydrogen phosphate hydrate and chitosan. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 74-82.	5.0	13
62	Modulated synthesis of Zr-fumarate MOF. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 64-70.	2.2	334
63	A Novel Zrâ€Based Porous Coordination Polymer Containing Azobenzenedicarboxylate as a Linker. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 790-796.	1.0	84
64	Beyond the Limits of X-ray Powder Diffraction: Description of the Nonperiodic Subnetworks in Aluminophosphate-Cloverite by NMR Crystallography. <i>Chemistry of Materials</i> , 2011, 23, 4799-4809.	3.2	53
65	Mesoporous silica coatings for controlled release of the antibiotic ciprofloxacin from implants. <i>Journal of Materials Chemistry</i> , 2011, 21, 752-760.	6.7	62
66	Mechanical characterization of nacre as an ideal-model for innovative new endoprosthesis materials. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 191-196.	1.3	15
67	Modulated Synthesis of Zrâ€Based Metalâ€Organic Frameworks: From Nano to Single Crystals. <i>Chemistry - A European Journal</i> , 2011, 17, 6643-6651.	1.7	1,320
68	Porous Interpenetrated Zirconiumâ€Organic Frameworks (PIZOFs): A Chemically Versatile Family of Metalâ€Organic Frameworks. <i>Chemistry - A European Journal</i> , 2011, 17, 9320-9325.	1.7	170
69	Amino-modified silica surfaces efficiently immobilize bone morphogenetic protein 2 (BMP2) for medical purposes. <i>Acta Biomaterialia</i> , 2011, 7, 1772-1779.	4.1	42
70	Polysialic acid immobilized on silanized glass surfaces: a test case for its use as a biomaterial for nerve regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1371-1378.	1.7	15
71	Immobilization of alkaline phosphatase on modified silica coatings. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 51-57.	2.2	27
72	Experimental middle ear surgery in rabbits: a new approach for reconstructing the ossicular chain. <i>Laboratory Animals</i> , 2009, 43, 198-204.	0.5	14

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73	Free Bioverit [®] II Implants Coated with a Nanoporous Silica Layer in a Mouse Ear Model – A Histological Study. <i>Journal of Biomaterials Applications</i> , 2009, 24, 175-191.	1.2	24
74	One-dimensional Zn(II) oligo(phenyleneethynylene)dicarboxylate coordination polymers: Synthesis, crystal structures, thermal and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 3600-3606.	1.2	15
75	Microstructured templates produced using femtosecond laser pulses as templates for the deposition of mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 104-108.	2.2	7
76	A comparison of different nanostructured biomaterials in subcutaneous tissue. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 2629-2636.	1.7	21
77	Influence of shape and surface properties of microstructured reaction areas on the deposition of silica. <i>Colloid and Polymer Science</i> , 2008, 286, 305-311.	1.0	4
78	Microstructured reaction areas for the deposition of silica. <i>Colloid and Polymer Science</i> , 2008, 286, 225-231.	1.0	5
79	Influence of polymeric additives on biomimetic silica deposition on patterned microstructures. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 44-51.	5.0	23
80	Preparation and characterization of sodium-free nanocrystalline sodalite. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 3-10.	2.2	22
81	The Sears number as a probe for the surface chemistry of porous silicas: Precipitated, pyrogenic and ordered mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 95-100.	2.2	14
82	Two Zinc(II) Coordination Polymers Constructed with Rigid 1,4-Benzenedicarboxylate and Flexible 1,4-Bis(imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene Linkers: From Interpenetrating Layers to Templated 3D Frameworks. <i>Crystal Growth and Design</i> , 2008, 8, 3200-3205.	1.4	67
83	Systematic extension of the length of the organic conjugated π -system of mesoporous silica-based organic-inorganic hybrid materials. <i>Journal of Materials Chemistry</i> , 2008, 18, 2587.	6.7	37
84	Normative data of multifrequency tympanometry in rabbits. <i>Laboratory Animals</i> , 2008, 42, 320-325.	0.5	4
85	Histological evaluation of novel ossicular chain replacement prostheses: an animal study in rabbits. <i>Acta Oto-Laryngologica</i> , 2007, 127, 801-808.	0.3	31
86	The structural change of intercalated iodine determined by the inner surface properties of ion-exchanged zeolite A. <i>Microporous and Mesoporous Materials</i> , 2007, 99, 244-250.	2.2	6
87	Selective Adsorption of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans by the Zeosils UTD-1, SSZ-24, and ITQ-4. <i>Chemistry - A European Journal</i> , 2004, 10, 247-256.	1.7	28
88	Composites of Perylene Chromophores and Layered Double Hydroxides: Direct Synthesis, Characterization, and Photo- and Chemical Stability. <i>Advanced Functional Materials</i> , 2003, 13, 241-248.	7.8	139
89	Organic/inorganic hybrids by “living”/controlled ATRP grafting from layered silicates. <i>Journal of Materials Chemistry</i> , 2002, 12, 1351-1354.	6.7	101
90	Observation of Translational Diffusion of Single Terrylenediimide Molecules in a Mesostructured Molecular Sieve. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5591-5595.	1.2	41

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91	Probing the Limit of Weak Host-Guest Interactions: Insertion Compounds of Mercury(II) Halides with Microporous SiO ₂ Hosts. <i>Chemistry - A European Journal</i> , 2002, 8, 3927-3937.	1.7	4
92	Neutron diffraction studies of structural phase transformations for water-ice in confined geometry. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 314, 501-507.	1.2	23
93	Mesostructured Iron Oxyhydroxides. 2. Soft Hydrothermal Restructuring Processes. <i>Chemistry of Materials</i> , 2001, 13, 1467-1472.	3.2	8
94	Mesostructured Iron Oxyhydroxides. 1. Synthesis, Local Structure, and Magnetism. <i>Chemistry of Materials</i> , 2001, 13, 1453-1466.	3.2	33
95	Antimony Oxide-Modified Vanadia-Based Catalysts Physical Characterization and Catalytic Properties. <i>Journal of Physical Chemistry B</i> , 2001, 105, 10772-10783.	1.2	49
96	Silver Hydro Sodalite [Ag ₃ (H ₂ O) ₄] ₂ [Al ₃ Si ₃ O ₁₂] ₂ : Synthesis and Structure Determination by Combination of X-ray Rietveld Refinement, Thermogravimetry, FT-IR, and ¹ H-MAS NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1527-1534.	1.0	9
97	Cationic Host-Guest Polymerization of N-Vinylcarbazole and Vinyl Ethers in MCM-41, MCM-48, and Nanoporous Glasses. <i>Chemistry - A European Journal</i> , 2001, 7, 3722-3728.	1.7	32
98	Visualization of Mesostructures and Organic Guest Inclusion in Molecular Sieves with Confocal Microscopy. <i>Advanced Materials</i> , 2001, 13, 1374-1377.	11.1	39
99	Lead Hydro Sodalite [Pb ₂ (OH)(H ₂ O) ₃] ₂ [Al ₃ Si ₃ O ₁₂] ₂ : Synthesis and Structure Determination by Combining X-ray Rietveld Refinement, ¹ H MAS NMR FTIR and XANES Spectroscopy. <i>Chemistry - A European Journal</i> , 2000, 6, 292-297.	1.7	12
100	High-pressure study on dioxolane silica sodalite (C ₃ H ₆ O ₂) ₂ [Si ₁₂ O ₂₄]-neutron and X-ray powder diffraction experiments. <i>Solid State Communications</i> , 2000, 113, 503-507.	0.9	15
101	Molecular dynamics in zeolitic host systems. <i>Journal of Molecular Liquids</i> , 2000, 86, 173-182.	2.3	13
102	Electric Field-Induced Second Harmonic Generation on the Host-Guest Compound Cobalticinium Fluoride Nonasil. <i>Advanced Materials</i> , 1999, 11, 238-241.	11.1	9
103	Molecular Dynamics in Confining Space: From the Single Molecule to the Liquid State. <i>Physical Review Letters</i> , 1999, 82, 2338-2341.	2.9	167
104	How many molecules form a liquid?. <i>Journal of Physics Condensed Matter</i> , 1999, 11, A175-A188.	0.7	102
105	Mechanical and Thermal Spreading of Antimony Oxides on the TiO ₂ Surface: Dispersion and Properties of Surface Antimony Oxide Species. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9595-9603.	1.2	53
106	Isolated Se ₆ Rings in the Voids of a Weakly Interacting, Electroneutral, and Crystalline SiO ₂ Matrix: Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5797-5801.	1.2	15
107	Femtosecond Time-Resolved Dynamics of Geminate and Nongeminate Recombination: Iodine Enclosed in the Nanocavities of a Microporous SiO ₂ Modification. <i>Journal of Physical Chemistry A</i> , 1999, 103, 3854-3863.	1.1	31
108	LMU-3: a new cobalt aluminophosphate with exclusively five-coordinated aluminium and octahedrally coordinated cobalt. <i>Inorganica Chimica Acta</i> , 1998, 269, 73-82.	1.2	18

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109	Osteochondrosis dissecans. Arthroscopie, 1998, 11, 166-176.	0.5	35
110	Novel synthetic pathways to layered iron(hydro)oxyhydroxide-surfactant composites. Journal of Materials Chemistry, 1998, 8, 1509-1510.	6.7	14
111	Molecular Mechanics Study on Organometallic Complexes in Crystalline Silica Matrixes Using the ESFF (Extensible Systematic Force Field). Chemistry of Materials, 1998, 10, 679-681.	3.2	12
112	Glass Transition in Sub-nanometer Confinement. Materials Research Society Symposia Proceedings, 1998, 543, 115.	0.1	0
113	Phase Transitions of Silicasodalite under High Pressure-Single Crystal Studies with Synchrotron Radiation.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 139-141.	0.1	1
114	Dielectric investigations of the molecular dynamics of propanediol in mesoporous silica materials. Journal of Chemical Physics, 1997, 107, 9699-9701.	1.2	43
115	Oxidation catalysts prepared by mechanically and thermally induced spreading of Sb ₂ O ₃ and V ₂ O ₅ on TiO ₂ . Studies in Surface Science and Catalysis, 1997, 110, 817-827.	1.5	3
116	Festkörpurchemie 1996. Nachrichten Aus Der Chemie, 1997, 45, 138-146.	0.0	0
117	Nucleation of Ice in Confined Geometry. Journal of Physical Chemistry B, 1997, 101, 6226-6229.	1.2	74
118	XANES spectroscopic study of the electronic structure of Ti in KTiOPO ₄ and some of its isomorphous compounds. Solid State Communications, 1997, 103, 203-207.	0.9	8
119	Five-Coordinate Silicon in Zeolites: Probing SiO ₄ /2F ⁻ Sites in Nonasil and ZSM-5 with ²⁹ Si Solid-State NMR Spectroscopy. Angewandte Chemie International Edition in English, 1997, 36, 2823-2825.	4.4	92
120	Synthesis, Characterization and Tunable Electronic/Optical Properties of II ^{VI} Semiconductor Species Included in the Sodalite Structure. Chemistry of Materials, 1996, 8, 1930-1943.	3.2	27
121	Synthesis and characterization of two new silica sodalites containing ethanolamine or ethylenediamine as guest species: [C ₂ H ₇ NO] ₂ [Si ₆ O ₁₂] ₂ and [C ₂ H ₈ N ₂] ₂ [Si ₆ O ₁₂] ₂ . Zeolites, 1996, 16, 207-217.	0.9	23
122	Chromophore-zeotype composites: Direct synthesis of an array of strictly aligned metal-organic complex chromophores in a crystalline silica matrix. Advanced Materials, 1996, 8, 65-69.	11.1	13
123	Voids in Variable Chemical Surroundings: Mesoporous Metal Oxides. Angewandte Chemie International Edition in English, 1996, 35, 515-518.	4.4	160
124	New templates for the synthesis of clathrasils. Studies in Surface Science and Catalysis, 1995, 98, 40-41.	1.5	0
125	Modelling structural and dynamical properties of silica sodalites and comparison to the experiment. Studies in Surface Science and Catalysis, 1995, 98, 232-233.	1.5	1
126	The Structures of Anhydrous Silver Sodalite Ag ₃ [Al ₃ Si ₃ O ₁₂] at 298, 623, and 723 K from Rietveld Refinements of X-Ray Powder Diffraction Data: Mechanism of Thermal Expansion and of the Phase Transition at 678 K. Journal of Solid State Chemistry, 1995, 115, 55-65.	1.4	13

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127	Spectroscopic investigations on periodically arranged molecules in crystalline solid-state matrices. <i>Journal of Molecular Structure</i> , 1995, 348, 85-90.	1.8	6
128	X-ray absorption spectroscopic study on the structure and crystallization of Ga-containing MFI-type zeolites. <i>Microporous Materials</i> , 1995, 3, 433-441.	1.6	16
129	Synthesis and Structural Characterization of Sodalites with Acetate and Formate Guest Anions, $[\text{Na}_4(\text{CH}_3\text{COO})]_2[\text{Al}_3\text{Si}_3\text{O}_{12}]_2$ and $[\text{Na}_4(\text{HCOO})]_2[\text{Al}_3\text{Si}_3\text{O}_{12}]_2$, and their Intracage Oxidation Product $[\text{Na}_5(\text{CO}_3)]_2[\text{Na}_3\text{box}][\text{Al}_3\text{Si}_3\text{O}_{12}]_2$. <i>Chemistry of Materials</i> , 1995, 7, 163-170.	3.2	21
130	Tetrahedral Coordination of Mn(IV) by Oxygen in Manganese Sillenite $\text{Bi}_{12}\text{MnO}_{20}$. <i>Journal of Solid State Chemistry</i> , 1994, 110, 66-69.	1.4	32
131	$(\text{C}_3\text{H}_6\text{O}_2)_2$, $(\text{Si}_6\text{O}_{12})_2$, a new silica sodalite synthesized, using 1,3-dioxolane as template. <i>Microporous Materials</i> , 1994, 2, 493-500.	1.6	14
132	Ordered Molecular Arrays as Templates: A New Approach to the Synthesis of Mesoporous Materials. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 696-699.	4.4	106
133	Mesoporous inorganic solids. <i>Advanced Materials</i> , 1993, 5, 127-132.	11.1	135
134	Synchrotron Radiation Ti-K XANES Study of $\text{TiO}_2\text{Y}_2\text{O}_3$ -Stabilized Tetragonal Zirconia Polycrystals. <i>Journal of the American Ceramic Society</i> , 1993, 76, 197-201.	1.9	22
135	Bonding in silver-oxygen compounds from Ag L ₃ XANES spectroscopy. <i>Solid State Communications</i> , 1992, 81, 235-239.	0.9	28
136	X-ray absorption spectroscopy in chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 1992, 11, 218-222.	5.8	17
137	X-ray absorption spectroscopy in chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 1992, 11, 237-244.	5.8	38
138	The application of omega scans for the characterization of graphite intercalation compounds. <i>Carbon</i> , 1991, 29, 909-913.	5.4	2
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145	Graphite intercalation compounds of PdCl ₂ : Structural investigations. Synthetic Metals, 1989, 34, 199-204.	2.1	14
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