

Henrik Birkedal

List of Publications by Year in descending order

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139
papers

6,864
citations

101543

36
h-index

64796

79
g-index

147
all docs

147
docs citations

147
times ranked

9181
citing authors

#	ARTICLE	IF	CITATIONS
1	From bench scale to pilot plant: A 150x scaled-up configuration of a microwave-driven structured reactor for methane dehydroaromatization. <i>Catalysis Today</i> , 2022, 383, 21-30.	4.4	19
2	Opportunities for biomineralization research using multiscale computed X-ray tomography as exemplified by bone imaging. <i>Journal of Structural Biology</i> , 2022, 214, 107822.	2.8	13
3	Local Release of Strontium from Sputter-Deposited Coatings at Implants Increases the Strontium-to-Calcium Ratio in Peri-implant Bone. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 620-625.	5.2	3
4	Bone hierarchical structure: spatial variation across length scales. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022, 78, 305-311.	1.1	9
5	Self-Forming Double-Crosslinked Hydrogels by the Marriage of Catechols and Enzyme Mimetic Polymers. <i>Chemical Communications</i> , 2022, , .	4.1	1
6	Dual-Responsive Material Based on Catechol-Modified Self-Immolative Poly(Disulfide) Backbones. <i>Angewandte Chemie</i> , 2021, 133, 21713-21719.	2.0	4
7	Dual-Responsive Material Based on Catechol-Modified Self-Immolative Poly(Disulfide) Backbones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21543-21549.	13.8	27
8	In situ loading and x-ray diffraction quantification of strains in hydroxyapatite particles within a 3D printed scaffold. <i>Materialia</i> , 2021, 18, 101174.	2.7	2
9	Comment on Quantitative Evaluation of Osteocyte Morphology and Bone Anisotropic Extracellular Matrix in Rat Femur. <i>Calcified Tissue International</i> , 2021, , 1.	3.1	1
10	Nanobeam X-ray fluorescence and diffraction computed tomography on human bone with a resolution better than 120Ånm. <i>Journal of Structural Biology</i> , 2020, 212, 107631.	2.8	18
11	Stimuli-responsive degrafting of polymer brushes via addressable catechol-to-metal attachments. <i>Polymer Chemistry</i> , 2020, 11, 5572-5577.	3.9	9
12	Vase-like β -Polymorph Guanine Crystal Aggregates Formed at the Air-Water Interface. , 2020, 2, 446-452.		8
13	Genetic Ablation of Osteopontin in Osteomalacic <i>Hyp</i> Mice Partially Rescues the Deficient Mineralization Without Correcting Hypophosphatemia. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2032-2048.	2.8	23
14	Mapping the 3D orientation of nanocrystals and nanostructures in human bone: Indications of novel structural features. <i>Science Advances</i> , 2020, 6, eaba4171.	10.3	51
15	Remotely Triggered Liquefaction of Hydrogel Materials. <i>ACS Nano</i> , 2020, 14, 9145-9155.	14.6	28
16	Mussel inspired self-healing materials: Coordination chemistry of polyphenols. <i>Advances in Inorganic Chemistry</i> , 2020, 76, 229-258.	1.0	5
17	Bone Biomineral Properties Vary across Human Osteonal Bone. <i>ACS Nano</i> , 2019, 13, 12949-12956.	14.6	35
18	No Signature of Osteocytic Osteolysis in Cortical Bone from Lactating NMRI Mice. <i>Calcified Tissue International</i> , 2019, 105, 308-315.	3.1	15

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19	Co-incorporation of alkali metal ions during amorphous calcium carbonate precipitation and their stabilizing effect. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13230-13233.	2.8	2
20	Canalicular Junctions in the Osteocyte Lacuno-Canalicular Network of Cortical Bone. <i>ACS Nano</i> , 2019, 13, 6421-6430.	14.6	32
21	Oxidation controlled lift-off of 3D chiral plasmonic Au nano-hooks. <i>Nano Research</i> , 2019, 12, 1635-1642.	10.4	19
22	Bioinspired Metal-Polyphenol Materials: Self-Healing and Beyond. <i>Biomimetics</i> , 2019, 4, 30.	3.3	43
23	Editorial: Catechol and Polyphenol Chemistry for Smart Polymers. <i>Frontiers in Chemistry</i> , 2019, 7, 883.	3.6	5
24	Precision lattice parameter determination from transmission diffraction of thick specimens with irregular cross sections. <i>Journal of Applied Crystallography</i> , 2019, 52, 40-46.	4.5	7
25	The osteocyte lacuno-canalicular network in bone investigated by synchrotron radiation-based techniques. , 2019, , .		1
26	Precipitation of Inorganic Phases through a Photoinduced pH Jump: From Vaterite Spheroids and Shells to ZnO Flakes and Hexagonal Plates. <i>Crystal Growth and Design</i> , 2018, 18, 1951-1955.	3.0	7
27	The pattern of human bone dissolution—A histological study of Iron Age warriors from a Danish wetland site. <i>International Journal of Osteoarchaeology</i> , 2018, 28, 407-418.	1.2	11
28	Mussel-Inspired Self-Healing Double-Cross-Linked Hydrogels by Controlled Combination of Metal Coordination and Covalent Cross-Linking. <i>Biomacromolecules</i> , 2018, 19, 1402-1409.	5.4	95
29	Alkali Counterions Impact Crystallization Kinetics of Apatite Nanocrystals from Amorphous Calcium Phosphate in Water at High pH. <i>Crystal Growth and Design</i> , 2018, 18, 6723-6728.	3.0	13
30	Influence of Metal Ions on the Melting Temperature, Modulus, and Gelation Time of Gelatin Gels: Specific Ion Effects on Hydrogel Properties. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10062-10067.	2.6	12
31	X-ray Linear Dichroism in Apatite. <i>Journal of the American Chemical Society</i> , 2018, 140, 11698-11704.	13.7	19
32	Pyrophosphate-Inhibition of Apatite Formation Studied by In Situ X-Ray Diffraction. <i>Minerals (Basel)</i> , 2018, 8, 14.	2.0	14
33	Uncovering Nature's Design Strategies through Parametric Modeling, Multi-Material 3D Printing, and Mechanical Testing. <i>Advanced Engineering Materials</i> , 2017, 19, e201600848.	3.5	24
34	Concurrent determination of nanocrystal shape and amorphous phases in complex materials by diffraction scattering computed tomography. <i>Journal of Applied Crystallography</i> , 2017, 50, 192-197.	4.5	13
35	Mimicking mussel mechanics. <i>Nature Chemistry</i> , 2017, 9, 408-409.	13.6	14
36	Bioinspired Ultratough Hydrogel with Fast Recovery, Self-Healing, Injectability and Cytocompatibility. <i>Advanced Materials</i> , 2017, 29, 1700759.	21.0	148

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37	Calcium-Phosphate-Osteopontin Particles Reduce Biofilm Formation and pH Drops in in situ Grown Dental Biofilms. <i>Caries Research</i> , 2017, 51, 26-33.	2.0	13
38	Phase Transformations in Calcium Phosphate Crystallization. , 2017, , 199-210.		8
39	Mussel-Inspired Materials: Self-Healing through Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2016, 22, 844-857.	3.3	257
40	Internal structure of sponge glass fiber revealed by ptychographic nanotomography. <i>Journal of Structural Biology</i> , 2016, 194, 124-128.	2.8	12
41	Morphology-preserving transformation of minerals mediated by a temperature-responsive polymer membrane: calcite to hydroxyapatite. <i>CrystEngComm</i> , 2016, 18, 2289-2293.	2.6	6
42	Diffraction tomography and Rietveld refinement of a hydroxyapatite bone phantom. <i>Journal of Applied Crystallography</i> , 2016, 49, 103-109.	4.5	15
43	Immobilization and long-term recovery results in large changes in bone structure and strength but no corresponding alterations of osteocyte lacunar properties. <i>Bone</i> , 2016, 91, 139-147.	2.9	38
44	Apatite Formation from Amorphous Calcium Phosphate and Mixed Amorphous Calcium Phosphate/Amorphous Calcium Carbonate. <i>Chemistry - A European Journal</i> , 2016, 22, 12347-12357.	3.3	51
45	Osteocyte lacunar properties and cortical microstructure in human iliac crest as a function of age and sex. <i>Bone</i> , 2016, 91, 11-19.	2.9	49
46	Osteopontin Stabilizes Metastable States Prior to Nucleation during Apatite Formation. <i>Chemistry of Materials</i> , 2016, 28, 8550-8555.	6.7	35
47	Pore Structures in the Biomineralized Byssus of <i>Anomia simplex</i> . <i>Key Engineering Materials</i> , 2016, 672, 71-79.	0.4	1
48	Environmentally benign fabrication of calcium hydroxyapatite using seashells collected in Baltic Sea countries: A comparative study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 919-925.	1.6	10
49	Calcium-phosphate-osteopontin particles for caries control. <i>Biofouling</i> , 2016, 32, 349-357.	2.2	8
50	Organ and tissue level properties are more sensitive to age than osteocyte lacunar characteristics in rat cortical bone. <i>Bone Reports</i> , 2016, 4, 28-34.	0.4	10
51	<i>MultiRef</i> : software platform for Rietveld refinement of multiple powder diffractograms from <i>in situ</i> , scanning or diffraction tomography experiments. <i>Journal of Applied Crystallography</i> , 2015, 48, 2019-2025.	4.5	15
52	Osteocyte lacunar properties in rat cortical bone: Differences between lamellar and central bone. <i>Journal of Structural Biology</i> , 2015, 191, 59-67.	2.8	47
53	Structural Evolution of Aqueous Zirconium Acetate by Time-Resolved Small-Angle X-ray Scattering and Rheology. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12660-12667.	3.1	12
54	Smaller Calcite Lattice Deformation Caused by Occluded Organic Material in Coccoliths than in Mollusk Shell. <i>Crystal Growth and Design</i> , 2015, 15, 2761-2767.	3.0	21

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55	Diffraction scattering computed tomography: a window into the structures of complex nanomaterials. <i>Nanoscale</i> , 2015, 7, 18402-18410.	5.6	34
56	Nanostructure and mechanical properties of the osteocyte lacunar-canalicular network-associated bone matrix revealed by quantitative nanomechanical mapping. <i>Nano Research</i> , 2015, 8, 3250-3260.	10.4	15
57	Calcite nucleation on the surface of PNIPAM- <i>g</i> -PAAc micelles studied by time resolved in situ PXRD. <i>CrystEngComm</i> , 2015, 17, 6940-6946.	2.6	11
58	Diffraction computed tomography reveals the inner structure of complex biominerals. , 2014, , .		4
59	Transparent Aggregates of Nanocrystalline Hydroxyapatite. <i>Crystal Growth and Design</i> , 2014, 14, 6343-6349.	3.0	19
60	Metals & polymers in the mix: fine-tuning the mechanical properties & color of self-healing mussel-inspired hydrogels. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8292-8297.	5.8	102
61	Lattice macro and microstrain fluctuations in the calcified byssus of <i>Anomia simplex</i> . <i>European Journal of Mineralogy</i> , 2014, 26, 517-522.	1.3	9
62	Gels and threads: mussel-inspired one-pot route to advanced responsive materials. <i>Chemical Communications</i> , 2014, 50, 13278-13281.	4.1	113
63	Frontispiece: Hierarchical Tubular Structures Grown from the Gel/Liquid Interface. <i>Chemistry - A European Journal</i> , 2014, 20, n/a-n/a.	3.3	0
64	Hierarchical Tubular Structures Grown from the Gel/Liquid Interface. <i>Chemistry - A European Journal</i> , 2014, 20, 16112-16120.	3.3	28
65	Calcified Cartilage Islands in Rat Cortical Bone. <i>Calcified Tissue International</i> , 2013, 92, 330-338.	3.1	47
66	A comprehensive study of the crystallization mechanism involved in the nonaqueous formation of tungstite. <i>Nanoscale</i> , 2013, 5, 8517.	5.6	29
67	Cimetidine, C ₁₀ H ₁₆ N ₆ S, form C: crystal structure and modelling of polytypes using the superspace approach. <i>Journal of Applied Crystallography</i> , 2013, 46, 99-107.	4.5	14
68	Self-Healing Mussel-Inspired Multi-pH-Responsive Hydrogels. <i>Biomacromolecules</i> , 2013, 14, 297-301.	5.4	399
69	Spatial Organization of Hydroxyapatite Nanorods on a Substrate via a Biomimetic Approach. <i>Crystal Growth and Design</i> , 2013, 13, 4213-4219.	3.0	18
70	Three-dimensional distribution of polymorphs and magnesium in a calcified underwater attachment system by diffraction tomography. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130319.	3.4	25
71	Influence of poly(acrylic acid) on apatite formation studied by <i>in situ</i> X-ray diffraction using an X-ray scattering reaction cell with high-precision temperature control. <i>Journal of Applied Crystallography</i> , 2012, 45, 976-981.	4.5	14
72	Osteopontin Reduces Biofilm Formation in a Multi-Species Model of Dental Biofilm. <i>PLoS ONE</i> , 2012, 7, e41534.	2.5	23

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73	pH-induced metal-ligand cross-links inspired by mussel yield self-healing polymer networks with near-covalent elastic moduli. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2651-2655.	7.1	1,314
74	Singlet Oxygen's Response to Protein Dynamics. Journal of the American Chemical Society, 2011, 133, 7166-7173.	13.7	35
75	Strontium Is Incorporated into the Fracture Callus but Does Not Influence the Mechanical Strength of Healing Rat Fractures. Calcified Tissue International, 2011, 88, 142-152.	3.1	33
76	Protein cage nanoparticles as secondary building units for the synthesis of 3-dimensional coordination polymers. Soft Matter, 2010, 6, 3167.	2.7	27
77	Strontium and Bone Nanostructure in Normal and Ovariectomized Rats Investigated by Scanning Small-Angle X-Ray Scattering. Calcified Tissue International, 2010, 86, 294-306.	3.1	43
78	Continuous flow supercritical water synthesis and crystallographic characterization of anisotropic boehmite nanoparticles. Journal of Applied Crystallography, 2010, 43, 858-866.	4.5	20
79	Anisotropic Crystal Growth Kinetics of Anatase TiO ₂ Nanoparticles Synthesized in a Nonaqueous Medium. Chemistry of Materials, 2010, 22, 6044-6055.	6.7	77
80	Cd Substitution in M _x Zn _{4-x} Sb ₃ : Effect on Thermal Stability, Crystal Structure, Phase Transitions, and Thermoelectric Performance. Chemistry of Materials, 2010, 22, 2375-2383.	6.7	54
81	Modification of bone-like apatite nanoparticle size and growth kinetics by alizarin red S. Nanoscale, 2010, 2, 2478.	5.6	26
82	Architecture of the Biomineralized Byssus of the Saddle Oyster (<i>Anomia</i> sp.). Journal of Adhesion, 2009, 85, 590-600.	3.0	13
83	Sucker Rings from the Humboldt Squid <i>Dosidicus gigas</i> : The Role of Nanotubule Architecture on the Mechanical Properties. Materials Research Society Symposia Proceedings, 2009, 1187, 1.	0.1	0
84	Hierarchical Design and Nanomechanics of the Calcified Byssus of <i>Anomia simplex</i> . Materials Research Society Symposia Proceedings, 2009, 1187, 74.	0.1	2
85	Microstructural and Biochemical Characterization of the Nanoporous Sucker Rings from <i>Dosidicus gigas</i> . Advanced Materials, 2009, 21, 401-406.	21.0	91
86	Fast Preparation and Characterization of Quarternary Thermoelectric Clathrates. Chemistry of Materials, 2009, 21, 122-127.	6.7	27
87	The effect of Mg doping on the thermoelectric performance of Zn ₄ Sb ₃ . Journal of Applied Physics, 2009, 105, .	2.5	37
88	Size-Dependent Accumulation of PEGylated Silane-Coated Magnetic Iron Oxide Nanoparticles in Murine Tumors. ACS Nano, 2009, 3, 1947-1951.	14.6	242
89	Irregularities in the Effect of Potassium Phosphate in Ynamide Synthesis. Journal of Organic Chemistry, 2008, 73, 9447-9450.	3.2	73
90	The effect of Mg doping on the thermoelectric performance of Zn ₄ Sb ₃ . , 2007, , .		0

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91	In Situ High-Energy Synchrotron Radiation Study of Sol-Gel Nanoparticle Formation in Supercritical Fluids. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1113-1116.	13.8	69
92	Temporal Assembly of Collagen Type II Studied by Atomic Force Microscopy. <i>Advanced Engineering Materials</i> , 2007, 9, 1129-1133.	3.5	16
93	Pulsed DC magnetron sputtered Al ₂ O ₃ films and their hardness. <i>Surface and Coatings Technology</i> , 2007, 202, 920-924.	4.8	57
94	Neutron diffraction investigation of the temperature dependence of crystal structure and thermal motions of red HgI ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 828-835.	1.8	7
95	Hg _{0.04} Zn _{3.96} Sb ₃ : Synthesis, Crystal Structure, Phase Transition, and Thermoelectric Properties. <i>Chemistry of Materials</i> , 2007, 19, 6304-6311.	6.7	73
96	The Room-Temperature Superstructure of ZrP ₂ O ₇ Is Orthorhombic: There Are No Unusual 180° P-O-P Bond Angles. <i>Inorganic Chemistry</i> , 2006, 45, 4346-4351.	4.0	41
97	Influence of sample compaction on the thermoelectric performance of Zn ₄ Sb ₃ . <i>Applied Physics Letters</i> , 2006, 89, 242108.	3.3	40
98	High Temperature stability of thermoelectric Zn ₄ Sb ₃ . , 2006, , .		2
99	Nanostructure of the neurocentral growth plate: Insight from scanning small angle X-ray scattering, atomic force microscopy and scanning electron microscopy. <i>Bone</i> , 2006, 39, 530-541.	2.9	19
100	Bis[4-(salicylideneamino)phenyl]methane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o139-o141.	0.4	16
101	Halogenated Veneers: Protein Cross-Linking and Halogenation in the Jaws of Nereis, a Marine Polychaete Worm. <i>ChemBioChem</i> , 2006, 7, 1392-1399.	2.6	75
102	Time Induced Changes in Phase Transition Behavior and Stability of Zn ₄ Sb ₃ . <i>Materials Research Society Symposia Proceedings</i> , 2006, 945, 1.	0.1	0
103	Sacrificial bonds and hidden length dissipate energy as mineralized fibrils separate during bone fracture. <i>Nature Materials</i> , 2005, 4, 612-616.	27.5	829
104	The Jaws of Nereis: Microstructure and Mechanical Properties. <i>Materials Research Society Symposia Proceedings</i> , 2005, 874, 1.	0.1	2
105	Stacking disorder: the hexagonal polymorph of tris(bicyclo[2.1.1]hexeno)benzene and related examples. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2005, 220, 1066-1075.	0.8	11
106	Stacking disorder: the hexagonal polymorph of tris(bicyclo[2.1.1]hexeno)benzene and related examples. <i>Zeitschrift Für Kristallographie</i> , 2005, 220, .	1.1	16
107	Ag/AgCl-Loaded Ordered Mesoporous Anatase for Photocatalysis. <i>Chemistry of Materials</i> , 2005, 17, 1409-1415.	6.7	109
108	Distribution and Role of Trace Transition Metals in Glycera Worm Jaws Studied with Synchrotron Microbeam Techniques. <i>Chemistry of Materials</i> , 2005, 17, 2927-2931.	6.7	36

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109	Self-Assembling Microspheres from Charged Functional Polyelectrolytes and Small-Molecule Counterions. <i>Materials Research Society Symposia Proceedings</i> , 2004, 823, W4.12.1.	0.1	3
110	The charge density of urea from synchrotron diffraction data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2004, 60, 371-381.	0.3	87
111	Micrometer-Sized Spherical Assemblies of Polypeptides and Small Molecules by Acid-Base Chemistry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5652-5655.	13.8	53
112	Chemical Heterogeneity of a Crystal Built of Nanoscale Coherently Twinned $\text{Yb}_2\text{x}(\text{Fe,Ga})_{17+2\text{x}}$ Polytypes. <i>Chemistry - A European Journal</i> , 2004, 10, 2972-2976.	3.3	3
113	Molecular Dynamics Study of Tryptophylglycine: A Dipeptide Nanotube with Confined Water. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6458-6466.	2.6	12
114	Scavenging and Reclaiming Phosphines Associated with Group 10 Metal-Mediated Couplings. <i>Organic Letters</i> , 2004, 6, 2305-2308.	4.6	44
115	Influence of the degradation of the organic matrix on the microscopic fracture behavior of trabecular bone. <i>Bone</i> , 2004, 35, 1013-1022.	2.9	113
116	Thermal expansion and phase purity of commercial MgB ₂ . <i>Journal of Materials Science Letters</i> , 2003, 22, 1069-1071.	0.5	7
117	The Yellow Polymorphs of Mercuric Iodide (HgI ₂). <i>Helvetica Chimica Acta</i> , 2003, 86, 1410-1422.	1.6	35
118	Structural, Photophysical and Chiro-Optical Properties of Lanthanide Complexes with a Bis(benzimidazole)pyridine-Based Chiral Ligand. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4065-4072.	2.0	29
119	The Yellow Polymorphs of Mercuric Iodide (HgI ₂).. <i>ChemInform</i> , 2003, 34, no.	0.0	0
120	Polymorphism and stacking disorder in tris(bicyclo[2.1.1]hexeno)benzene. <i>Journal of Molecular Structure</i> , 2003, 647, 233-242.	3.6	14
121	Urotropin azelate: a rather unwilling co-crystal. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 72-86.	1.8	13
122	The commensurate composite $\sqrt{3}$ -structure of $\sqrt{2}$ -tantalum. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 324-336.	1.8	19
123	Spontaneous Formation of Nanoparticle Vesicles from Homopolymer Polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2003, 125, 8285-8289.	13.7	131
124	Self-assembly of CdSe/CdS quantum dots by hydrogen bonding on Au surfaces for photoreception. <i>Chemical Communications</i> , 2003, , 2278.	4.1	27
125	Zinc and mechanical prowess in the jaws of Nereis, a marine worm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9144-9149.	7.1	166
126	Assembly of CdSe/CdS Quantum Dots on Au Surfaces for Photoreception. <i>Materials Research Society Symposia Proceedings</i> , 2003, 796, 79.	0.1	0

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127	Magnetic phase diagram of Eu ₄ Ga ₈ Ge ₁₆ by magnetic susceptibility, heat capacity, and Mössbauer measurements. <i>Physical Review B</i> , 2003, 68, .	3.2	10
128	Magnetic Structure and Thermal Expansion of Eu ₄ Ga ₈ Ge ₁₆ . <i>Materials Research Society Symposia Proceedings</i> , 2002, 755, 1.	0.1	1
129	A fully extended tetrapeptide consisting of natural amino acids Electronic supplementary information (ESI) available: details of the crystallographic work, ab initio calculations (including coordinates) and data base searches. See http://www.rsc.org/suppdata/cc/b2/b208306j/ . <i>Chemical Communications</i> , 2002, ., 2812-2813.	4.1	13
130	Observation of Uniaxial Negative Thermal Expansion in an Organic Crystal We thank the staff of the Swiss "Norwegian Beam Line for their kind assistance and the Swiss National Science Foundation for financial support. H.B. thanks the Danish Research Agency for further financial support.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 754.	13.8	79
131	The structure of orange HgI ₂ . I. Polytropic layer structure. <i>Acta Crystallographica Section B: Structural Science</i> , 2002, 58, 903-913.	1.8	28
132	N-Z-Pro "D-Leu using synchrotron radiation data from a very small crystal. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 975-977.	0.4	0
133	Reduction of Dioxygen by a Dimanganese Unit Bonded Inside a Cavity Provided by a Pyrrole-Based Dinucleating Ligand. <i>Chemistry - A European Journal</i> , 2001, 7, 1468-1478.	3.3	46
134	Polymeric aqua(glutarato)(hydrogen glutarato)lanthanum(III) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 789-792.	0.4	18
135	Anharmonicity in anisotropic displacement parameters. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2000, 56, 425-435.	0.3	47
136	Phase-transition-induced twinning in the 1:1 adduct of hexamethylenetetramine and azelaic acid. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 448-458.	1.8	19
137	Neutron and X-ray Diffraction Study of the Thermal Motion in K ₂ PtCl ₆ as a Function of Temperature. <i>Acta Crystallographica Section B: Structural Science</i> , 1998, 54, 121-128.	1.8	17
138	Synthesis of trans-[Mo(O)(F)(dppe) ₂](BF ₄), trans-[Mo(O)(OH)(dppe) ₂](ClO ₄), and trans-[Mo(O) ₂ (dppe) ₂]-2L (L = H ₂ O, CH ₃ OH, CH ₃ CH ₂ OH, CH ₃ CHOHCH ₃). <i>Crystal Structure of trans-[Mo(O)₂(dppe)₂]-2CH₃OH</i> . <i>Inorganic Chemistry</i> , 1997, 36, 2702-2703.	4.0	10
139	Intact archeological human bones and age at death studied with transmission x-ray diffraction and small angle x-ray scattering. <i>International Journal of Osteoarchaeology</i> , 0, , .	1.2	1