

Pavel Strunz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Neutron Diffraction Study of Residual Stresses in a W-Ni-Co Heavy Alloy Processed by Rotary Swaging at Room and High Temperatures. <i>Metals and Materials International</i> , 2022, 28, 919-930.	3.4	8
2	Properties of the dispersive double bent crystal monochromator setting with a multicrystal sandwich at the place of the second axis. <i>Journal of Neutron Research</i> , 2022, , 1-14.	1.1	0
3	Effects of Silicon, Chromium, and Copper on Kinetic Parameters of Precipitation during Tempering of Medium Carbon Steels. <i>Materials</i> , 2021, 14, 1445.	2.9	5
4	TaC Precipitation Kinetics During Cooling of Co-Re-Based Alloys. <i>Advanced Engineering Materials</i> , 2021, 23, 2100129.	3.5	4
5	Texture and Differential Stress Development in W/Ni-Co Composite after Rotary Swaging. <i>Materials</i> , 2020, 13, 2869.	2.9	12
6	Neutron Diffraction Study of Ti-Zr Alloy Microstructure Evolution during Annealing after Severe Plastic Deformation. <i>Journal of Surface Investigation</i> , 2020, 14, S225-S230.	0.5	1
7	High-Resolution Strain/Stress Measurements by Three-Axis Neutron Diffractometer. <i>Materials</i> , 2020, 13, 5449.	2.9	4
8	In Situ Neutron Diffraction Study of Ni Addition in Co-Re-Cr High-Temperature Alloys and Influence on Phase Transformations. <i>Journal of Surface Investigation</i> , 2020, 14, S179-S184.	0.5	0
9	On possible exploitation of fully asymmetric diffraction geometry of bent perfect crystals for neutron monochromators in diffraction instruments. <i>Journal of Neutron Research</i> , 2020, 22, 17-29.	1.1	1
10	Correlating Microstrain and Activated Slip Systems with Mechanical Properties within Rotary Swaged WNiCo Pseudoalloy. <i>Materials</i> , 2020, 13, 208.	2.9	14
11	Anisometric mesoscale nuclear and magnetic texture in sintered Nd-Fe-B magnets. <i>Physical Review Materials</i> , 2020, 4, .	2.4	1
12	Effect of Cr and Ni on the microstructural evolution in Co-Re-Cr-Ni alloys. <i>International Journal of Materials Research</i> , 2019, 110, 1092-1104.	0.3	3
13	Determination of Directional Residual Stresses by the Contour Method. <i>Metals</i> , 2019, 9, 1104.	2.3	9
14	Creep deformation of Co-Re-Ta-C alloys with varying C content investigated in-situ by simultaneous synchrotron radiation diffraction. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 719, 124-131.	5.6	2
15	Beyond Ni-base superalloys: Influence of Cr addition on Co-Re base alloys strengthened by nano-sized TaC precipitates. <i>Physica B: Condensed Matter</i> , 2018, 551, 1-5.	2.7	7
16	Evaluation of anisotropic small-angle neutron scattering data from metastable β -Ti alloy. <i>Philosophical Magazine</i> , 2018, 98, 3086-3108.	1.6	3
17	Rogante Engineering Office and Neutron Physics Laboratory of CANAM - 20 years of cooperation. <i>Neutron News</i> , 2018, 29, 16-17.	0.2	2
18	Characterization of innovative rotary swaged Cu-Al clad composite wire conductors. <i>Materials and Design</i> , 2018, 160, 828-835.	7.0	56

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19	Coexistence of Two Cubic-Lattice Co Matrices at High Temperatures in Co-Re-Cr-Ni Alloy Studied by Neutron Diffraction. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-6.	1.8	4
20	Structural characterization of semi-heusler/light metal composites prepared by spark plasma sintering. <i>Scientific Reports</i> , 2018, 8, 11133.	3.3	3
21	Texture and residual stress within rotary swaged Cu/Al clad composites. <i>Materials Letters</i> , 2018, 230, 88-91.	2.6	40
22	Matrix Transformation in Boron Containing High-Temperature Co-Re-Cr Alloys. <i>Metals and Materials International</i> , 2018, 24, 934-944.	3.4	7
23	Additional Phases at High Boron Content in High-Temperature Co-Re-Cr Alloys. <i>Metals</i> , 2018, 8, 621.	2.3	6
24	High-Temperature Stability of Phases in Boron Containing Co-Re Alloys for Gas Turbine Applications. <i>Acta Physica Polonica A</i> , 2018, 134, 829-837.	0.5	2
25	The influence of C/Ta ratio on TaC precipitates in Co-Re base alloys investigated by small-angle neutron scattering. <i>Acta Materialia</i> , 2017, 132, 354-366.	7.9	22
26	Upgrade of detectors of neutron instruments at Neutron Physics Laboratory in ÅeÅ¼. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 841, 5-11.	1.6	4
27	Effect of boron addition on phase transformations in Co-Re-Ta-C alloys. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1261-C1261.	0.1	0
28	Stability of TaC precipitates in a Co-Re-based alloy being developed for ultra-high-temperature applications. <i>Journal of Applied Crystallography</i> , 2016, 49, 1253-1265.	4.5	15
29	Current status of Co-Re-based alloys being developed to supplement Ni-based superalloys for ultra-high temperature applications in gas turbines. <i>Metallic Materials</i> , 2016, 53, 287-294.	0.3	2
30	Formation and Dissolution of Î³' Precipitates in IN792 Superalloy at Elevated Temperatures. <i>Metals</i> , 2016, 6, 37.	2.3	6
31	Effect of composition on the matrix transformation of the Co-Re-Cr-Ta-C alloys. <i>Metals and Materials International</i> , 2016, 22, 562-571.	3.4	10
32	BEER - The Beamline for European Materials Engineering Research at the ESS. <i>Journal of Physics: Conference Series</i> , 2016, 746, 012009.	0.4	8
33	Neutron scattering investigations of microstructure in Al-Zn-Mg-Cu alloy prepared by spark plasma sintering. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s414-s414.	0.1	0
34	Matrix transformation temperature in boron containing Co-Re alloys for high temperature gas turbine applications. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s151-s152.	0.1	0
35	In Situ Neutron Diffraction Characterization of Phases in Co-Re-Based Alloys at High Temperatures. <i>Acta Physica Polonica A</i> , 2015, 128, 684-688.	0.5	3
36	Microstructure of Zirconia-Based Sol-Gel Glasses Studied by SANS. <i>Acta Physica Polonica A</i> , 2015, 128, 582-585.	0.5	0

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37	Effects of size reduction on the structure and magnetic properties of core-shell Ni ₃ Si/silica nanoparticles prepared by electrochemical synthesis. Journal of Alloys and Compounds, 2014, 584, 119-127.	5.5	14
38	Precipitate microstructure evolution in exposed IN738LC superalloy. Journal of Alloys and Compounds, 2014, 589, 462-471.	5.5	12
39	Investigations of early stage precipitation in a tungsten-rich nickel-base superalloy using SAXS and SANS. Journal of Alloys and Compounds, 2014, 612, 90-97.	5.5	24
40	Neutron and synchrotron probes in the development of Co-Re-based alloys for next generation gas turbines with an emphasis on the influence of boron additives. Journal of Applied Crystallography, 2014, 47, 1417-1430.	4.5	13
41	Structural transition in aqueous lipid/bile salt [DPPC/NaDC] supramolecular aggregates: SANS and DLS study. Chemical Physics, 2013, 424, 93-99.	1.9	25
42	Application of In Situ Neutron and X-Ray Measurements at High Temperatures in the Development of Co-Re-Based Alloys for Gas Turbines. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 22-30.	2.2	17
43	Misfit in Inconel-Type Superalloy. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.8	9
44	Porosity determination in doped graphites using small-angle neutron scattering measurements. Journal of Physics: Conference Series, 2012, 340, 012102.	0.4	1
45	Investigation of metal-matrix composite containing liquid-phase dispersion. Journal of Physics: Conference Series, 2012, 340, 012098.	0.4	2
46	Stability of phases at high temperatures in CoRe based alloys being developed for ultra-high temperature applications. Journal of Physics: Conference Series, 2012, 340, 012052.	0.4	4
47	The Hexagonal Close-Packed (HCP) to Face-Centered Cubic (FCC) Transition in Co-Re-Based Experimental Alloys Investigated by Neutron Scattering. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 1834-1844.	2.2	20
48	In situ observation of morphological changes of γ' precipitates in a pre-deformed single-crystal Ni-base superalloy. Journal of Applied Crystallography, 2011, 44, 935-944.	4.5	5
49	Beyond Ni-based superalloys: Development of CoRe-based alloys for gas turbine applications at very high temperatures. International Journal of Materials Research, 2011, 102, 1125-1132.	0.3	21
50	Microstructure of creep-exposed single crystal nickel base superalloy CSMX4. Journal of Physics: Conference Series, 2010, 247, 012039.	0.4	2
51	High temperature stability of Cr-carbides in an experimental Co-Re-based alloy. International Journal of Materials Research, 2010, 101, 340-348.	0.3	18
52	Pore structure characterization and in-situ diffusion test in nanoporous membrane using SANS. Journal of Physics: Conference Series, 2010, 247, 012023.	0.4	2
53	Investigation of phase transformations by in-situ neutron diffraction in a Co-Re-based high temperature alloy. Materials Letters, 2010, 64, 2608-2611.	2.6	25
54	In situ neutron diffraction measurement on Co-Re alloys at high temperature. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s152-s152.	0.3	0

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55	Evolution of internal stresses in the plain ferritic steel studied by neutron diffraction <i>in situ</i> upon tensile straining. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 095407.	1.8	4
56	Dependence of small-angle neutron scattering contrast on the difference in thermal expansions of phases in two-phase alloys. <i>Journal of Applied Crystallography</i> , 2009, 42, 981-989.	4.5	2
57	Evaluation of substructure parameters by peak profile analysis of high-resolution neutron diffraction spectra. <i>Powder Diffraction</i> , 2009, 24, S26-S30.	0.2	1
58	Small-angle neutron scattering investigation of $\hat{\Gamma}^3$ precipitate morphology evolution in creep-exposed single-crystal Ni-base superalloy CMSX-4. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104261.	1.8	6
59	Microstructural characterisation of a Ni-Fe-based superalloy by <i>in situ</i> small-angle neutron scattering measurements. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104220.	1.8	12
60	Microemulsion Droplets Decorated by Brij700 Block Copolymer: Phase Behavior and Structural Investigation by SAXS and SANS. <i>Langmuir</i> , 2007, 23, 6544-6553.	3.5	14
61	Conformation of poly(L-lysine)-graft-poly(ethylene glycol) molecular brushes in aqueous solution studied by small-angle neutron scattering. <i>European Physical Journal E</i> , 2007, 23, 237-245.	1.6	57
62	Characterization of core-shell nanoparticles by small angle neutron scattering. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 88, 277-284.	2.3	14
63	Neutron and X-ray diffraction measurements on micro- and nano-sized precipitates embedded in a Ni-based superalloy and after their extraction from the alloy. <i>Acta Materialia</i> , 2006, 54, 1307-1316.	7.9	22
64	Evolution of pore microstructure in thermal barrier coatings studied by SANS. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 617-619.	2.7	2
65	Characterization of nanoporous superalloy by SANS. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 626-629.	2.7	7
66	Structure of unilamellar vesicles: Numerical analysis based on small-angle neutron scattering data. <i>Crystallography Reports</i> , 2006, 51, S22-S26.	0.6	12
67	In situ small-angle neutron scattering study of La ₂ Zr ₂ O ₇ and SrZrO ₃ ceramics for thermal barrier coatings. <i>Scripta Materialia</i> , 2006, 55, 545-548.	5.2	13
68	Microstructural characterization of a modified 706-type Ni-Fe superalloy by small-angle neutron scattering and electron microscopy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2005, 36, 3439-3450.	2.2	27
69	Cavitation Behaviors in a Tetragonal Zirconia Polycrystal Subjected to Superplastic Deformations Measured by SANS Method. <i>Materials Science Forum</i> , 2004, 447-448, 67-72.	0.3	4
70	Creep Deformation and Microstructural Examination of a Prior Thermally Exposed Nickel Base Superalloy. <i>Key Engineering Materials</i> , 2004, 274-276, 925-930.	0.4	3
71	Nanocrystalline Ni ₃ Al-type intermetallic phase powder from Ni-base superalloys. <i>Nanotechnology</i> , 2004, 15, 648-657.	2.6	22
72	Investigation of radiation damage in VVER-440 reactor vessel steels by SANS. <i>Physica B: Condensed Matter</i> , 2004, 350, E755-E757.	2.7	2

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73	SANS investigations of pore anisotropy in superplastically deformed ceramics. <i>Physica B: Condensed Matter</i> , 2004, 350, E1019-E1022.	2.7	4
74	Degradation of creep properties in a long-term thermally exposed nickel base superalloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 387-389, 728-733.	5.6	26
75	SANS-II at SINQ: installation of the former RisÅ-SANS facility. <i>Physica B: Condensed Matter</i> , 2004, 350, E783-E786.	2.7	61
76	In situ SANS study of pore microstructure in YSZ thermal barrier coatings. <i>Acta Materialia</i> , 2004, 52, 3305-3312.	7.9	23
77	Structural, Volumetric, and Thermodynamic Characterization of a Micellar Sphere-to-Rod Transition. <i>Journal of the American Chemical Society</i> , 2004, 126, 16544-16552.	13.7	68
78	Structural study of poly (N-isopropylacrylamide) microgels interpenetrated with polypyrrole. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1396-1400.	2.8	29
79	Flat Cavities formed in TZP caused by Superplastic Deformations at High Strain-Rates and Their Effect on Elongation. <i>Materials Transactions</i> , 2004, 45, 824-832.	1.2	6
80	Investigation of microstructural changes in INCONEL 706 at high temperatures by In-Situ small-angle neutron scattering. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2003, 34, 2781-2792.	2.2	31
81	Lattice misfit measurement in Inconel 706 containing coherent Ni_3Al and Ni_3Ti precipitates. <i>Scripta Materialia</i> , 2003, 48, 333-339.	5.2	58
82	Precipitate scanning in Ni-base Ni_3Al -superalloys. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 200, 255-260.	1.4	4
83	Evaluation of anisotropic small-angle neutron scattering data; a faster approach. <i>Journal of Applied Crystallography</i> , 2003, 36, 854-859.	4.5	26
84	Structural Transition of Oil-Swollen Cylindrical Micelles of C12E5 in Water Studied by SANS. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1316-1320.	2.6	41
85	Small-Angle Neutron Scattering: A Tool for Microstructural Investigation of High-Temperature Materials. <i>Materials Science Forum</i> , 2003, 426-432, 755-760.	0.3	0
86	Misfit Investigations of Nickel-Base Superalloys. <i>Materials Science Forum</i> , 2003, 426-432, 821-828.	0.3	4
87	Characterization of Cavities in Superplastically Deformed Tetragonal Zirconia Polycrystals by Means of Small Angle Neutron Scattering. <i>Materials Transactions</i> , 2002, 43, 2480-2486.	1.2	11
88	SANS examination of precipitate microstructure in the creep-exposed single-crystal Ni-base superalloy SC16. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1083-s1085.	2.3	5
89	Microstructural investigations on Russian reactor pressure vessel steels by small-angle neutron scattering. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1128-s1130.	2.3	7
90	Microstructural changes in long-time thermally exposed Ni-base superalloy studied by SANS. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1155-s1157.	2.3	14

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91	Investigating self-assembly and metal nanoclusters in aqueous di-block copolymers solutions. Applied Physics A: Materials Science and Processing, 2002, 74, s540-s542.	2.3	3
92	In situ SANS investigation of precipitate microstructure at elevated temperatures in Re-rich Ni-base superalloy. Applied Physics A: Materials Science and Processing, 2002, 74, s1074-s1076.	2.3	4
93	Structural investigation of hybrid nanocomposites. Applied Physics A: Materials Science and Processing, 2002, 74, s1430-s1432.	2.3	6
94	Neutron-, X-ray- and electron-diffraction measurements for the determination of γ/α lattice misfit in Ni-base superalloys. Applied Physics A: Materials Science and Processing, 2002, 74, s1446-s1448.	2.3	13
95	Structural and dynamical characterization of melt PEO-salt mixtures. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 308-313.	2.6	11
96	Data evaluation procedure for high-resolution neutron diffraction methods. Journal of Neutron Research, 2001, 9, 99-106.	1.1	12
97	In situ neutron diffraction study of drawn pearlitic steel wires upon tensile deformation. Journal of Neutron Research, 2001, 9, 415-421.	1.1	5
98	Determination of β solution temperature in Re-rich Ni-base superalloy by small-angle neutron scattering. Journal of Applied Crystallography, 2001, 34, 541-548.	4.5	11
99	Phase Behavior, Structure, and Physical Properties of the Quaternary System Tetradecyldimethylamine Oxide, HCl, 1-Hexanol, and Water. Journal of Colloid and Interface Science, 2000, 221, 200-209.	9.4	29
100	Evaluation procedure for anisotropic SANS. Journal of Applied Crystallography, 2000, 33, 834-838.	4.5	11
101	General formula for determination of cross-section from measured SANS intensities. Journal of Applied Crystallography, 2000, 33, 829-833.	4.5	54
102	Non-destructive SANS study of creep-tested single-crystal Ni-base superalloy CMSX3. Physica B: Condensed Matter, 2000, 276-278, 890-891.	2.7	8
103	Small angle scattering study concerning the effect of residual elements on the radiation behaviour of iron alloys. Physica B: Condensed Matter, 2000, 276-278, 936-938.	2.7	3
104	In situ neutron diffraction study of metals under external mechanical loading. Physica B: Condensed Matter, 2000, 276-278, 845-846.	2.7	4
105	SANS study of magnetic phase transitions in CaMn ₇ O ₁₂ . Physica B: Condensed Matter, 2000, 276-278, 547-548.	2.7	18
106	Phase behaviour and physical properties of the cationic quaternary system tetradecyldimethylamine oxide hydrochloric acid 1-hexanol water. Colloid and Polymer Science, 2000, 278, 137-142.	2.1	5
107	Silver Behenate as a Standard for Instrumental Resolution and Wavelength Calibration for Small Angle Neutron Scattering. Materials Science Forum, 2000, 321-324, 264-269.	0.3	17
108	Evaluation of High-Resolution SANS Measurements in Multiple Scattering Regime. Materials Science Forum, 2000, 321-324, 270-275.	0.3	0

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109	In Situ High-Resolution Neutron Diffraction Study of Stress Induced Martensitic Transformations in CuAlZnMn Shape Memory Alloy. Materials Science Forum, 2000, 347-349, 334-339.	0.3	4
110	Neutron Diffraction as a Tool for Microstrain Characterization of Polycrystalline Ni-Base Superalloy after Thermal Fatigue. Materials Science Forum, 2000, 321-324, 1046-1050.	0.3	1
111	Measurement of $\hat{\Gamma}^2$ precipitate morphology by small angle neutron scattering. Scripta Materialia, 1999, 41, 31-38.	5.2	15
112	Characterization of Single Crystal Superalloy SC16 by Small Angle Neutron Scattering and Complementary Analytical Techniques. Scripta Materialia, 1998, 38, 803-809.	5.2	5
113	Sans from low volume fraction of plate-like precipitates present in two single-crystal Ni-base superalloys. Scripta Materialia, 1998, 39, 715-721.	5.2	8
114	Residual strain/stress analysis by means of energy-dispersive neutron transmission diffraction (EDNTD)., 1997,, .		4
115	Neutron diffractometer using Bragg diffraction optics for high-resolution strain/stress measurements. , 1997, 2867, 156.		7
116	Microstrain characterization of metals using high-resolution neutron diffraction. Physica B: Condensed Matter, 1997, 234-236, 956-958.	2.7	7
117	Investigation of $\hat{\Gamma}^2$ precipitates in nickel-base single-crystal superalloy (SC 16) by SANS. Physica B: Condensed Matter, 1997, 234-236, 1008-1010.	2.7	10
118	SANS investigation of plasma-sprayed materials using a double-crystal diffractometer. Physica B: Condensed Matter, 1997, 234-236, 1011-1013.	2.7	2
119	Neutron-scattering experiments in materials science at $\hat{A}^3/4$'s reactor LVR-15. Physica B: Condensed Matter, 1997, 241-243, 92-94.	2.7	0
120	Small-angle neutron-scattering studies on oriented single-crystal superalloys. Physica B: Condensed Matter, 1997, 241-243, 347-349.	2.7	2
121	Double-Bent-Crystal Small-Angle Neutron Scattering Setting and its Applications. Journal of Applied Crystallography, 1997, 30, 844-848.	4.5	45
122	Fully Numerical Procedure for Anisotropic Small-Angle Neutron Scattering Modelling and Data Evaluation. Journal of Applied Crystallography, 1997, 30, 1132-1139.	4.5	10
123	Small-Angle Neutron Scattering Investigation of Precipitation in Single-Crystal Nickel-Based Superalloy ZS26. Journal of Applied Crystallography, 1997, 30, 597-601.	4.5	6
124	Austenite content and dislocation density in electron-beam welds of a stainless maraging steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1996, 208, 131-138.	5.6	20
125	Bragg optics for strain/stress measurement techniques. Physica B: Condensed Matter, 1995, 213-214, 845-847.	2.7	10
126	Double bent crystal diffractometer for SANS experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 338, 111-115.	1.6	16

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127	Double-bent-crystal sans investigation of the creep exposed CMSX2 single crystal. Acta Physica Hungarica, 1994, 75, 279-284.	0.1	2
128	High resolution neutron diffraction techniques for strain/stress measurements at a steady state reactor. Acta Physica Hungarica, 1994, 75, 305-310.	0.1	6
129	Characterization of the creep exposed CMSX2 single crystal by neutron diffraction topography and neutron diffractometry. European Physical Journal D, 1994, 44, 687-693.	0.4	1
130	Focusing double bent crystal diffractometer in combination with PSD for SANS experiments. European Physical Journal Special Topics, 1993, 03, C8-439-C8-442.	0.2	3
131	Investigation of Vycor glass structure on the double-bent-crystal small-angle neutron scattering instrument. European Physical Journal Special Topics, 1993, 03, C7-1439-C7-1442.	0.2	0
132	<title>Unconventional double bent-crystal diffractometer equipped by position-sensitive detector</title>. , 1992, 1738, 411.		0
133	New SANS diffractometer and neutron interferometric device at NPI $\tilde{e}\tilde{A}^3/4$. Physica B: Condensed Matter, 1992, 180-181, 984-986.	2.7	4
134	Single-Line Diffraction Profile Analysis Method Used for Evaluation of Microstructural Parameters in the Plain Ferritic Steel upon Tensile Straining. Materials Science Forum, 0, 571-572, 181-188.	0.3	7
135	SANS Investigation of $\hat{I}^3\hat{A}'$ Precipitate Morphology Evolution in Creep Exposed Single Crystal Ni Base Superalloy. Materials Science Forum, 0, 636-637, 1475-1482.	0.3	2
136	<i>In Situ</i> Investigation with Neutrons on the Evolution of \hat{I}^3 ' Precipitates at High Temperatures in a Single Crystal Ni-Base Superalloy. Advanced Materials Research, 0, 278, 42-47.	0.3	7
137	Structure and Microstructure of Advanced Materials Characterized by Neutron Diffraction. Materials Science Forum, 0, 1016, 1404-1410.	0.3	0