

Kenneth C Littrell

List of Publications by Year in descending order

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140
papers

4,376
citations

87843

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62
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148
all docs

148
docs citations

148
times ranked

5254
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | In-Situ Study of Microstructure Evolution of Spinodal Decomposition in an Al-Rich High-Entropy Alloy. <i>Frontiers in Materials</i> , 2022, 9, . | 1.2 | 2 |
| 2 | drtsans: The data reduction toolkit for small-angle neutron scattering at Oak Ridge National Laboratory. <i>SoftwareX</i> , 2022, 19, 101101. | 1.2 | 32 |
| 3 | Oxidation and associated pore structure modification during experimental alteration of granite. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 532-556. | 1.6 | 15 |
| 4 | Nanoscale Interfacial Smoothing and Dissolution during Unconventional Reservoir Stimulation: Implications for Hydrocarbon Mobilization and Transport. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15811-15819. | 4.0 | 7 |
| 5 | Influence of microstructure on replacement and porosity generation during experimental dolomitization of limestones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 303, 137-158. | 1.6 | 14 |
| 6 | Bifunctional nanoprecipitates strengthen and ductilize a medium-entropy alloy. <i>Nature</i> , 2021, 595, 245-249. | 13.7 | 141 |
| 7 | A Unified User-Friendly Instrument Control and Data Acquisition System for the ORNL SANS Instrument Suite. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1216. | 1.3 | 4 |
| 8 | Domain Wall Patterning and Giant Response Functions in Ferrimagnetic Spinel. <i>Advanced Science</i> , 2021, 8, 2101402. | 5.6 | 1 |
| 9 | Effects of soil particles and convective transport on dispersion and aggregation of nanoplastics via small-angle neutron scattering (SANS) and ultra SANS (USANS). <i>PLoS ONE</i> , 2020, 15, e0235893. | 1.1 | 18 |
| 10 | Rapid Characterization Methods for Accelerated Innovation for Nuclear Fuel Cladding. <i>Microscopy and Microanalysis</i> , 2020, 26, 868-869. | 0.2 | 1 |
| 11 | Detection of plasmonic behavior in colloidal indium tin oxide films by impedance spectroscopy. <i>MRS Communications</i> , 2020, 10, 278-285. | 0.8 | 3 |
| 12 | Quantifying Fluid-Wettable Effective Pore Space in the Utica and Bakken Oil Shale Formations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087896. | 1.5 | 12 |
| 13 | Crystallization Mechanism in Spark Plasma Sintered Bulk Metallic Glass Analyzed using Small Angle Neutron Scattering. <i>Scientific Reports</i> , 2020, 10, 2033. | 1.6 | 11 |
| 14 | Fractionation of Lignin for Selective Shape Memory Effects at Elevated Temperatures. <i>Materials</i> , 2020, 13, 1940. | 1.3 | 3 |
| 15 | In situ examination of engineered local additives in cement paste via neutron based scattering techniques. <i>Construction and Building Materials</i> , 2020, 243, 118175. | 3.2 | 2 |
| 16 | The Effect of Microstructure on Replacement Reactions – The Example of Limestone Replacement by Fluorite and Dolomite. , 2020, , . | | 0 |
| 17 | Temporal Evolution of Corrosion Film Nano-Porosity and Magnesium Alloy Hydrogen Penetration in NaCl Solution. <i>Journal of the Electrochemical Society</i> , 2020, 167, 131513. | 1.3 | 5 |
| 18 | Controls of Microstructure and Chemical Reactivity on the Replacement of Limestone by Fluorite Studied Using Spatially Resolved Small Angle X-ray and Neutron Scattering. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1998-2016. | 1.2 | 10 |

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|----|--|-----|-----------|
| 19 | Revealing the Effects of the Non-solvent on the Ligand Shell of Nanoparticles and Their Crystallization. <i>Journal of the American Chemical Society</i> , 2019, 141, 16651-16662. | 6.6 | 35 |
| 20 | Cation Molecular Structure Affects Mobility and Transport of Electrolytes in Porous Carbons. <i>Journal of the Electrochemical Society</i> , 2019, 166, A507-A514. | 1.3 | 12 |
| 21 | Multiscale investigations of nanoprecipitate nucleation, growth, and coarsening in annealed low-Cr oxide dispersion strengthened FeCrAl powder. <i>Acta Materialia</i> , 2019, 166, 1-17. | 3.8 | 46 |
| 22 | Amphiphilic Bottlebrush Block Copolymers: Analysis of Aqueous Self-Assembly by Small-Angle Neutron Scattering and Surface Tension Measurements. <i>Macromolecules</i> , 2019, 52, 465-476. | 2.2 | 56 |
| 23 | Solvent-pore interactions in the Eagle Ford shale formation. <i>Fuel</i> , 2019, 238, 298-311. | 3.4 | 40 |
| 24 | The suite of small-angle neutron scattering instruments at Oak Ridge National Laboratory. <i>Journal of Applied Crystallography</i> , 2018, 51, 242-248. | 1.9 | 115 |
| 25 | Liquid worm-like and proto-micelles: water solubilization in amphiphile-oil solutions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12908-12915. | 1.3 | 17 |
| 26 | The effects of burial diagenesis on multiscale porosity in the St. Peter Sandstone: An imaging, small-angle, and ultra-small-angle neutron scattering analysis. <i>Marine and Petroleum Geology</i> , 2018, 92, 352-371. | 1.5 | 17 |
| 27 | Advanced characterization of cryogenic 9Ni steel using synchrotron radiation, neutron scattering and 57Fe Mössbauer spectroscopy. <i>Materials and Design</i> , 2018, 146, 219-227. | 3.3 | 14 |
| 28 | Precipitation of ϵ in neutron irradiated commercial FeCrAl alloys. <i>Scripta Materialia</i> , 2018, 142, 41-45. | 2.6 | 51 |
| 29 | A path for lignin valorization via additive manufacturing of high-performance sustainable composites with enhanced 3D printability. <i>Science Advances</i> , 2018, 4, eaat4967. | 4.7 | 131 |
| 30 | Progress on The Time-of-Flight Ultra Small Angle Neutron Scattering Instrument at SNS. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012033. | 0.3 | 9 |
| 31 | Cavitation Enables Switchable and Rapid Block Polymer Exchange under High- $\dot{\gamma}$ N Conditions. <i>Macromolecules</i> , 2018, 51, 6967-6975. | 2.2 | 10 |
| 32 | Origin of dielectric relaxor behavior in PVDF-based copolymer and terpolymer films. <i>AIP Advances</i> , 2018, 8, . | 0.6 | 15 |
| 33 | Characterization of the effects of different tempers and aging temperatures on the precipitation behavior of Al-Mg (5.25 at.%) -Mn alloys. <i>Materials and Design</i> , 2017, 118, 22-35. | 3.3 | 30 |
| 34 | Unrivaled combination of surface area and pore volume in micelle-templated carbon for supercapacitor energy storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13511-13525. | 5.2 | 63 |
| 35 | Characterization of colloidal structures during intestinal lipolysis using small-angle neutron scattering. <i>Journal of Colloid and Interface Science</i> , 2017, 499, 189-201. | 5.0 | 39 |
| 36 | A combined APT and SANS investigation of ϵ phase precipitation in neutron-irradiated model FeCrAl alloys. <i>Acta Materialia</i> , 2017, 129, 217-228. | 3.8 | 131 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Structure and property correlations in FeS. <i>Physica C: Superconductivity and Its Applications</i> , 2017, 534, 29-36. | 0.6 | 37 |
| 38 | Controlled Assembly of Lignocellulosic Biomass Components and Properties of Reformed Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8044-8052. | 3.2 | 22 |
| 39 | Characterization of Al-Mg Alloy Aged at Low Temperatures. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 2040-2050. | 1.1 | 31 |
| 40 | The role of home-built software at user facilities: the ORNL SANS experience. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, a177-a177. | 0.0 | 0 |
| 41 | Complementary Techniques for Quantification of $\hat{\Gamma}'$ Phase Precipitation in Neutron-Irradiated Fe-Cr-Al Model Alloys. <i>Microscopy and Microanalysis</i> , 2016, 22, 1470-1471. | 0.2 | 1 |
| 42 | In situ neutron scattering study of nanoscale phase evolution in PbTe-PbS thermoelectric material. <i>Applied Physics Letters</i> , 2016, 109, 081903. | 1.5 | 8 |
| 43 | Extraction of organic compounds from representative shales and the effect on porosity. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 646-660. | 2.1 | 40 |
| 44 | Nanoscope Structural Investigation of Physically Cross-Linked Nanogels Formed from Self-Associating Polymers. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11996-12002. | 1.2 | 12 |
| 45 | SANS study on the solvated structure and molecular interactions of a thermo-responsive polymer in a room temperature ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17881-17889. | 1.3 | 15 |
| 46 | Mechanism of heat-induced gelation for ovalbumin and its N-terminus cleaved form. <i>Polymer</i> , 2016, 93, 152-158. | 1.8 | 10 |
| 47 | Structure of Spontaneously Formed Solid-Electrolyte Interphase on Lithiated Graphite Determined Using Small-Angle Neutron Scattering. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9816-9823. | 1.5 | 28 |
| 48 | Effects of maturation on multiscale (nanometer to millimeter) porosity in the Eagle Ford Shale. <i>Interpretation</i> , 2015, 3, SU59-SU70. | 0.5 | 37 |
| 49 | Effect of quartz overgrowth precipitation on the multiscale porosity of sandstone: A (U)SANS and imaging analysis. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 158, 199-222. | 1.6 | 51 |
| 50 | Fast, quantitative, and nondestructive evaluation of hydrided LWR fuel cladding by small angle incoherent neutron scattering of hydrogen. <i>Journal of Nuclear Materials</i> , 2015, 460, 114-121. | 1.3 | 4 |
| 51 | Precipitation processes in the Beta-Titanium alloy Ti-5Al-5Mo-3Cr. <i>Journal of Alloys and Compounds</i> , 2015, 646, 946-953. | 2.8 | 54 |
| 52 | Film Breakdown and Nano-Porous Mg(OH) ₂ Formation from Corrosion of Magnesium Alloys in Salt Solutions. <i>Journal of the Electrochemical Society</i> , 2015, 162, C140-C149. | 1.3 | 128 |
| 53 | Corrections for the geometric distortion of the tube detectors on SANS instruments at ORNL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 775, 63-70. | 0.7 | 10 |
| 54 | Radiation tolerance of neutron-irradiated model Fe-Cr-Al alloys. <i>Journal of Nuclear Materials</i> , 2015, 465, 746-755. | 1.3 | 210 |

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|----|--|-----|-----------|
| 55 | Nanoprecipitation in a beta-titanium alloy. Journal of Alloys and Compounds, 2015, 623, 146-156. | 2.8 | 50 |
| 56 | The Bio-SANS instrument at the High Flux Isotope Reactor of Oak Ridge National Laboratory. Journal of Applied Crystallography, 2014, 47, 1238-1246. | 1.9 | 83 |
| 57 | Nondestructive Evaluation on Hydrided LWR Fuel Cladding by Small Angle Incoherent Neutron Scattering of Hydrogen. Materials Research Society Symposia Proceedings, 2014, 1653, 1. | 0.1 | 1 |
| 58 | Multiscale (nano to mm) Porosity in the Eagle Ford Shale: Changes as a Function of Maturity. , 2014, , . Vortex lattice structure in | | 2 |
| 59 | BaFe_2O_7 via small-angle neutron scattering. Physical Review | 1.1 | 12 |
| 60 | Understanding How Processing Additives Tune the Nanoscale Morphology of High Efficiency Organic Photovoltaic Blends: From Casting Solution to Spun Cast Thin Film. Advanced Functional Materials, 2014, 24, 6647-6657. | 7.8 | 39 |
| 61 | Diagenesis and kerogen release in oil- and gas-bearing shales. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C63-C63. | 0.0 | 0 |
| 62 | Diagenetic changes in macro- to nano-scale porosity in the St. Peter Sandstone: An (ultra) small angle neutron scattering and backscattered electron imaging analysis. Geochimica Et Cosmochimica Acta, 2013, 102, 280-305. | 1.6 | 134 |
| 63 | Solvent quality-induced nucleation and growth of parallelepiped nanorods in dilute poly(3-hexylthiophene) (P3HT) solution and the impact on the crystalline morphology of solution-cast thin film. CrystEngComm, 2013, 15, 1114-1124. | 1.3 | 51 |
| 64 | Growth kinetics of lipid-based nanodiscs to unilamellar vesicles A time-resolved small angle neutron scattering (SANS) study. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1025-1035. | 1.4 | 28 |
| 65 | Field dependence of the superconducting basal plane anisotropy of TmNiB_2 . Physical Review B, 2012, 86, . | 1.1 | 1 |
| 66 | The 40 m general purpose small-angle neutron scattering instrument at Oak Ridge National Laboratory. Journal of Applied Crystallography, 2012, 45, 990-998. | 1.9 | 89 |
| 67 | Small-Angle Neutron Scattering Study of Organic-Phase Aggregation in the TALSPEAK Process. Journal of Physical Chemistry B, 2012, 116, 13722-13730. | 1.2 | 22 |
| 68 | Small-angle neutron scattering study of the wet and dry high-temperature oxidation of alumina- and chromia-forming stainless steels. Corrosion Science, 2012, 58, 121-132. | 3.0 | 11 |
| 69 | Self-assembly of a semi-fluorinated diblock copolymer in a selective solvent. Soft Matter, 2012, 8, 2176. | 1.2 | 5 |
| 70 | Characterization of the neutron detector upgrade to the GP-SANS and Bio-SANS instruments at HFIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 693, 179-185. | 0.7 | 24 |
| 71 | Formation of Kinetically Trapped Nanoscopic Unilamellar Vesicles from Metastable Nanodiscs. Langmuir, 2011, 27, 14308-14316. | 1.6 | 41 |
| 72 | First data acquired on the extended Q-range small-angle neutron scattering (EQ-SANS) diffractometer at the Spallation Neutron Source. Journal of Applied Crystallography, 2011, 44, 1120-1122. | 1.9 | 7 |

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| 73 | From embryos to precipitates: A study of nucleation and growth in a multicomponent ferritic steel. Physical Review B, 2011, 84, . | 1.1 | 40 |
| 74 | Creation of vortices by ferromagnetic order in ErNi Physica C: Superconductivity and Its Applications, 2010, 470, S716-S718. | 0.6 | 5 |
| 75 | Correlating Small Angle Scattering Spectra to Electrical Resistivity Changes in a Nickel-base Superalloy. Materials Research Society Symposia Proceedings, 2010, 1262, 1. Kondo behavior, ferromagnetic correlations, and crystal fields in the heavy-fermion compounds | 0.1 | 1 |
| 76 | Ce | | |

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| 91 | Anisotropic intermediate valence in Yb ₂ Rh ₃ Ga ₉ . Physica B: Condensed Matter, 2006, 378-380, 752-753. | 1.3 | 0 |
| 92 | SANS Study of Third Phase Formation in the HCl-TBP-n-Octane System. Solvent Extraction and Ion Exchange, 2006, 24, 125-148. | 0.8 | 30 |
| 93 | Continuously operating compact He-based neutron spin filter. Physica B: Condensed Matter, 2005, 356, 86-90. | 1.3 | 17 |
| 94 | MISANS, a method for quasi-elastic small angle neutron scattering experiments. Physica B: Condensed Matter, 2005, 356, 213-217. | 1.3 | 15 |
| 95 | Complementarity of MIEZE-SANS and X-ray photon correlation spectroscopy (XPCS). Physica B: Condensed Matter, 2005, 356, 223-228. | 1.3 | 1 |
| 96 | Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. Angewandte Chemie - International Edition, 2005, 44, 2420-2426. | 7.2 | 238 |
| 97 | Cover Picture: Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces (Angew.) | 10.784314 | 1 |
| 98 | Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. Angewandte Chemie, 2005, 117, 2472-2478. | 1.6 | 29 |
| 99 | Vibration-dominated negative mixing entropy for C impurities in ²³⁸ U. Physical Review B, 2005, 72, . | 1.1 | 4 |
| 100 | Controlled Structure in Artificial Protein Hydrogels. Macromolecules, 2005, 38, 7470-7475. | 2.2 | 28 |
| 101 | Interpretation of Third Phase Formation in the Th(IV)-HNO ₃ , TBP-n-Octane System with Baxter's "Sticky Spheres" Model. Solvent Extraction and Ion Exchange, 2004, 22, 325-351. | 0.8 | 61 |
| 102 | A comparison of different methods for improving flux and resolution on SANS instruments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 529, 22-27. | 0.7 | 20 |
| 103 | Development of position-sensitive neutron detector based on scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 529, 301-306. | 0.7 | 9 |
| 104 | Development of a compound focusing lens: improvement of signal-to-noise ratio. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 529, 112-115. | 0.7 | 3 |
| 105 | Recent development of position-sensitive neutron detectors employing wavelength-shifting cross-fiber. Physica B: Condensed Matter, 2004, 350, E841-E844. | 1.3 | 1 |
| 106 | A method for polarization control and analysis on Bonse-Hart double-crystal USANS instruments. Physica B: Condensed Matter, 2004, 345, 246-249. | 1.3 | 5 |
| 107 | Possible application of compound Fresnel lens for neutron beam focusing. Physica B: Condensed Matter, 2004, 350, E775-E778. | 1.3 | 2 |
| 108 | Recent progress in the development of concave Fresnel lenses for neutrons. Journal of Applied Crystallography, 2003, 36, 806-808. | 1.9 | 8 |

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| 109 | Development of a high-resolution scintillator-based area detector for neutrons. <i>Journal of Applied Crystallography</i> , 2003, 36, 820-825. | 1.9 | 15 |
| 110 | Time-of-flight implementation of an ultra-small-angle neutron scattering instrument. <i>Journal of Applied Crystallography</i> , 2003, 36, 763-768. | 1.9 | 18 |
| 111 | Application of the Baxter Model for Hard Spheres with Surface Adhesion to SANS Data for the U(VI)-HNO ₃ /TBP-n-Dodecane System. <i>Langmuir</i> , 2003, 19, 9592-9599. | 1.6 | 102 |
| 112 | Sans Study Of Third Phase Formation In The U(vi)-hno3/tbp-n-dodecane System. <i>Separation Science and Technology</i> , 2003, 38, 3313-3331. | 1.3 | 43 |
| 113 | Third Phase Formation Revisited: The U(VI), HNO ₃ -TBP, n-Dodecane System. <i>Solvent Extraction and Ion Exchange</i> , 2003, 21, 1-27. | 0.8 | 131 |
| 114 | Sans Study Of Third Phase Formation In The Th(iv)-hno3/tbp-n-octane System. <i>Separation Science and Technology</i> , 2003, 38, 3333-3351. | 1.3 | 52 |
| 115 | Structural Studies of Bleached Melanin by Synchrotron Small-angle X-ray Scattering. <i>Photochemistry and Photobiology</i> , 2003, 77, 115. | 1.3 | 47 |
| 116 | Prospects for Solid Ammonia as a Cold Moderator. <i>Journal of Neutron Research</i> , 2003, 11, 41-49. | 0.4 | 1 |
| 117 | Time-of-flight ultrasmall-angle neutron scattering instrument for SNS. , 2002, , . | | 0 |
| 118 | Microstructural Analysis of Activated Carbons Prepared from Paper Mill Sludge by SANS and BET. <i>Chemistry of Materials</i> , 2002, 14, 327-333. | 3.2 | 15 |
| 119 | Structural characterization of activated carbon adsorbents prepared from paper mill sludge. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1403-s1405. | 1.1 | 3 |
| 120 | Development of neutron compound refractive optics: a progress report. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s180-s182. | 1.1 | 6 |
| 121 | Design of a TOF-SANS instrument for the proposed long-wavelength target station at the spallation neutron source. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1480-s1482. | 1.1 | 5 |
| 122 | Present status and perspectives on neutron scattering instrumentation development at IPNS. <i>Physica B: Condensed Matter</i> , 2002, 311, 112-116. | 1.3 | 0 |
| 123 | Pressure-Jump Small-Angle X-Ray Scattering Detected Kinetics of Staphylococcal Nuclease Folding. <i>Biophysical Journal</i> , 2001, 80, 1518-1523. | 0.2 | 98 |
| 124 | Characterization of silica-polymer aerogel composites by small-angle neutron scattering and transmission electron microscopy. <i>Journal of Non-Crystalline Solids</i> , 2001, 288, 184-190. | 1.5 | 48 |
| 125 | The <i>Bacillus subtilis</i> RNase P holoenzyme contains two RNase P RNA and two RNase P protein subunits. <i>Rna</i> , 2001, 7, 233-241. | 1.6 | 54 |
| 126 | Electronic time-focusing of pulsed-source neutron chopper data: binning to minimize effects of proton pulse and chopper opening time variations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 459, 221-228. | 0.7 | 0 |

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| 127 | The thermodynamic origin of the stability of a thermophilic ribozyme. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4355-4360. | 3.3 | 65 |
| 128 | Solution structure of a biological bimolecular electron transfer complex: characterization of the photosynthetic reaction center-cytochrome c2protein complex by small angle neutron scattering. Journal of Applied Crystallography, 2000, 33, 560-564. | 1.9 | 17 |
| 129 | Self-organization of OPV-PEG diblock copolymers in THF/water. Journal of Applied Crystallography, 2000, 33, 645-649. | 1.9 | 19 |
| 130 | Solution structure of detergent micelles at conditions relevant to membrane protein crystallization. Journal of Applied Crystallography, 2000, 33, 577-581. | 1.9 | 4 |
| 131 | Syntheses of Amphiphilic Diblock Copolymers Containing a Conjugated Block and Their Self-Assembling Properties. Journal of the American Chemical Society, 2000, 122, 6855-6861. | 6.6 | 196 |
| 132 | Mg ²⁺ -Dependent Compaction and Folding of Yeast tRNA ^{Phe} and the Catalytic Domain of the B. subtilis RNase P RNA Determined by Small-Angle X-ray Scattering. Biochemistry, 2000, 39, 11107-11113. | 1.2 | 118 |
| 133 | Solution Structure of Copper Ion-Induced Molecular Aggregates of Tyrosine Melanin. Biophysical Journal, 1999, 77, 1135-1142. | 0.2 | 87 |
| 134 | Transparent Monolithic Metal Ion Containing Nanophase Aerogels. Materials Research Society Symposia Proceedings, 1999, 581, 353. | 0.1 | 6 |
| 135 | Neutron interferometry instrumentation at MURR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 412, 392-419. | 0.7 | 10 |
| 136 | The Effects of Dynamical Diffraction on the Measurement of Gravitationally Induced Quantum Phase Shifts by Neutron Interferometry. Acta Crystallographica Section A: Foundations and Advances, 1998, 54, 563-580. | 0.3 | 9 |
| 137 | Two-wavelength-difference measurement of gravitationally induced quantum interference phases. Physical Review A, 1997, 56, 1767-1780. | 1.0 | 103 |
| 138 | Advances in the measurement of gravity-induced quantum phase shifts. Physica B: Condensed Matter, 1997, 241-243, 1219-1221. | 1.3 | 1 |
| 139 | <title>Multistage position-stabilized vibration isolation system for neutron interferometry</title> . , 1994, 2264, 20. | | 16 |
| 140 | Modeling the Electrical Response of Waspaloy due to the Nucleation, Growth, and Coarsening of β . Materials Science Forum, 0, 706-709, 2406-2411. | 0.3 | 1 |