

Patrick Huber

List of Publications by Year in descending order

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133
papers

3,756
citations

126708

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times ranked

3141
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | How water wets and self-hydrophilizes nanopatterns of physisorbed hydrocarbons. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 57-66. | 5.0 | 1 |
| 2 | Wafer-scale Electroactive Nanoporous Silicon: Large and Fully Reversible Electrochemo-Mechanical Actuation in Aqueous Electrolytes. <i>Advanced Materials</i> , 2022, 34, e2105923. | 11.1 | 6 |
| 3 | Wafer-scale Electroactive Nanoporous Silicon: Large and Fully Reversible Electrochemo-Mechanical Actuation in Aqueous Electrolytes (Adv. Mater. 1/2022). <i>Advanced Materials</i> , 2022, 34, . | 11.1 | 0 |
| 4 | Assessment of nanoparticle immersion depth at liquid interfaces from chemically equivalent macroscopic surfaces. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 670-683. | 5.0 | 2 |
| 5 | Impact of confinement and polarizability on dynamics of ionic liquids. <i>Journal of Chemical Physics</i> , 2022, 156, 064703. | 1.2 | 7 |
| 6 | Structure of Water at Hydrophilic and Hydrophobic Interfaces: Raman Spectroscopy of Water Confined in Periodic Mesoporous (Organo)Silicas. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3520-3531. | 1.5 | 11 |
| 7 | On the issue of textured crystallization of Ba(NO ₃) ₂ in mesoporous SiO ₂ : Raman spectroscopy and lattice dynamics analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 275, 121157. | 2.0 | 4 |
| 8 | Multiple glassy dynamics of a homologous series of triphenylene-based columnar liquid crystals – A study by broadband dielectric spectroscopy and advanced calorimetry. <i>Journal of Molecular Liquids</i> , 2022, 358, 119212. | 2.3 | 2 |
| 9 | Acoustically Induced Giant Synthetic Hall Voltages in Graphene. <i>Physical Review Letters</i> , 2022, 128, . | 2.9 | 12 |
| 10 | Side Chain Length-Dependent Dynamics and Conductivity in Self-Assembled Ion Channels. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10995-11006. | 1.5 | 4 |
| 11 | Anisotropic confinement of chromophores induces second-order nonlinear optics in a nanoporous photonic metamaterial. <i>Optics Letters</i> , 2021, 46, 845. | 1.7 | 7 |
| 12 | Dynamics of water confined in mesopores with variable surface interaction. <i>Journal of Chemical Physics</i> , 2021, 154, 094505. | 1.2 | 25 |
| 13 | Adsorption from binary liquid solutions into mesoporous silica: a capacitance isotherm on 5CB nematogen/cyclohexane mixtures. <i>Molecular Physics</i> , 2021, 119, . | 0.8 | 1 |
| 14 | Liquid crystalline hydrazones revisited: dipolar interactions vs hydrogen bonding affecting mesomorphic properties. <i>Liquid Crystals</i> , 2021, 48, 1382-1391. | 0.9 | 8 |
| 15 | Synergistic and Competitive Adsorption of Hydrophilic Nanoparticles and Oil-Soluble Surfactants at the Oil-Water Interface. <i>Langmuir</i> , 2021, 37, 5659-5672. | 1.6 | 20 |
| 16 | Molecular dynamics and electrical conductivity of Guanidinium based ionic liquid crystals: Influence of cation headgroup configuration. <i>Journal of Molecular Liquids</i> , 2021, 330, 115666. | 2.3 | 10 |
| 17 | Laser-excited elastic guided waves reveal the complex mechanics of nanoporous silicon. <i>Nature Communications</i> , 2021, 12, 3597. | 5.8 | 23 |
| 18 | Influence of Pore Surface Chemistry on the Rotational Dynamics of Nanoconfined Water. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16864-16874. | 1.5 | 13 |

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|----|--|-----|-----------|
| 19 | Paraelectric KH ₂ PO ₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159177. | 2.8 | 6 |
| 20 | Dynamic Kerr and Pockels electro-optics of liquid crystals in nanopores for active photonic metamaterials. <i>Nanoscale</i> , 2021, 13, 18714-18725. | 2.8 | 0 |
| 21 | Statistical Analysis of Submicron X-ray Tomography Data on Polymer Imbibition into Arrays of Cylindrical Nanopores. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26731-26743. | 1.5 | 4 |
| 22 | Giant electrochemical actuation in a nanoporous silicon-polypyrrole hybrid material. <i>Science Advances</i> , 2020, 6, . | 4.7 | 26 |
| 23 | Electrical Conductivity and Multiple Glassy Dynamics of Crown Ether-Based Columnar Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8728-8739. | 1.2 | 8 |
| 24 | Precursor Film Spreading during Liquid Imbibition in Nanoporous Photonic Crystals. <i>Physical Review Letters</i> , 2020, 125, 234502. | 2.9 | 13 |
| 25 | Probing the Electrolyte Transfer in Ultrathin Polypyrrole Films by In Situ X-ray Reflectivity and Electrochemistry. <i>Langmuir</i> , 2020, 36, 13448-13456. | 1.6 | 5 |
| 26 | Ionic liquid dynamics in nanoporous carbon: A pore-size- and temperature-dependent neutron spectroscopy study on supercapacitor materials. <i>Physical Review Materials</i> , 2020, 4, . | 0.9 | 13 |
| 27 | Soft Matter and Biomaterials on the Nanoscale. , 2020, , . | | 1 |
| 28 | Liquid Crystals Confined in Nanoporous Solids: From Fundamentals to Functionalities of Integrated Material Systems. , 2020, , 377-434. | | 0 |
| 29 | Electrochemical Actuation in Porous Silicon. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 1216-1216. | 0.0 | 0 |
| 30 | Electrolyte Transfer at a Liquid-Solid Polypyrrole Interface Quantified By in Situ X-Ray Reflectometry. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3174-3174. | 0.0 | 0 |
| 31 | Multiple glassy dynamics in dipole functionalized triphenylene-based discotic liquid crystals revealed by broadband dielectric spectroscopy and advanced calorimetry – assessment of the molecular origin. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18265-18277. | 1.3 | 12 |
| 32 | Nondestructive high-throughput screening of nanopore geometry in porous membranes by imbibition. <i>Applied Physics Letters</i> , 2019, 115, . | 1.5 | 11 |
| 33 | Collective orientational order and phase behavior of a discotic liquid crystal under nanoscale confinement. <i>Nanoscale Advances</i> , 2019, 1, 1104-1116. | 2.2 | 19 |
| 34 | Natural and Chemically Modified Post-Mining Clays – Structural and Surface Properties and Preliminary Tests on Copper Sorption. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 704. | 0.8 | 9 |
| 35 | Self-assembly of liquid crystals in nanoporous solids for adaptive photonic metamaterials. <i>Nanoscale</i> , 2019, 11, 23304-23317. | 2.8 | 23 |
| 36 | Capillarity-Driven Oil Flow in Nanopores: Darcy Scale Analysis of Lucas – Washburn Imbibition Dynamics. <i>Transport in Porous Media</i> , 2019, 126, 599-614. | 1.2 | 26 |

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|----|---|-----|-----------|
| 37 | AFM Study of Elastic Module of Physical-Vapor-Deposited Phospholipid Membranes. Biophysical Journal, 2018, 114, 105a. | 0.2 | 0 |
| 38 | Quantized Self-Assembly of Discotic Rings in a Liquid Crystal Confined in Nanopores. Physical Review Letters, 2018, 120, 067801. | 2.9 | 42 |
| 39 | Dynamics and ionic conductivity of ionic liquid crystals forming a hexagonal columnar mesophase. Physical Chemistry Chemical Physics, 2018, 20, 5626-5635. | 1.3 | 31 |
| 40 | Molecular Ordering of Nematic Liquid Crystals in Tubular Nanopores: Tailoring of Optical Anisotropy at the Nanoscale by Polymer Pore-surface Grafting. , 2018, , . | | 0 |
| 41 | Application of retardation-modulation polarimetry in studies of nanocomposite materials. , 2018, , . | | 1 |
| 42 | Elastocapillarity in nanopores: Sorption strain from the actions of surface tension and surface stress. Physical Review Materials, 2018, 2, . | 0.9 | 18 |
| 43 | The structural and surface properties of natural and modified coal gangue. Journal of Environmental Management, 2017, 190, 80-90. | 3.8 | 111 |
| 44 | Adsorption-induced deformation of nanoporous materialsâ€™ A review. Applied Physics Reviews, 2017, 4, . | 5.5 | 189 |
| 45 | A ferroelectric liquid crystal confined in cylindrical nanopores: reversible smectic layer buckling, enhanced light rotation and extremely fast electro-optically active Goldstone excitations. Nanoscale, 2017, 9, 19086-19099. | 2.8 | 22 |
| 46 | Annealing effect on thermodynamic and physical properties of mesoporous silicon: A simulation and nitrogen sorption study. AIP Conference Proceedings, 2016, , . | 0.3 | 0 |
| 47 | Chiral Phases of a Confined Cholesteric Liquid Crystal: Anchoring-Dependent Helical and Smectic Self-Assembly in Nanochannels. Journal of Physical Chemistry C, 2016, 120, 11727-11738. | 1.5 | 16 |
| 48 | Dynamic mechanical analysis of supercooled water in nanoporous confinement. Europhysics Letters, 2016, 115, 46001. | 0.7 | 10 |
| 49 | Hydraulic transport across hydrophilic and hydrophobic nanopores: Flow experiments with water and hexane . Physical Review E, 2016, 93, 013102. | 0.8 | 47 |
| 50 | Two-Step Freezing in Alkane Monolayers on Colloidal Silica Nanoparticles: From a Stretched-Liquid to an Interface-Frozen State. Journal of Physical Chemistry B, 2016, 120, 7522-7528. | 1.2 | 7 |
| 51 | Formation of Periodically Arranged Nanobubbles in Mesopores: Capillary Bridge Formation and Cavitation during Sorption and Solidification in an Hierarchical Porous SBA-15 Matrix. Langmuir, 2016, 32, 2928-2936. | 1.6 | 13 |
| 52 | Surface Morphology of Vapor-Deposited Chitosan: Evidence of Solid-State Dewetting during the Formation of Biopolymer Films. Biomacromolecules, 2016, 17, 1142-1149. | 2.6 | 3 |
| 53 | Capillary rise dynamics of liquid hydrocarbons in mesoporous silica as explored by gravimetry, optical and neutron imaging: Nano-rheology and determination of pore size distributions from the shape of imbibition fronts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 496, 13-27. | 2.3 | 49 |
| 54 | Elastic response of mesoporous silicon to capillary pressures in the pores. Applied Physics Letters, 2015, 106, . | 1.5 | 64 |

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|----|--|-----|-----------|
| 55 | pH-Dependent Selective Protein Adsorption into Mesoporous Silica. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27072-27079. | 1.5 | 62 |
| 56 | Soft matter in hard confinement: phase transition thermodynamics, structure, texture, diffusion and flow in nanoporous media. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 103102. | 0.7 | 205 |
| 57 | High-resolution dielectric study reveals pore-size-dependent orientational order of a discotic liquid crystal confined in tubular nanopores. <i>Physical Review E</i> , 2015, 92, 012503. | 0.8 | 8 |
| 58 | Inhomogeneous relaxation dynamics and phase behaviour of a liquid crystal confined in a nanoporous solid. <i>Soft Matter</i> , 2015, 11, 3176-3187. | 1.2 | 15 |
| 59 | Thermotropic interface and core relaxation dynamics of liquid crystals in silica glass nanochannels: a dielectric spectroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22115-22124. | 1.3 | 12 |
| 60 | Solid phases of spatially nanoconfined oxygen: A neutron scattering study. <i>Journal of Chemical Physics</i> , 2014, 140, 024705. | 1.2 | 6 |
| 61 | Molecular dynamics of pyrene based discotic liquid crystals confined in nanopores probed by incoherent quasielastic neutron scattering. <i>RSC Advances</i> , 2014, 4, 59358-59369. | 1.7 | 15 |
| 62 | Self-Assembly of Gold Nanoparticles at the Oil-Vapor Interface: From Mono- to Multilayers. <i>Langmuir</i> , 2014, 30, 13176-13181. | 1.6 | 10 |
| 63 | Vibrational density of states of triphenylene based discotic liquid crystals: dependence on the length of the alkyl chain. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7324-7333. | 1.3 | 39 |
| 64 | Thermotropic orientational order of discotic liquid crystals in nanochannels: an optical polarimetry study and a Landau-de Gennes analysis. <i>Soft Matter</i> , 2014, 10, 4522-4534. | 1.2 | 33 |
| 65 | Towards bio-silicon interfaces: Formation of an ultra-thin self-hydrated artificial membrane composed of dipalmitoylphosphatidylcholine (DPPC) and chitosan deposited in high vacuum from the gas-phase. <i>Journal of Chemical Physics</i> , 2014, 141, 104201. | 1.2 | 9 |
| 66 | Spatial Variation of Molecular Dynamics in the Nanoconfined Glass-Former Methanol. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12548-12554. | 1.5 | 10 |
| 67 | Switchable imbibition in nanoporous gold. <i>Nature Communications</i> , 2014, 5, 4237. | 5.8 | 102 |
| 68 | Spontaneous Formation of Nanopatterns in Velocity-Dependent Dip-Coated Organic Films: From Dragonflies to Stripes. <i>ACS Nano</i> , 2014, 8, 9954-9963. | 7.3 | 30 |
| 69 | Protein Adsorption into Mesopores: A Combination of Electrostatic Interaction, Counterion Release, and van der Waals Forces. <i>Langmuir</i> , 2014, 30, 2729-2737. | 1.6 | 61 |
| 70 | Paranematic-to-nematic ordering of a binary mixture of rodlike liquid crystals confined in cylindrical nanochannels. <i>Physical Review E</i> , 2014, 89, 062501. | 0.8 | 28 |
| 71 | Molecular ordering of the discotic liquid crystal HAT6 confined in mesoporous solids. <i>Microporous and Mesoporous Materials</i> , 2014, 197, 26-32. | 2.2 | 13 |
| 72 | Thermotropic nematic order upon nanocapillary filling. <i>Physical Review E</i> , 2013, 87, 042502. | 0.8 | 21 |

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|----|---|-----|-----------|
| 73 | Molecular dynamics of n-hexane: A quasi-elastic neutron scattering study on the bulk and spatially nanochannel-confined liquid. <i>Journal of Chemical Physics</i> , 2012, 136, 124505. | 1.2 | 28 |
| 74 | Influence of nanoconfinement on the nematic behavior of liquid crystals. <i>Physical Review E</i> , 2012, 86, 021701. | 0.8 | 28 |
| 75 | Capillary condensation, freezing, and melting in silica nanopores: A sorption isotherm and scanning calorimetry study on nitrogen in mesoporous SBA-15. <i>Physical Review B</i> , 2012, 85, . | 1.1 | 16 |
| 76 | Structure and Phase Behavior of a Discotic Columnar Liquid Crystal Confined in Nanochannels. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18990-18998. | 1.5 | 45 |
| 77 | Anomalous front broadening during spontaneous imbibition in a matrix with elongated pores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10245-10250. | 3.3 | 110 |
| 78 | Absolute determination of the orientational order quality in a columnar discotic liquid crystal. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1349, 151701. | 0.1 | 0 |
| 79 | LSND reloaded. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 359-361. | 1.5 | 13 |
| 80 | Transition from van der Waals to H Bond Dominated Interaction inn-Propanol Physisorbed on Graphite. <i>Physical Review Letters</i> , 2011, 106, 156103. | 2.9 | 3 |
| 81 | Imbibition in mesoporous silica: rheological concepts and experiments on water and a liquid crystal. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 184109. | 0.7 | 42 |
| 82 | Size-dependent freezing of n-alcohols in silicon nanochannels. <i>European Physical Journal: Special Topics</i> , 2010, 189, 239-249. | 1.2 | 14 |
| 83 | Quenching of Reducing Properties of Mesoporous Silicon and Its Use as Template for Metal/Semiconductor Deposition. <i>Journal of the Electrochemical Society</i> , 2010, 157, D172. | 1.3 | 13 |
| 84 | Orientational order in liquids upon condensation in nanochannels: An optical birefringence study on rodlike and dislike molecules in monolithic mesoporous silica. <i>Physical Review B</i> , 2010, 82, . | 1.1 | 7 |
| 85 | Thermotropic nematic and smectic order in silica glass nanochannels. <i>Applied Physics Letters</i> , 2010, 97, . | 1.5 | 41 |
| 86 | Criticality of an isotropic-to-smectic transition induced by anisotropic quenched disorder. <i>Physical Review E</i> , 2010, 81, 031703. | 0.8 | 27 |
| 87 | Collective molecular reorientation of a calamitic liquid crystal (12CB) confined in alumina nanochannels. <i>Physical Review E</i> , 2010, 82, 011706. | 0.8 | 31 |
| 88 | Polymer Dynamics in Nanochannels of Porous Silicon: A Neutron Spin Echo Study. <i>Macromolecules</i> , 2010, 43, 8162-8169. | 2.2 | 32 |
| 89 | Evidence of a Sticky Boundary Layer in Nanochannels: A Neutron Spin Echo Study of <i>n</i> -Hexatriacontane and Poly(ethylene oxide) Confined in Porous Silicon. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3116-3121. | 2.1 | 48 |
| 90 | Polymorphism of the glass former ethanol confined in mesoporous silicon. <i>Philosophical Magazine Letters</i> , 2010, 90, 481-491. | 0.5 | 7 |

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|-----|---|-----|-----------|
| 91 | Phase transitions and molecular dynamics of n -hexadecanol confined in silicon nanochannels. Physical Review B, 2009, 79, . | 1.1 | 31 |
| 92 | Spontaneous Imbibition Dynamics of an n -Alkane in Nanopores: Evidence of Meniscus Freezing and Monolayer Sticking. Physical Review Letters, 2009, 103, 174501. | 2.9 | 63 |
| 93 | Preferred orientation of n -hexane crystallized in silicon nanochannels: A combined x-ray diffraction and sorption isotherm study. Physical Review E, 2009, 79, 032601. | 0.8 | 35 |
| 94 | Liquid n -hexane condensed in silica nanochannels: A combined optical birefringence and vapor sorption isotherm study. Physical Review B, 2009, 80, . | 1.1 | 23 |
| 95 | Comparison of the Monolayer Formation of Fluorinated and Nonfluorinated Amphiphilic Block Copolymers at the Air-Water Interface. Journal of Physical Chemistry B, 2009, 113, 11841-11847. | 1.2 | 7 |
| 96 | Capillary rise of water in hydrophilic nanopores. Physical Review E, 2009, 79, 067301. | 0.8 | 157 |
| 97 | Rich polymorphism of a rod-like liquid crystal (8CB) confined in two types of unidirectional nanopores. European Physical Journal E, 2008, 26, 261-273. | 0.7 | 37 |
| 98 | Knudsen Diffusion in Silicon Nanochannels. Physical Review Letters, 2008, 100, 064502. | 2.9 | 103 |
| 99 | Crystallization of medium-length 1-alcohols in mesoporous silicon: An x-ray diffraction study. Physical Review E, 2008, 77, 042602. | 0.8 | 38 |
| 100 | Continuous Paranematic-to-Nematic Ordering Transitions of Liquid Crystals in Tubular Silica Nanochannels. Physical Review Letters, 2008, 101, 187801. | 2.9 | 103 |
| 101 | Melting and Freezing of Argon in a Granular Packing of Linear Mesopore Arrays. Physical Review Letters, 2008, 100, 175701. | 2.9 | 32 |
| 102 | Dynamics and critical damping of capillary waves in an ionic liquid. Physical Review E, 2008, 77, 060601. | 0.8 | 14 |
| 103 | Tuning the pore wall morphology of mesoporous silicon from branchy to smooth, tubular by chemical treatment. Journal of Applied Physics, 2008, 103, . | 1.1 | 48 |
| 104 | Thermodynamic and Structural Investigations of Condensates of Small Molecules in Mesopores. Zeitschrift Fur Physikalische Chemie, 2008, 222, 257-285. | 1.4 | 34 |
| 105 | Thermodynamic and Structural Investigations of Condensates of Small Molecules in Mesopores. , 2008, , 33-61. | | 0 |
| 106 | Effect of Etching Parameter on Pore Size and Porosity of Electrochemically Formed Nanoporous Silicon. Journal of Nanomaterials, 2007, 2007, 1-4. | 1.5 | 22 |
| 107 | Preferred orientations and stability of medium length n -alkanes solidified in mesoporous silicon. Physical Review E, 2007, 75, 021607. | 0.8 | 76 |
| 108 | Nucleation and growth of copper on mesoporous silicon by immersion plating. Journal Physics D: Applied Physics, 2007, 40, 2864-2869. | 1.3 | 14 |

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|-----|---|-----|-----------|
| 109 | Rheology of liquids in nanopores: A study on the capillary rise of water, n-Hexadecane and n-Tetracosane in mesoporous silica. European Physical Journal: Special Topics, 2007, 141, 101-105. | 1.2 | 79 |
| 110 | Structural transformations of even-numbered n-alkanes confined in mesopores. Physical Review E, 2006, 74, 031610. | 0.8 | 61 |
| 111 | Triple Point Behavior of Ar and N ₂ in Mesopores. Journal of Low Temperature Physics, 2005, 140, 91-103. | 0.6 | 13 |
| 112 | Solidified Fillings of Nanopores. Materials Research Society Symposia Proceedings, 2005, 876, 1. | 0.1 | 0 |
| 113 | Capillary sublimation of Ar in mesoporous glass. Physical Review B, 2005, 71, . | 1.1 | 10 |
| 114 | Small-angle x-ray diffraction of Kr in mesoporous silica: Effects of microporosity and surface roughness. Physical Review B, 2005, 72, . | 1.1 | 69 |
| 115 | Spontaneous Imbibition of Liquids into Nanopores. Materials Research Society Symposia Proceedings, 2005, 899, 1. | 0.1 | 2 |
| 116 | Faraday Instability in a Surface-Frozen Liquid. Physical Review Letters, 2005, 94, 184504. | 2.9 | 16 |
| 117 | Optical Transmission Measurements on Phase Transitions of O ₂ and CO in Mesoporous Glass. Journal of Low Temperature Physics, 2004, 134, 1043-1053. | 0.6 | 8 |
| 118 | Quenching of lamellar ordering in an n-alkane embedded in nanopores. Europhysics Letters, 2004, 65, 351-357. | 0.7 | 86 |
| 119 | Are solidified fillings of mesopores basically bulk-like except for the geometric confinement?. European Physical Journal E, 2003, 12, 51-56. | 0.7 | 18 |
| 120 | Short-range wetting at liquid gallium-bismuth alloy surfaces: X-ray measurements and square-gradient theory. Physical Review B, 2003, 68, . | 1.1 | 25 |
| 121 | X-ray study of the liquid potassium surface: Structure and capillary wave excitations. Physical Review B, 2003, 67, . | 1.1 | 81 |
| 122 | How do rod-like molecules freeze and arrange in mesopores?. Journal of Physics Condensed Matter, 2003, 15, S309-S314. | 0.7 | 6 |
| 123 | Freezing and melting of Ar in mesopores studied by optical transmission. Physical Review B, 2003, 67, . | 1.1 | 44 |
| 124 | Tetra Point Wetting at the Free Surface of Liquid Ga-Bi. Physical Review Letters, 2002, 89, 035502. | 2.9 | 21 |
| 125 | Wetting behavior at the free surface of a liquid gallium-bismuth alloy: an X-ray reflectivity study close to the bulk monotectic point. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 206, 515-520. | 2.3 | 6 |
| 126 | Wetting of hydrocarbon liquid surfaces by fluorocarbon vapor: a microscopic study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 206, 293-297. | 2.3 | 6 |

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|-----|---|-----|-----------|
| 127 | Solid Ar, N ₂ , CO, and O ₂ in Nanopores. Journal of Low Temperature Physics, 2001, 122, 313-322. | 0.6 | 14 |
| 128 | Pairing Interactions and Gibbs Adsorption at the Liquid Bi-In Surface: A Resonant X-Ray Reflectivity Study. Physical Review Letters, 2001, 86, 1538-1541. | 2.9 | 35 |
| 129 | Diffraction study of solid oxygen embedded in porous glasses. Physical Review B, 2001, 64, . | 1.1 | 33 |
| 130 | Solid N ₂ and CO in nanoporous glasses. Physical Review B, 1999, 60, 12666-12674. | 1.1 | 32 |
| 131 | Adsorption-desorption isotherms and x-ray diffraction of Ar condensed into a porous glass matrix. Physical Review B, 1999, 60, 12657-12665. | 1.1 | 100 |
| 132 | Adsorption Isotherms and Infrared Spectroscopy Study of Nitrogen Condensed in Porous Glasses. Journal of Low Temperature Physics, 1998, 113, 19-29. | 0.6 | 9 |
| 133 | Phases and phase transitions of KPF ₆ . Ferroelectrics, 1997, 203, 211-219. | 0.3 | 5 |