

Electric field depinning of charge density waves

Physical Review B

19, 3970-3980

DOI: [10.1103/physrevb.19.3970](https://doi.org/10.1103/physrevb.19.3970)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dynamics of charge-density waves in the presence of free carriers. Physical Review B, 1979, 20, 1345-1352. | 1.1 | 67 |
| 2 | Dynamical friction in sliding condensed-matter systems. Physical Review B, 1979, 20, 5071-5083. | 1.1 | 25 |
| 3 | Chaotic States of Anharmonic Systems in Periodic Fields. Physical Review Letters, 1979, 43, 1743-1747. | 2.9 | 272 |
| 4 | Theory of Non-Ohmic Conduction from Charge-Density Waves in NbSe ₃ . Physical Review Letters, 1979, 42, 1498-1500. | 2.9 | 251 |
| 5 | Sliding-Mode Conductivity in NbSe ₃ : Observation of a Threshold Electric Field and Conduction Noise. Physical Review Letters, 1979, 42, 1423-1426. | 2.9 | 449 |
| 6 | Charge density waves in transition metal compounds. , 1979, , 393-411. | | 8 |
| 7 | Instabilite de glissement d'une onde de densite de charge. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 76, 430-432. | 0.9 | 7 |
| 8 | Temperature and pressure dependence of the non-linear properties of NbSe ₃ . Solid State Communications, 1980, 33, 635-639. | 0.9 | 36 |
| 9 | Search for a sliding charge density wave in layered compounds. Solid State Communications, 1980, 35, 685-687. | 0.9 | 10 |
| 10 | Non-ohmic conductivity and pinning of charge-density waves in NbSe ₃ . Journal of Physics F: Metal Physics, 1980, 10, L81-L87. | 1.6 | 14 |
| 11 | Observation of the Meissner Effect in an Organic Superconductor. Physical Review Letters, 1980, 45, 1449-1452. | 2.9 | 123 |
| 12 | Restoration of Metallic Behavior in Organic Conductors by Small Electric Fields. Physical Review Letters, 1980, 45, 829-832. | 2.9 | 117 |
| 13 | Frequency-Dependent Conductivity in NbSe ₃ . Physical Review Letters, 1980, 45, 935-938. | 2.9 | 145 |
| 14 | Phase-locked charge-density waves in NbSe ₃ . Physical Review B, 1980, 22, 4543-4549. | 1.1 | 17 |
| 15 | Electric-field depinning of charge-density waves in NbSe ₃ . Physical Review B, 1980, 22, 5606-5612. | 1.1 | 117 |
| 16 | Tunneling Theory of Charge-Density-Wave Depinning. Physical Review Letters, 1980, 45, 1978-1980. | 2.9 | 286 |
| 17 | Time-Dependent Images in Transmission Electron Microscopy Associated with the Phase Transitions of NbSe ₃ . Physical Review Letters, 1980, 45, 1696-1699. | 2.9 | 74 |
| 18 | Interference Effects of the Charge-Density-Wave Motion in NbSe ₃ . Physical Review Letters, 1980, 45, 43-46. | 2.9 | 229 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Molecular-dynamical studies of the depinning of charge-density waves. <i>Physical Review B</i> , 1981, 23, 1992-1998. | 1.1 | 64 |
| 20 | Microwave harmonic mixing by pinned charge density waves in NbSe ₃ . <i>Synthetic Metals</i> , 1981, 4, 91-98. | 2.1 | 6 |
| 21 | Hall Effect of NbSe ₃ in the Non-Ohmic Regimes below 58 K and 142 K CDW Transitions. <i>Journal of the Physical Society of Japan</i> , 1981, 50, 1992-1997. | 0.7 | 16 |
| 22 | On the interpretation of the NbSe ₃ conductivity in terms of Fröhlich mode motion. <i>Journal of Low Temperature Physics</i> , 1981, 42, 101-118. | 0.6 | 18 |
| 23 | Sliding charge density waves. <i>Nature</i> , 1981, 291, 11-12. | 13.7 | 10 |
| 24 | Thermopower of doped and damaged NbSe ₃ . <i>Solid State Communications</i> , 1981, 39, 553-557. | 0.9 | 31 |
| 25 | Thermal conductivity of NbSe ₃ . <i>Solid State Communications</i> , 1981, 39, 233-237. | 0.9 | 16 |
| 26 | Calorimetric study of the phase transitions in niobium triselenide NbSe ₃ . <i>Solid State Communications</i> , 1981, 38, 109-112. | 0.9 | 50 |
| 27 | Frequency pulling and heterodyning observed in voltage spectrum of the Fröhlich conductor NbSe ₃ . <i>Solid State Communications</i> , 1981, 37, 25-31. | 0.9 | 21 |
| 28 | Transient non-linear phenomena and metastable states of charge-density waves in niobium triselenide. <i>Solid State Communications</i> , 1981, 39, 1203-1208. | 0.9 | 137 |
| 29 | Frequency-dependent conductivity in niobium triselenide: Results and analysis. <i>Solid State Communications</i> , 1981, 37, 459-464. | 0.9 | 14 |
| 30 | Impurity pinning of discommensurations in charge-density waves. <i>Physical Review B</i> , 1981, 24, 2751-2759. | 1.1 | 60 |
| 31 | Nonlinear conductivity in bis-tetramethyltetraselenafulvalene hexafluorophosphate [(TMTSF) ₂ PF ₆]. <i>Physical Review B</i> , 1981, 24, 4883-4885. | 1.1 | 8 |
| 32 | Interface roughening and random-field instabilities in Ising systems in three or less dimensions. <i>Physical Review B</i> , 1981, 24, 6736-6739. | 1.1 | 88 |
| 33 | Effect of radiation damage on the charge-density-wave dynamics in NbSe ₃ . <i>Physical Review B</i> , 1981, 23, 6259-6264. | 1.1 | 44 |
| 34 | Impurity effect on the Fröhlich conductivity in NbSe ₃ . <i>Physical Review B</i> , 1981, 23, 1517-1526. | 1.1 | 114 |
| 35 | Electron-phason scattering in Peierls-distorted quasi-one-dimensional systems. <i>Physical Review B</i> , 1981, 23, 5638-5641. | 1.1 | 1 |
| 36 | Hall effect of sliding condensate in NbSe ₃ . <i>Physical Review B</i> , 1981, 23, 5607-5610. | 1.1 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Effect of electron irradiation on the non-linear properties of NbSe ₃ . Journal of Physics C: Solid State Physics, 1981, 14, 2995-3004. | 1.5 | 19 |
| 38 | Electron states in one-dimensional niobium chalcogenides: NbSe ₃ and FeNb ₃ Se ₁₀ . Journal of Physics C: Solid State Physics, 1982, 15, 3069-3077. | 1.5 | 28 |
| 39 | Effect of radiation damage on the metal-insulator transition and low-temperature transport in the tetramethyltetraselenofulvalinium PF ₆ salt [(TMTSF) ₂ PF ₆]. Physical Review B, 1982, 25, 6208-6217. | 1.1 | 87 |
| 40 | Charge-density-wave dynamics and noise: NbSe ₃ . Physical Review B, 1982, 25, 7856-7859. | 1.1 | 9 |
| 41 | Metastable States and CDW Conductivity in NbSe ₃ . Molecular Crystals and Liquid Crystals, 1982, 81, 73-82. | 0.9 | 20 |
| 42 | Microstructure in the incommensurate and the commensurate charge-density-wave states of 2H-TaSe ₂ : A direct observation by electron microscopy. Physical Review B, 1982, 26, 184-205. | 1.1 | 137 |
| 43 | Sliding Conductivity of Charge-Density Waves. Physical Review Letters, 1982, 49, 292-295. | 2.9 | 289 |
| 44 | Classical Model of Charge Density Wave Transport. Molecular Crystals and Liquid Crystals, 1982, 81, 59-72. | 0.9 | 14 |
| 45 | Depinning of CHARGE-DENSITY WAVES BY TUNNELING. Molecular Crystals and Liquid Crystals, 1982, 81, 1-15. | 0.9 | 30 |
| 46 | Dynamical Properties of the CDWs in NbSe ₃ . Molecular Crystals and Liquid Crystals, 1982, 81, 49-58. | 0.9 | 0 |
| 47 | Study of the Differential Resistance dV/dI as a Function of the Electric Field in the CDW State of NbSe ₃ . Molecular Crystals and Liquid Crystals, 1982, 81, 83-90. | 0.9 | 1 |
| 48 | f _{1±} noise in NbSe ₃ . Journal of Physics C: Solid State Physics, 1982, 15, 7157-7164. | 1.5 | 33 |
| 49 | High Electric Field Transport In (TMTSF) ₂ Pf ₆ [Bis-Tetramethyltetraselenafulvalene Hexafluorophosphate] at Low Temperatures. Molecular Crystals and Liquid Crystals, 1982, 79, 451-465. | 0.9 | 14 |
| 50 | Magnetotransport and Nonlinear Effects In (TMTSF) ₂ PF ₆ . Molecular Crystals and Liquid Crystals, 1982, 79, 435-450. | 0.9 | 23 |
| 51 | Charge-density-wave motion in NbSe ₃ . I. Studies of the differential resistance dV/dI. Physical Review B, 1982, 25, 931-947. | 1.1 | 198 |
| 52 | Current Oscillations and Stability of Charge-Density-Wave Motion in NbSe ₃ . Physical Review Letters, 1982, 49, 493-496. | 2.9 | 77 |
| 53 | Metastability of the Q Vector of Pinned Charge- and Spin-Density Waves. Physical Review Letters, 1982, 48, 44-47. | 2.9 | 61 |
| 54 | Irradiation Effects and the Role of Disorder in Low Dimensional Conductors. Molecular Crystals and Liquid Crystals, 1982, 85, 1-18. | 0.9 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Charge Density Wave Dynamics in NbSe ₃ and TaS ₃ . Molecular Crystals and Liquid Crystals, 1982, 81, 17-29. | 0.9 | 18 |
| 56 | Singularité du pouvoir thermoélectrique de NbSe ₃ à la transition T ₁ . Journal De Physique, 1982, 43, 675-679. | 1.8 | 3 |
| 57 | Electronic properties of two-dimensional systems. Reviews of Modern Physics, 1982, 54, 437-672. | 16.4 | 6,844 |
| 58 | XPS study of one-dimensional compounds: TiS ₃ . Journal of Solid State Chemistry, 1982, 44, 268-272. | 1.4 | 24 |
| 59 | Nonlinear conductivity and narrow band noise in NbSe ₃ . Solid State Communications, 1982, 43, 583-586. | 0.9 | 39 |
| 60 | The non-linear response of NbSe ₃ to pulsed electric fields. Solid State Communications, 1982, 43, 167-170. | 0.9 | 64 |
| 61 | Thermoelectric power of TaS ₃ . Solid State Communications, 1982, 43, 207-208. | 0.9 | 15 |
| 62 | Charge-density-wave conductivity in NbSe ₃ . Solid State Communications, 1982, 44, 1535-1538. | 0.9 | 25 |
| 63 | A.C.↔D.C. coupling of the motion of charge density waves in NbSe ₃ . Solid State Communications, 1982, 41, 609-612. | 0.9 | 5 |
| 64 | Low temperature specific heat of NbSe ₃ . Solid State Communications, 1982, 41, 911-915. | 0.9 | 30 |
| 65 | Transport properties of NbSe ₃ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 109-110, 1890-1900. | 0.9 | 14 |
| 66 | Harmonic mixing in the classical charge density wave model above threshold. European Physical Journal B, 1983, 53, 167-173. | 0.6 | 17 |
| 67 | Effect of viscosity on collective zener tunneling in charge density wave systems. European Physical Journal B, 1983, 50, 23-32. | 0.6 | 13 |
| 68 | Computer simulation of vortex pinning in type II superconductors. I. Two-dimensional simulation. Journal of Low Temperature Physics, 1983, 53, 41-70. | 0.6 | 88 |
| 69 | Nonlinear and frequency-dependent transport phenomena in low-dimensional conductors. Physica D: Nonlinear Phenomena, 1983, 8, 1-34. | 1.3 | 17 |
| 70 | Broad band noise associated with the current carrying charge density wave state in TaS ₃ . Solid State Communications, 1983, 46, 29-32. | 0.9 | 37 |
| 71 | Quasiperiodic noise voltage and metastability in the charge density wave conductivity of K _{0.30} MoO ₃ . Solid State Communications, 1983, 45, 885-888. | 0.9 | 49 |
| 72 | Charge density wave transport in (TaSe ₄) ₂ I. Solid State Communications, 1983, 46, 325-328. | 0.9 | 146 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | On the nonlinear field-effect of orthorhombic TaS ₃ . Solid State Communications, 1983, 48, 369-371. | 0.9 | 2 |
| 74 | Memory effects in orthorhombic TaS ₃ . Solid State Communications, 1983, 48, 449-452. | 0.9 | 31 |
| 75 | Size dependence of current oscillations in the charge density wave compound (TaSe ₄) ₂ I. Solid State Communications, 1983, 48, 453-455. | 0.9 | 27 |
| 76 | Electronic structure for sliding charge density waves. Journal of Physics and Chemistry of Solids, 1983, 44, 691-695. | 1.9 | 1 |
| 77 | Dynamics of Charge-Density Waves Pinned by Impurities. Physical Review Letters, 1983, 51, 47-50. | 2.9 | 94 |
| 78 | Nonlinear ac dynamics of charge-density-wave condensate in NbSe ₃ . Physical Review B, 1983, 27, 1417-1419. | 1.1 | 17 |
| 79 | A controversial problem: modified Ising model in a random field. Journal of Physics C: Solid State Physics, 1983, 16, 6153-6178. | 1.5 | 52 |
| 80 | Charge-density waves in the quasi-one-dimensional compounds NbTe ₄ and TaTe ₄ . Journal of Physics C: Solid State Physics, 1983, 16, 1067-1076. | 1.5 | 88 |
| 81 | Time-dependent strandlike domains in the charge-density-wave states of NbSe ₃ : An effect not induced by electric field. Physical Review B, 1983, 27, 4459-4462. | 1.1 | 14 |
| 82 | Evidence for one-half charge-density-wave wavelength pinning periodicity in Peierls conductors. Physical Review B, 1983, 28, 1646-1648. | 1.1 | 49 |
| 83 | Volume Dependence of Current Oscillations in NbSe ₃ : A Finite-Size Effect. Physical Review Letters, 1983, 51, 2206-2209. | 2.9 | 76 |
| 84 | Nonlinear conductivity and noise spectrum of a pinned charge-density wave. Physical Review B, 1983, 28, 5863-5865. | 1.1 | 95 |
| 85 | Macroscopic coherence length of charge-density waves in orthorhombic TaS ₃ . Physical Review B, 1983, 28, 4896-4899. | 1.1 | 35 |
| 86 | Transient nonlinear conduction and switching due to charge-density waves in Fe-doped NbSe ₃ . Physical Review B, 1983, 28, 6659-6669. | 1.1 | 22 |
| 87 | Threshold Behavior of Charge-Density Waves Pinned by Impurities. Physical Review Letters, 1983, 50, 1486-1489. | 2.9 | 300 |
| 88 | Theory of Josephson-Type Oscillations in a Moving Charge-Density Wave. Physical Review Letters, 1983, 51, 1003-1006. | 2.9 | 73 |
| 89 | Charge-density-wave transport in orthorhombic TaS ₃ . III. Narrow-band "noise". Physical Review B, 1983, 28, 2091-2103. | 1.1 | 32 |
| 90 | C. D. W. Phase Transition in NbSe ₃ and Related Compounds. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1983, 87, 263-268. | 0.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Charge density wave transport in irradiated orthorhombic TaS ₃ . Journal De Physique (Paris), Lettres, 1984, 45, 113-119. | 2.8 | 18 |
| 92 | Phase coherence in the current-carrying charge-density-wave state: ac-dc coupling experiments in NbSe ₃ . Physical Review B, 1984, 29, 755-767. | 1.1 | 137 |
| 93 | Stress dependence of the charge-density-wave transitions in NbSe ₃ and TaS ₃ . Physical Review B, 1984, 29, 5656-5662. | 1.1 | 52 |
| 94 | Thermally Stimulated Depolarization of the Charge-Density Wave in K _{0.3} MoO ₃ . Physical Review Letters, 1984, 53, 1677-1680. | 2.9 | 81 |
| 95 | Charge-density-wave-phase "mode" evidence in one-dimensional K _{0.3} MoO ₃ . Physical Review B, 1984, 30, 1971-1978. | 1.1 | 90 |
| 96 | Klemm and Schrieffer Respond. Physical Review Letters, 1984, 52, 482-482. | 2.9 | 9 |
| 97 | Electric Field Dependence of the Magnetoresistance in NbSe ₃ and Fe _x NbSe ₃ . Physical Review Letters, 1984, 52, 1721-1724. | 2.9 | 9 |
| 98 | Spontaneous Decay of Metastable States in Orthorhombic TaS ₃ . Physical Review Letters, 1984, 52, 149-151. | 2.9 | 98 |
| 99 | Dynamics of an incommensurate harmonic chain. Physical Review B, 1984, 30, 410-412. | 1.1 | 30 |
| 100 | Josephson-type oscillations in a moving charge-density wave interacting with magnetic impurities. Physical Review B, 1984, 29, 6525-6529. | 1.1 | 8 |
| 101 | Dynamics of charge-density waves pinned by impurities. Physical Review B, 1984, 29, 5972-5975. | 1.1 | 3 |
| 102 | High-Q-resolution scattering using synchrotron x radiation: 2H-TaSe ₂ and NbSe ₃ . Physical Review B, 1984, 30, 1877-1883. | 1.1 | 55 |
| 103 | Theory of anomalous electrical conduction in NbSe ₃ . Physical Review B, 1984, 29, 6977-6980. | 1.1 | 12 |
| 104 | Dramatic impurity effects on the charge-density wave in potassium molybdenum bronze. Physical Review B, 1984, 30, 4297-4301. | 1.1 | 51 |
| 105 | Comment on "Dynamics of Charge-Density Waves Pinned by Impurities". Physical Review Letters, 1984, 52, 481-481. | 2.9 | 8 |
| 106 | Vortex-Array Model for Charge-Density-Wave Conduction Noise. Physical Review Letters, 1984, 52, 663-666. | 2.9 | 209 |
| 107 | Soliton theory of charge-density-wave depinning. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1984, 126, 342-345. | 0.9 | 3 |
| 108 | Charge density wave transport in linear chain compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1984, 126, 400-408. | 0.9 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Sliding charge density waves as a dynamic critical phenomenon. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1984, 126, 409-413. | 0.9 | 3 |
| 110 | Spectrum of the quasiperiodic noise in NbSe ₃ . <i>Solid State Communications</i> , 1984, 50, 967-970. | 0.9 | 0 |
| 111 | The onset of current carrying charge density wave state in TaS ₃ : Switching, hysteresis, and oscillation phenomena. <i>Solid State Communications</i> , 1984, 50, 807-811. | 0.9 | 32 |
| 112 | Frequency- and bias-dependent ac conductivity of charge-density waves in TaS ₃ . <i>Solid State Communications</i> , 1984, 50, 833-836. | 0.9 | 12 |
| 113 | Pinning of charge density waves by irradiation induced defects in orthorhombic TaS ₃ . <i>Solid State Communications</i> , 1984, 49, 1009-1012. | 0.9 | 15 |
| 114 | Correlation between the static dielectric constant and threshold electric field for sliding charge density wave conduction. <i>Solid State Communications</i> , 1984, 49, 1013-1017. | 0.9 | 36 |
| 115 | Model for non-linear conductivity of charge-density waves with strong impurity pinning. <i>Solid State Communications</i> , 1984, 49, 19-22. | 0.9 | 29 |
| 116 | Dielectric constant and threshold electric field of charge-density-waves with strong impurity pinning. <i>Solid State Communications</i> , 1984, 51, 293-296. | 0.9 | 11 |
| 117 | An exactly solvable infinite-ranged model for sliding charge-density-waves. <i>Solid State Communications</i> , 1984, 52, 45-48. | 0.9 | 11 |
| 118 | Broadband current noise and ac induced current steps by a moving charge density wave domain. <i>European Physical Journal B</i> , 1984, 56, 241-246. | 0.6 | 23 |
| 119 | Sliding charge-density wave conductivity in potassium molybdenum bronze. <i>Journal of Solid State Chemistry</i> , 1984, 54, 358-364. | 1.4 | 29 |
| 120 | Dielectric response of the charge-density wave in K _{0.3} MoO ₃ . <i>Physical Review B</i> , 1984, 30, 3228-3239. | 1.1 | 203 |
| 121 | Sliding charge-density waves. I. dc properties. <i>Physical Review B</i> , 1984, 29, 719-724. | 1.1 | 150 |
| 122 | Charge density wave depinning in TaS ₃ . <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1984, 49, 385-426. | 0.6 | 37 |
| 123 | Phenomenology of current oscillations by sliding charge density waves. <i>Solid State Communications</i> , 1985, 54, 347-350. | 0.9 | 2 |
| 124 | Elastic properties of linear charge density wave materials in the regime of nonlinear conduction. <i>Solid State Communications</i> , 1985, 56, 421-424. | 0.9 | 47 |
| 125 | Transient electrical response of K _{0.30} MoO ₃ : Effects of isoelectronic dopants. <i>Solid State Communications</i> , 1985, 53, 505-508. | 0.9 | 22 |
| 126 | Dielectric response enhancement in the current carrying CDW state. <i>Solid State Communications</i> , 1985, 55, 663-666. | 0.9 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 127 | On the nature of threshold electric field in quasi-one-dimensional commensurate charge-density-waves. Solid State Communications, 1985, 55, 691-694. | 0.9 | 22 |
| 128 | Non-equilibrium transport in NbSe ₃ : Effects of a temperature gradient. Solid State Communications, 1985, 53, 649-653. | 0.9 | 25 |
| 129 | Sliding charge-density waves as a dynamic critical phenomenon. Physical Review B, 1985, 31, 1396-1427. | 1.1 | 572 |
| 130 | Dynamics of driven charge-density waves: Subharmonic Shapiro steps with devil's staircase structure. Solid State Communications, 1985, 54, 471-474. | 0.9 | 25 |
| 131 | Commensurate charge-density waves in a random potential. Solid State Communications, 1985, 55, 427-430. | 0.9 | 5 |
| 132 | Charge density wave conduction: A novel collective transport phenomenon in solids. Physics Reports, 1985, 119, 117-232. | 10.3 | 393 |
| 133 | Defected structural modulation in the charge density wave compounds 1T-TaS ₂ and 1T-TaSe ₂ . Journal De Physique (Paris), Lettres, 1985, 46, 507-511. | 2.8 | 7 |
| 134 | A criterion for two kinds of Peierls transitions. Chinese Physics Letters, 1985, 2, 141-144. | 1.3 | 13 |
| 135 | Dynamical threshold behaviour of a sliding charge density wave. Journal of Physics C: Solid State Physics, 1985, 18, 1641-1646. | 1.5 | 0 |
| 136 | The Dynamics of Charge Density Waves. Physica Scripta, 1985, 32, 11-25. | 1.2 | 10 |
| 137 | Impurity-Induced Pinning, Damping and Metastability of Interchain-Coupled Charge Density Waves. Journal of the Physical Society of Japan, 1985, 54, 3494-3505. | 0.7 | 31 |
| 138 | Depinning of Charge-Density Waves by Quantum Tunneling. , 1985, , 105-123. | | 3 |
| 139 | Dynamical Properties of Quasi-One-Dimensional Conductors: A Phase Hamiltonian Approach. , 1985, , 41-104. | | 40 |
| 140 | Solitons in One-Dimensional Systems. , 1985, , 125-193. | | 5 |
| 141 | Inertial Dynamics of Charge-Density Waves in TaS ₃ and NbSe ₃ . Physical Review Letters, 1985, 55, 1196-1199. | 2.9 | 68 |
| 142 | Dynamics of charge-density waves in orthorhombic TaS ₃ . Physical Review B, 1985, 31, 5229-5243. | 1.1 | 45 |
| 143 | Coherent Voltage Oscillations Induced by Sliding Charge-Density Waves: Interface or Bulk Phenomenon?. Physical Review Letters, 1985, 55, 742-745. | 2.9 | 36 |
| 144 | Ginzburg-Landau-Gor'kov Equations, Currents, and Electromagnetic Properties of Coexisting Charge-Density-Wave Superconductors. Physical Review Letters, 1985, 55, 1900-1903. | 2.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Effect of impurities on the dielectric response of the charge-density wave in $K_0.3MoO_3$. Physical Review B, 1985, 32, 4088-4096. | 1.1 | 30 |
| 146 | Transient charge-density-wave dynamics in $NbSe_3$. Physical Review B, 1985, 32, 8427-8430. | 1.1 | 14 |
| 147 | NMR study of the charge-density-wave state in single-crystal $Rb_0.30MoO_3$: The effect of an applied electric field. Physical Review B, 1985, 32, 1813-1815. | 1.1 | 8 |
| 148 | Commensurate-incommensurate transition in the charge-density-wave state of $K_0.30MoO_3$. Physical Review B, 1985, 31, 899-903. | 1.1 | 93 |
| 149 | Charge Density Wave Conduction Of Small Samples. Molecular Crystals and Liquid Crystals, 1985, 121, 95-98. | 0.9 | 0 |
| 150 | Macroscopic Quantum Tunneling in Quasi One-Dimensional Metals. II. Theory. Physical Review Letters, 1985, 55, 1010-1013. | 2.9 | 86 |
| 151 | Origin of Broadband Noise in Charge-Density-Wave Conductors. Physical Review Letters, 1985, 54, 2453-2456. | 2.9 | 72 |
| 152 | Macroscopic Quantum Tunneling in Quasi One-Dimensional Metals. I. Experiment. Physical Review Letters, 1985, 55, 1006-1009. | 2.9 | 54 |
| 154 | Classification of Disorder and Extrinsic Order in Polymers By Resonant Raman Scattering. Physical Review Letters, 1985, 54, 75-78. | 2.9 | 82 |
| 155 | Scaling behavior in the charge-density-wave conductivity of niobium triselenide. Physical Review Letters, 1985, 55, 2919-2922. | 2.9 | 33 |
| 156 | Observation of Nonlinear Electrical Transport at the Onset of a Peierls Transition in an Organic Conductor. Physical Review Letters, 1985, 55, 2351-2354. | 2.9 | 51 |
| 157 | Domain motion and threshold behavior of charge-density waves. Physical Review B, 1985, 31, 2270-2276. | 1.1 | 31 |
| 158 | Phase-plot studies of the alternating charge-density-wave current in niobium triselenide. Physical Review B, 1985, 31, 1055-1059. | 1.1 | 14 |
| 159 | $\tilde{\epsilon}^{\text{Inductive}}$ response from nonlinear mixing in sliding charge-density waves. Physical Review B, 1985, 31, 4049-4052. | 1.1 | 47 |
| 160 | High-pressure effects on the transport properties of the charge-density-wave compounds TaS_3 and $(TaSe_4)_2I$. Physical Review B, 1985, 31, 3202-3204. | 1.1 | 15 |
| 161 | Pinning of incommensurate spin-density waves by impurities. Physical Review B, 1985, 32, 4660-4666. | 1.1 | 31 |
| 162 | Size effect in $NbSe_3$: Length dependence of the threshold field. Physical Review B, 1985, 32, 2621-2624. | 1.1 | 16 |
| 163 | Generation of charge-density-wave conduction noise by moving phase vortices. Physical Review B, 1985, 32, 6582-6590. | 1.1 | 103 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 164 | Phase Vortices And Charge Density Wave Conduction Noise. Molecular Crystals and Liquid Crystals, 1985, 121, 31-38. | 0.9 | 0 |
| 165 | Dynamical Threshold Behavior of A Sliding Charge Density Wave. Molecular Crystals and Liquid Crystals, 1985, 121, 91-94. | 0.9 | 0 |
| 166 | Nonlinear Transport Phenomena in Molybdenum Oxide Bronzes. Molecular Crystals and Liquid Crystals, 1985, 125, 41-49. | 0.9 | 10 |
| 167 | Experimental Approach To Charge Density Wave Pinning: Irradiation Of Inorganic Quasi Id Conductors. Molecular Crystals and Liquid Crystals, 1985, 121, 87-90. | 0.9 | 1 |
| 168 | Disordered Systems. Physica Scripta, 1985, T10, 1-43. | 1.2 | 28 |
| 169 | Coherent and incoherent effects in charge density wave transport. , 1985, , 261-278. | | 1 |
| 170 | Defect Density Waves in Modulated Systems. Molecular Crystals and Liquid Crystals, 1985, 121, 99-102. | 0.9 | 20 |
| 171 | Nonlinear Conductivity and Broad Band Noise of Monoclinic TaS ₃ . Journal of the Physical Society of Japan, 1985, 54, 1912-1922. | 0.7 | 34 |
| 172 | Single domain dynamics of weakly pinned charge density waves. Synthetic Metals, 1985, 11, 307-331. | 2.1 | 8 |
| 173 | Electronic Structure of NbSe ₃ . , 1985, , 231-274. | | 3 |
| 174 | Magnetic-Field-Induced Localization Transition in HgCdTe. Physical Review Letters, 1985, 54, 241-244. | 2.9 | 71 |
| 175 | Quantum theory of local perturbation of the charge-density wave by an impurity: Friedel oscillations. Physical Review B, 1985, 32, 2449-2470. | 1.1 | 100 |
| 176 | Low-temperature divergence of the charge-density-wave viscosity in K _{0.30} MoO ₃ , (TaSe ₄) ₂ I, and TaS ₃ . Physical Review B, 1986, 33, 5450-5455. | 1.1 | 122 |
| 177 | Sliding charge-density waves: A numerical study. Physical Review B, 1986, 33, 6694-6708. | 1.1 | 152 |
| 178 | Modulated phases, memory effect and defect density waves in thiourea. Ferroelectrics, 1986, 66, 25-56. | 0.3 | 78 |
| 179 | Charge-density wave transport. Contemporary Physics, 1986, 27, 37-59. | 0.8 | 29 |
| 180 | Conduction Noise under Pulsed Electric Field in Nonohmic Regime of NbSe ₃ . Journal of the Physical Society of Japan, 1986, 55, 2106-2109. | 0.7 | 14 |
| 181 | Numerical Experiments on Glassy Charge Density Waves. Journal of the Physical Society of Japan, 1986, 55, 1987-2001. | 0.7 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 182 | Narrow band current oscillation amplitudes in the stochastic classical model for sliding charge density waves. Solid State Communications, 1986, 59, 215-218. | 0.9 | 6 |
| 183 | Frequency dependent response of pinned CDW condensates. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 8-13. | 0.9 | 2 |
| 184 | Direct observation of conduction noise under pulsed electric field in the nonohmic regime of NbSe ₃ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 54-58. | 0.9 | 6 |
| 185 | Breakable charge density waves. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 59-63. | 0.9 | 14 |
| 186 | Breaking of the CDW coherence in various inhomogeneous situations. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 64-68. | 0.9 | 25 |
| 187 | Nonlinear effects in small o-TaS ₃ samples. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 73-75. | 0.9 | 23 |
| 188 | Charge density wave conduction: Dynamics and finite size effects. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 76-79. | 0.9 | 2 |
| 189 | Numerical study of statics and dynamics of charge-density-waves based on Fukuyama-Lee-Rice model. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 80-84. | 0.9 | 9 |
| 190 | Numerical experiments on glassy charge density waves in three dimensions. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 85-89. | 0.9 | 2 |
| 191 | The blue bronze: The charge density wave state and non linear transport. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 103-107. | 0.9 | 3 |
| 192 | Analogy between depinning of a charge density wave and elastic-plastic transition in metallurgy. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 111-113. | 0.9 | 1 |
| 193 | Mossbauer studies of the charge Density Wave State of 57Fe-K _{0.30} MoO ₃ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 186-188. | 0.9 | 1 |
| 194 | Coulomb-induced pseudo-critical behaviour in disordered CDW's. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 216-218. | 0.9 | 0 |
| 195 | Metastability and nonlinear dynamics of sliding charge density waves. Physica D: Nonlinear Phenomena, 1986, 23, 45-53. | 1.3 | 2 |
| 196 | Electronic and elastic mode locking in charge density wave conductors. Physica D: Nonlinear Phenomena, 1986, 23, 155-168. | 1.3 | 4 |
| 197 | Collective pinning in a film of finite thickness. Journal of Low Temperature Physics, 1986, 64, 375-393. | 0.6 | 54 |
| 198 | Relaxation processes in charge-density-wave systems. Journal of Low Temperature Physics, 1986, 62, 525-551. | 0.6 | 11 |
| 199 | Microscopic theory of charge-density wave systems. European Physical Journal B, 1986, 65, 15-27. | 0.6 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 200 | Linear and non-linear ac response of the stochastic classical model for sliding charge density waves. European Physical Journal B, 1986, 62, 179-187. | 0.6 | 5 |
| 201 | Nonlinear conduction and electrical switching in one-dimensional conductors. Journal of Chemical Sciences, 1986, 96, 499-508. | 0.7 | 2 |
| 202 | Collective modes and impurity effects in one-dimensional charge-density wave systems. Journal of Physics C: Solid State Physics, 1986, 19, 5615-5628. | 1.5 | 3 |
| 203 | Zener tunneling in quantum sine-Gordon systems. Physical Review B, 1986, 33, 3921-3925. | 1.1 | 5 |
| 204 | Low-frequency dielectric response of the charge-density wave in (TaSe ₄) ₂ I. Physical Review B, 1986, 33, 2439-2443. | 1.1 | 49 |
| 205 | Thermal fluctuations of the order parameter in charge-density waves. Physical Review B, 1986, 33, 2852-2854. | 1.1 | 81 |
| 206 | Evidence for bulk $\hat{\epsilon}$ -narrow-band noise TM in NbSe ₃ : Thermal-gradient studies. Physical Review B, 1986, 33, 4341-4344. | 1.1 | 26 |
| 207 | Excess low-temperature specific heat in K _{0.3} MoO ₃ . Physical Review B, 1986, 34, 4432-4435. | 1.1 | 40 |
| 208 | Concept of Collective Pinning Applied to Solution Hardening of Crystals. Physical Review Letters, 1986, 56, 1381-1384. | 2.9 | 11 |
| 209 | Comment on "NMR Study of the Structure and Motion of Charge-Density Waves in NbSe ₃ ". Physical Review Letters, 1986, 57, 1191-1191. | 2.9 | 3 |
| 210 | Phason Gap in Substitutionally Disordered Incommensurate Systems. Physical Review Letters, 1986, 56, 2387-2390. | 2.9 | 30 |
| 211 | Magnetic-Field-Induced Carrier Conversion in a Charge-Density-Wave Conductor. Physical Review Letters, 1986, 57, 619-621. | 2.9 | 27 |
| 212 | Nonlinear wave propagation in periodic systems: The driven sine-Gordon chain. Physical Review B, 1986, 33, 1641-1656. | 1.1 | 7 |
| 213 | Charge-density-wave conduction: Dynamics and finite-size effects. Physical Review B, 1986, 34, 8496-8506. | 1.1 | 15 |
| 214 | Response of a purely dissipative incommensurate chain to large driving pulses. Physical Review B, 1986, 34, 2073-2079. | 1.1 | 12 |
| 215 | Range and Strength of Pins Collectively Interacting with the Flux-Line Lattice in Type-II Superconductors. Physical Review Letters, 1986, 57, 1347-1350. | 2.9 | 52 |
| 216 | Origin of the dielectric relaxation frequency in sliding-charge-density-wave systems. Physical Review B, 1986, 34, 9038-9041. | 1.1 | 27 |
| 217 | Peak and history effects in two-dimensional collective flux pinning. Physical Review B, 1986, 33, 3172-3180. | 1.1 | 184 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 218 | Observation of a new universal resistive behavior of two-dimensional superconductors in a magnetic field. <i>Physical Review Letters</i> , 1986, 56, 173-176. | 2.9 | 36 |
| 219 | Interference Phenomena and Mode Locking in the Model of Deformable Sliding Charge-Density Waves. <i>Physical Review Letters</i> , 1986, 57, 1927-1930. | 2.9 | 79 |
| 220 | Charge-density-wave magnetodynamics in NbSe ₃ . <i>Physical Review B</i> , 1986, 34, 5970-5973. | 1.1 | 12 |
| 221 | Low-frequency response of pinned charge-density-wave condensates. <i>Physical Review B</i> , 1986, 33, 2444-2454. | 1.1 | 32 |
| 222 | Change in sound velocity due to sliding charge-density waves. <i>Physical Review B</i> , 1986, 33, 6946-6953. | 1.1 | 3 |
| 223 | Evidence for depinning of a Wigner crystal in Hg-Cd-Te. <i>Physical Review B</i> , 1986, 33, 5082-5085. | 1.1 | 22 |
| 224 | Inertial dynamics of pinned charge-density-wave condensates. I.NbSe ₃ . <i>Physical Review B</i> , 1986, 34, 2212-2222. | 1.1 | 47 |
| 225 | Analogy between Depinning of a Charge Density Wave and Onset of Plastic Deformation of Crystals. <i>Europhysics Letters</i> , 1986, 2, 555-562. | 0.7 | 45 |
| 227 | The temperature-dependent threshold electrical field for a charge-density wave in the presence of a single impurity. <i>Journal of Physics C: Solid State Physics</i> , 1987, 20, 3485-3489. | 1.5 | 0 |
| 228 | Linear Current-Field Relation of Charge Density Waves near the Depinning Threshold in Alkali-Metal Blue Bronzes A _{0.3} MoO ₃ . <i>Europhysics Letters</i> , 1987, 3, 1027-1033. | 0.7 | 11 |
| 229 | Charge-density-wave transport in quasi-one-dimensional conductors. II. ac-dc interference phenomena. <i>Physical Review B</i> , 1987, 35, 6360-6372. | 1.1 | 87 |
| 230 | Nonlinear electrical transport effects in tetrathiafulvalene-tetracyanoquinodimethane as driven through charge-density-wave commensurability. <i>Physical Review Letters</i> , 1987, 58, 262-265. | 2.9 | 17 |
| 231 | Use of few-domain classical models to study mode locking in charge-density-wave systems. <i>Physical Review B</i> , 1987, 35, 6244-6252. | 1.1 | 23 |
| 232 | Pulse-duration memory effect and deformable charge-density waves. <i>Physical Review B</i> , 1987, 36, 311-317. | 1.1 | 85 |
| 233 | Overdamped Frenkel-Kontorova model with randomness as a dynamical system: Mode locking and derivation of discrete maps. <i>Physical Review A</i> , 1987, 36, 3375-3382. | 1.0 | 39 |
| 234 | Structural characterization of the sliding charge-density-wave conductor, Rb _{0.30} MoO ₃ , by nuclear magnetic resonance. <i>Physical Review B</i> , 1987, 36, 1831-1842. | 1.1 | 4 |
| 235 | Pinning, metastability, and sliding of charge-density waves in an electric field. <i>Physical Review B</i> , 1987, 36, 480-491. | 1.1 | 41 |
| 236 | Noise tolerance of frequency-locked dynamics. <i>Physical Review B</i> , 1987, 36, 2483-2492. | 1.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 237 | Mixing in charge-density-wave conductors. <i>Physical Review B</i> , 1987, 35, 7745-7748. | 1.1 | 8 |
| 238 | Defect-concentration dependence of the charge-density-wave transport in tetrathiafulvalene tetracyanoquinodimethane. <i>Physical Review B</i> , 1987, 35, 5884-5886. | 1.1 | 7 |
| 239 | Sliding of Charge Density Waves in a Static Electric Field. <i>Physica Scripta</i> , 1987, T19B, 578-584. | 1.2 | 7 |
| 240 | On the origin of the increase of the depinning field of the charge density waves at low temperatures. <i>Synthetic Metals</i> , 1987, 19, 831-836. | 2.1 | 3 |
| 241 | Analytic theory of electric field depinning in the one-dimensional Fukuyama-Lee-Rice hamiltonian. <i>European Physical Journal B</i> , 1987, 69, 339-345. | 0.6 | 5 |
| 242 | Elastic properties of charge-density-wave conductors in applied electric fields. <i>Physical Review B</i> , 1987, 36, 2626-2637. | 1.1 | 25 |
| 243 | EPR, Mössbauer and UPS studies of the charge density state in the blue bronze. <i>Synthetic Metals</i> , 1987, 19, 937-940. | 2.1 | 7 |
| 244 | A RF-induced dynamic coherence length in NbSe ₃ . <i>Synthetic Metals</i> , 1987, 19, 813-818. | 2.1 | 4 |
| 245 | Static and Dynamic Properties of Charge-Density-Waves Described by the Fukuyama-Lee-Rice Model. I. Perturbational Analysis and dc Nonlinear Properties. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 1507-1521. | 0.7 | 48 |
| 246 | Static and Dynamic Properties of Charge-Density-Waves Described by the Fukuyama-Lee-Rice Model. II. Perturbational Analysis on the dc+ac Combined Phenomena. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 1522-1531. | 0.7 | 46 |
| 247 | Nonlinear Conductivity Due to Field-Induced Depinning of Charge-Density Waves in NbSe ₃ . <i>Journal of the Physical Society of Japan</i> , 1987, 56, 2503-2510. | 0.7 | 12 |
| 248 | Thermally Assisted Depinning of a Deformable Charge Density Wave. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 1532-1538. | 0.7 | 4 |
| 249 | The Flux-Line Lattice in Type-II Superconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1987, 144, 13-38. | 0.7 | 120 |
| 250 | Size-dependent threshold fields for Fröhlich conduction in niobium triselenide: Possible evidence for pinning by the crystal surface. <i>Solid State Communications</i> , 1987, 62, 201-206. | 0.9 | 49 |
| 251 | A.c. conductivity for weakly pinned one-dimensional charge-density wave systems. <i>Solid State Communications</i> , 1987, 63, 1071-1074. | 0.9 | 15 |
| 252 | Mössbauer studies of the charge-density-wave state of 57Fe- λ -K _{0.30} MoO ₃ . <i>Solid State Communications</i> , 1987, 63, 587-590. | 0.9 | 7 |
| 253 | Non-linear transport properties of the PbTe-GeTe system. <i>Solid State Communications</i> , 1987, 62, 503-507. | 0.9 | 0 |
| 254 | Thirring model interpretation of incommensurate charge density wave. I. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987, 120, 165-170. | 0.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 255 | Basis for tunneling theory of charge-density wave depinning. European Physical Journal B, 1987, 67, 427-433. | 0.6 | 21 |
| 256 | CDW transport in niobium triselenide at high microwave field strengths. Solid State Communications, 1988, 66, 781-785. | 0.9 | 2 |
| 257 | Bistability of non-linear conductivity in insulators with sliding charge density waves. Solid State Communications, 1988, 65, 1347-1350. | 0.9 | 65 |
| 258 | Microwave frequency dependence of the nonohmic charge transport in niobium triselenide. Solid State Communications, 1988, 66, 917-920. | 0.9 | 4 |
| 259 | Bolometric absorption spectra of doped TaS ₃ . Solid State Communications, 1988, 65, 1069-1072. | 0.9 | 9 |
| 260 | The xerogel made from decomposing liquid metal-ammonia solutions is a solid material which carries current densities of 105 A cm ⁻² at room temperature. Journal of Physics and Chemistry of Solids, 1988, 49, 511-517. | 1.9 | 9 |
| 261 | Harmonic mixing by weakly pinned charge density waves. European Physical Journal B, 1988, 71, 465-472. | 0.6 | 7 |
| 262 | Thermal fluctuations and ac response of weakly pinned charge density waves. European Physical Journal B, 1988, 72, 445-454. | 0.6 | 4 |
| 263 | Computer simulation of pinning in type-II superconductors and the theory of collective pinning. Acta Physica Hungarica, 1988, 63, 177-185. | 0.1 | 0 |
| 264 | The dynamics of charge-density waves. Reviews of Modern Physics, 1988, 60, 1129-1181. | 16.4 | 1,796 |
| 265 | Pinning of charge-density waves to charged defects and an incomplete incommensurate-to-commensurate transition in the blue bronzes A _{0.3} MoO ₃ , A=Rb,K. Physical Review B, 1988, 38, 1577-1580. | 1.1 | 13 |
| 266 | Frequency-dependent electric conductivity of field-induced spin-density waves in Bechgaard salts. Physical Review B, 1988, 37, 2028-2032. | 1.1 | 63 |
| 267 | Effect of irradiation-induced defects in the lock-in transition of Rb ₂ ZnBr ₄ . Physical Review B, 1988, 37, 3409-3412. | 1.1 | 5 |
| 268 | Electron-spin-resonance studies of the charge-density-wave phase of (TaSe ₄) ₂ I. Physical Review B, 1988, 38, 10075-10078. | 1.1 | 8 |
| 269 | Observation of phason dispersion in a ferroelectric liquid crystal by light scattering. Physical Review Letters, 1988, 60, 1530-1533. | 2.9 | 61 |
| 270 | Simple Model of Collective Transport with Phase Slippage. Physical Review Letters, 1988, 61, 2380-2383. | 2.9 | 79 |
| 271 | Glassy relaxation in the Fukuyama-Lee-Rice model of charge-density waves. Physical Review B, 1988, 38, 2675-2690. | 1.1 | 59 |
| 272 | Interference effects in nonlinear charge-density-wave dynamics. Physical Review B, 1988, 38, 4045-4055. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 273 | Theory of charge-density-wave dynamics. Physical Review B, 1988, 38, 1148-1171. | 1.1 | 88 |
| 274 | Anomalous Ultrasonic Attenuation due to Sliding Charge-Density Waves. Physical Review Letters, 1988, 61, 1009-1012. | 2.9 | 12 |
| 275 | Effect of substitutional impurities on the low-temperature specific heat of (TaSe ₄) ₂ I. Physical Review B, 1988, 37, 6551-6554. | 1.1 | 11 |
| 276 | Electron correlation and disorder in Hg _{1-x} CdxTe in a magnetic field. Physical Review B, 1988, 38, 1856-1864. | 1.1 | 16 |
| 277 | Coupling between single-particle and collective excitations in a charge-density-wave system: Field dependence of nonlinear conduction in the blue bronze K _{0.3} MoO ₃ . Physical Review B, 1988, 37, 1047-1050. | 1.1 | 67 |
| 278 | Switching and charge-density-wave transport in NbSe ₃ . I. dc characteristics. Physical Review B, 1988, 38, 13002-13018. | 1.1 | 29 |
| 279 | Linear ac response of a depinned charge-density wave. Physical Review B, 1988, 38, 3773-3776. | 1.1 | 1 |
| 280 | Threshold behavior of a driven incommensurate harmonic chain. Physical Review A, 1988, 38, 6338-6350. | 1.0 | 59 |
| 281 | Single-impurity model for charge-density-wave dynamics. Physical Review B, 1988, 38, 3841-3845. | 1.1 | 0 |
| 282 | Inertial transient dynamics of sliding charge-density-wave systems. Physical Review B, 1988, 37, 6667-6671. | 1.1 | 1 |
| 283 | Defect-density waves and memory effects in modulated systems. Phase Transitions, 1988, 11, 335-371. | 0.6 | 40 |
| 284 | Structure factor of weakly pinned charge-density waves in sub-threshold electric field. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1988, 58, 433-443. | 0.6 | 1 |
| 285 | Excitations in Incommensurate Crystal Phases. Solid State Physics, 1988, 41, 201-302. | 1.3 | 67 |
| 286 | Static and Dynamic Properties of Charge-Density-Waves Described by the Fukuyama-Lee-Rice Model. III. Numerical Study on the dc Nonlinear Conduction. Journal of the Physical Society of Japan, 1988, 57, 3463-3473. | 0.7 | 42 |
| 287 | Interaction of a soliton with an impurity in the sine-Gordon model of a commensurate charge-density-wave system. Journal of Physics C: Solid State Physics, 1988, 21, 5163-5181. | 1.5 | 15 |
| 288 | Magnetic properties of charge-density waves: theory. Journal of Physics C: Solid State Physics, 1988, 21, L649-L654. | 1.5 | 2 |
| 289 | New explanations for the Peierls transitions in chain-like substances. Journal of Physics C: Solid State Physics, 1988, 21, L561-L566. | 1.5 | 4 |
| 290 | Theoretical results concerning the influence of impurities on incommensurate systems. Phase Transitions, 1988, 11, 203-220. | 0.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 291 | Charge Density Wave Dynamics - Theory. Physica Scripta, 1989, T29, 62-66. | 1.2 | 7 |
| 292 | Charge Density Wave Current Oscillations and Interference Effects. Modern Problems in Condensed Matter Sciences, 1989, , 223-291. | 0.1 | 5 |
| 293 | Phase Slipping Processes and the Generation of Narrow-Band Oscillations by Charge Density Waves. Modern Problems in Condensed Matter Sciences, 1989, , 403-423. | 0.1 | 1 |
| 294 | Depinning of charge-density-waves by quantum tunneling. Physica Scripta, 1989, T27, 136-143. | 1.2 | 14 |
| 295 | Impurity pinning of charge-density waves and spin-density waves. Physical Review B, 1989, 39, 9640-9642. | 1.1 | 60 |
| 296 | Infrared study of Rb _{0.3} MoO ₃ . Physical Review B, 1989, 40, 12487-12491. | 1.1 | 21 |
| 297 | Random fields and Wigner crystallization. Physical Review B, 1989, 40, 2946-2949. | 1.1 | 3 |
| 298 | One-dimensional electron gas in GaAs: Periodic conductance oscillations as a function of density. Physical Review B, 1989, 40, 5871-5874. | 1.1 | 127 |
| 299 | dc and ac soliton conductivity of disordered charge-density-wave systems and long Josephson junctions. Physical Review B, 1989, 39, 8018-8021. | 1.1 | 13 |
| 300 | Conductance Oscillations Periodic in the Density of a One-Dimensional Electron Gas. Physical Review Letters, 1989, 62, 583-586. | 2.9 | 334 |
| 301 | Frequency dependence of elastic anomalies in charge-density-wave conductors. Physical Review Letters, 1989, 63, 1853-1856. | 2.9 | 31 |
| 302 | Delayed switching in a phase-slip model of charge-density-wave transport. Physical Review B, 1989, 40, 5588-5592. | 1.1 | 12 |
| 303 | Charge-density-wave transport in hydrogen-doped NbSe ₃ . Physical Review B, 1989, 40, 4205-4208. | 1.1 | 5 |
| 304 | Charge-density-wave noise propagation in the blue bronzes Rb _{0.3} MoO ₃ and K _{0.3} MoO ₃ . Physical Review B, 1989, 40, 10088-10099. | 1.1 | 10 |
| 305 | Metastable electron-paramagnetic-resonance spectra in the charge-density-wave state of pure and V-doped blue bronzes A _{0.3} MoO ₃ (A=K, Rb). Physical Review B, 1989, 40, 2968-2975. | 1.1 | 18 |
| 306 | Conduction properties of a new two-dimensional sliding charge-density wave. Physical Review Letters, 1989, 62, 1396-1399. | 2.9 | 45 |
| 307 | Impurity pinning of sliding charge-density waves. Physical Review B, 1989, 40, 5447-5459. | 1.1 | 32 |
| 308 | Aging effects and nonexponential energy relaxations in charge-density-wave systems. Physical Review Letters, 1989, 62, 1512-1515. | 2.9 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 309 | Effect of impurities on the charge-density-wave dynamics in Ta _{1-x} Nb _x S ₃ alloys. Physical Review B, 1989, 39, 7626-7640. | 1.1 | 10 |
| 310 | Charge-density-wave transport under pulsed electric fields in NbSe ₃ : Step structure in sliding distance. Physical Review B, 1989, 40, 7553-7558. | 1.1 | 4 |
| 311 | Effects of charge-density-wave depinning on the elastic properties of NbSe ₃ . Physical Review B, 1989, 39, 1290-1297. | 1.1 | 37 |
| 312 | Dielectric relaxation in TaS ₃ : Charge-density-wave screening and near-commensurability effects. Physical Review B, 1989, 40, 1720-1724. | 1.1 | 13 |
| 313 | Propagation of Charge-Density Wave Voltage Noise along a Blue-Bronze, Rb _{0.3} MoO ₃ Crystal. Europhysics Letters, 1989, 9, 163-168. | 0.7 | 18 |
| 314 | Low-Energy Excitations of Charge Density Wave Metastable States in TaS ₃ . Europhysics Letters, 1989, 8, 771-776. | 0.7 | 30 |
| 315 | Elasticity and the threshold for stress-induced phase-slip in charge-density waves: predictions of a simple model. Journal of Physics Condensed Matter, 1989, 1, 6649-6664. | 0.7 | 7 |
| 316 | Fluctuation effects on the Pauli susceptibility at a Peierls transition. Journal of Physics Condensed Matter, 1989, 1, 10067-10080. | 0.7 | 14 |
| 317 | Collective dynamics of coupled oscillators with random pinning. Physica D: Nonlinear Phenomena, 1989, 36, 23-50. | 1.3 | 89 |
| 318 | Self consistent collective mode response and pinning frequencies in charge density wave systems. Solid State Communications, 1989, 69, 103-106. | 0.9 | 7 |
| 319 | A novel switching phenomenon in quenched NbSe ₃ . Solid State Communications, 1989, 70, 859-862. | 0.9 | 6 |
| 320 | EPR studies of the charge density wave state of A _{0.3} MoO ₃ (A = K, Rb). Solid State Communications, 1989, 72, 429-432. | 0.9 | 6 |
| 321 | Metastable state of sliding CDW in K _{0.3} MoO ₃ . Applied Physics A: Solids and Surfaces, 1989, 48, 171-175. | 1.4 | 2 |
| 322 | A simple model for charge density wave dynamics. Synthetic Metals, 1989, 29, 399-406. | 2.1 | 2 |
| 323 | Quantum effects in pinning of CDW and SDW by impurities. Synthetic Metals, 1989, 29, 469-476. | 2.1 | 5 |
| 324 | Linear and non-linear AC responses of the Fukuyama-Lee-Rice model for weakly pinned charge density waves. Synthetic Metals, 1989, 29, 391-398. | 2.1 | 4 |
| 325 | Study of narrow band noise and mode locking on the classical model of deformable charge-density waves. Synthetic Metals, 1989, 29, 343-350. | 2.1 | 13 |
| 326 | Chapter 4: Current Oscillations and Interference Effects in Driven Charge Density Wave Condensates. Progress in Low Temperature Physics, 1989, 12, 195-269. | 0.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 327 | Magnetic properties of charge density waves. <i>Synthetic Metals</i> , 1989, 29, 365-370. | 2.1 | 0 |
| 328 | Size effects and charge-density-wave pinning in NbSe ₃ . <i>Physical Review Letters</i> , 1989, 63, 2841-2844. | 2.9 | 51 |
| 329 | Proton channeling anomalies in the blue bronze K _{0.30} MoO ₃ . <i>Synthetic Metals</i> , 1989, 29, 227-234. | 2.1 | 9 |
| 330 | Screened dynamics of sliding charge density waves. <i>Synthetic Metals</i> , 1989, 29, 531-540. | 2.1 | 7 |
| 331 | Predicted power laws for delayed switching of charge-density waves. <i>Physical Review B</i> , 1989, 40, 10501-10508. | 1.1 | 45 |
| 332 | Critical-state model for pinned charge-density waves: conditions and consequences of phase slip. <i>Synthetic Metals</i> , 1989, 32, 321-328. | 2.1 | 30 |
| 333 | Metastability, adaptability and memory in charge density waves. <i>Synthetic Metals</i> , 1989, 29, 511-516. | 2.1 | 0 |
| 334 | Non local properties in charge density wave transport. <i>Synthetic Metals</i> , 1989, 29, 279-288. | 2.1 | 9 |
| 335 | Sound Propagation in Cdw and Sdw. <i>Materials Research Society Symposia Proceedings</i> , 1989, 173, 233. | 0.1 | 0 |
| 336 | Electron Tunneling in Charge-Density and Spin-Density Waves. <i>Materials Research Society Symposia Proceedings</i> , 1989, 173, 263. | 0.1 | 0 |
| 337 | Transport Properties of Charge-Density Waves. <i>Physica Scripta</i> , 1989, T25, 51-57. | 1.2 | 7 |
| 338 | Charge Density Waves: Pinning and Dynamics. <i>Physica Scripta</i> , 1989, T29, 55-61. | 1.2 | 14 |
| 339 | A theory of the weakly pinned Fröhlich mode. <i>European Physical Journal B</i> , 1990, 79, 211-222. | 0.6 | 24 |
| 340 | Charge Density Wave and Contact Effects in NbSe ₃ Observed with Microwave Harmonic Mixing. <i>Physica Status Solidi (B): Basic Research</i> , 1990, 160, 613-624. | 0.7 | 0 |
| 341 | Low-energy excitations in C.D.W. compounds investigated by low-temperature specific heat. <i>Physica B: Condensed Matter</i> , 1990, 165-166, 893-894. | 1.3 | 18 |
| 342 | Free energy, elastic and plastic deformations of charge-density waves in Peierls conductors: Analytical treatment in one-electron approximation. <i>Solid State Communications</i> , 1990, 76, 17-20. | 0.9 | 9 |
| 343 | Change in electrical conductivity of a gel made from decomposing liquid metal-ammonia solutions as the gel is dried to a xerogel. <i>Solid State Communications</i> , 1990, 74, 559-565. | 0.9 | 3 |
| 344 | Measurements of the Drift Velocity and Diffusion of Carriers of Fröhlich Current in Niobium Triselenide. <i>Europhysics Letters</i> , 1990, 11, 175-180. | 0.7 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 345 | Critical dynamics of a pinned elastic medium in two and three dimensions: A model for charge-density waves. <i>Physical Review Letters</i> , 1990, 64, 1305-1308. | 2.9 | 49 |
| 346 | NMR studies of NbSe ₃ : Electronic structures, static charge-density-wave measurements, and observations of the moving charge-density wave. <i>Physical Review B</i> , 1990, 41, 2722-2734. | 1.1 | 29 |
| 347 | Frictional conduction in spin-density waves. <i>Physical Review B</i> , 1990, 41, 557-561. | 1.1 | 39 |
| 348 | Comment on "Size effects and charge-density-wave pinning in NbSe ₃ ". <i>Physical Review Letters</i> , 1990, 65, 270-270. | 2.9 | 15 |
| 349 | Dynamics of charge-density waves in electron-irradiated K _{0.3} MoO ₃ . <i>Physical Review B</i> , 1990, 41, 7402-7410. | 1.1 | 6 |
| 350 | Scaling approach to pinning: Charge density waves and giant flux creep in superconductors. <i>Physical Review Letters</i> , 1990, 64, 2454-2457. | 2.9 | 400 |
| 351 | Comment on "Size effects and charge-density-wave pinning in NbSe ₃ ". <i>Physical Review Letters</i> , 1990, 65, 271-271. | 2.9 | 19 |
| 352 | Pinning energy versus order parameter in a charge-density-wave system. <i>Physical Review Letters</i> , 1990, 64, 459-462. | 2.9 | 23 |
| 353 | Switching of K _{0.3} MoO ₃ at low temperatures. I. Response to the dc electric field. <i>Physical Review B</i> , 1990, 42, 3290-3301. | 1.1 | 41 |
| 354 | Effects of high magnetic fields on charge-density waves in NbSe ₃ . <i>Physical Review B</i> , 1990, 41, 460-489. | 1.1 | 61 |
| 355 | Size effects and charge-density-wave pinning in Nb _{1-x} Ti _x Se ₃ : Evidence for weak pinning by a nonisoelectronic impurity. <i>Physical Review B</i> , 1990, 42, 7643-7646. | 1.1 | 25 |
| 356 | Switching of K _{0.3} MoO ₃ at low temperatures. II. ac conductivity in the highly conducting state. <i>Physical Review B</i> , 1990, 42, 3302-3306. | 1.1 | 0 |
| 357 | Measurement of the charge-density-wave correlation length in NbSe ₃ by high-resolution x-ray scattering. <i>Physical Review Letters</i> , 1990, 65, 3165-3168. | 2.9 | 44 |
| 358 | Evidence for two-dimensional quantum Wigner crystal. <i>Physical Review Letters</i> , 1990, 65, 2189-2192. | 2.9 | 329 |
| 359 | Phase Hamiltonian and depinning electric field in the charge-density wave and the spin-density wave. <i>Physical Review B</i> , 1990, 42, 655-659. | 1.1 | 62 |
| 360 | Elastic properties of a two-dimensional lattice in a weak random pinning potential: Origin of the pinning force. <i>Physical Review B</i> , 1990, 42, 2116-2124. | 1.1 | 20 |
| 361 | Dispersion of the Sm-C order-parameter fluctuations in the Sm-A and Sm-C phases of 4-(2-methylbutyl) phenyl 4-n-octylbiphenyl-4-carboxylate. <i>Physical Review A</i> , 1990, 41, 923-928. | 1.0 | 41 |
| 362 | Imperfect nesting in quasi-one-dimensional charge- and spin-density waves. <i>Physical Review B</i> , 1990, 42, 6498-6502. | 1.1 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 363 | Influence of lattice defects on structural phase transitions: Some new results. <i>Ferroelectrics</i> , 1990, 104, 195-204. | 0.3 | 4 |
| 364 | Charge Density Waves in Quasi-one-Dimensional Systems. <i>NATO ASI Series Series B: Physics</i> , 1990, , 325-356. | 0.2 | 0 |
| 365 | Electric-Field Dependent Conduction by Sliding Charge-Density Waves in Transition-Metal Trichalcogenides. <i>Journal of the Physical Society of Japan</i> , 1990, 59, 234-252. | 0.7 | 6 |
| 366 | Stiffness reduction associated with charge-density-wave sliding: Temperature and bias dependences in TaS ₃ . <i>Physical Review B</i> , 1990, 42, 2778-2784. | 1.1 | 22 |
| 367 | Phase slips and the instability of the Fukuyama-Lee-Rice model of charge-density waves. <i>Physical Review Letters</i> , 1990, 65, 1044-1047. | 2.9 | 119 |
| 368 | Phase-relaxation interpretation of elastic softening induced by sliding charge-density waves. <i>Physical Review B</i> , 1990, 42, 11183-11188. | 1.1 | 32 |
| 369 | Conduction properties of a wigner crystallization induced two-dimensional sliding charge-density wave. <i>Surface Science</i> , 1990, 229, 352-355. | 0.8 | 15 |
| 370 | Quantum Transport in Semiconductor Nanostructures. <i>Solid State Physics</i> , 1991, , 1-228. | 1.3 | 892 |
| 371 | The mechanism of charge-density-wave pinning, excitations of the pinned condensate. <i>Synthetic Metals</i> , 1991, 43, 3799-3805. | 2.1 | 1 |
| 372 | Charge density wave transport of quasi-one-dimensional conductors at low temperatures. <i>Synthetic Metals</i> , 1991, 43, 4037-4040. | 2.1 | 6 |
| 373 | Theory of the weakly pinned Fröhlich mode. <i>Synthetic Metals</i> , 1991, 43, 3793-3798. | 2.1 | 11 |
| 374 | Non-OHMIC electrical transport in the spin-density wave state of the organic conductors (TMTSF) ₂ X. <i>Synthetic Metals</i> , 1991, 43, 4007-4012. | 2.1 | 2 |
| 375 | Imperfect nesting and density of states in charge and spin density waves. <i>Synthetic Metals</i> , 1991, 43, 3827-3832. | 2.1 | 4 |
| 376 | Charge-density-wave noise propagation in blue bronzes A _{0.3} MoO ₃ , A = K, Rb. <i>Synthetic Metals</i> , 1991, 43, 3821-3826. | 2.1 | 1 |
| 377 | Experiments on the role of charge-density wave dislocations in frohlich conduction. <i>Synthetic Metals</i> , 1991, 43, 3917-3922. | 2.1 | 17 |
| 378 | Phason dynamics and threshold electric field in charge and spin density waves. <i>Synthetic Metals</i> , 1991, 43, 3885-3889. | 2.1 | 0 |
| 379 | Langevin molecular dynamics of interfaces: Nucleation versus spiral growth. <i>Physical Review B</i> , 1991, 43, 8081-8088. | 1.1 | 39 |
| 380 | Uniaxial-strain dependence of shear-modulus anomalies in TaS ₃ . <i>Physical Review B</i> , 1991, 43, 11037-11042. | 1.1 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 381 | Scanning tunneling microscopy studies of low-dimensional materials: probing the effects of chemical substitution at the atomic level. <i>Accounts of Chemical Research</i> , 1991, 24, 170-177. | 7.6 | 34 |
| 382 | Low-energy excitations and energy relaxations in CDW ground state at very low temperatures. <i>Journal of Non-Crystalline Solids</i> , 1991, 131-133, 1254-1259. | 1.5 | 3 |
| 383 | Charge density wave pinning in NbSe ₃ . <i>Synthetic Metals</i> , 1991, 43, 3935-3940. | 2.1 | 3 |
| 384 | Introduction to dynamical properties of charge density wave compounds. <i>Synthetic Metals</i> , 1991, 43, 3103-3127. | 2.1 | 2 |
| 385 | Non-linear conductivity in the field-induced-spin-density-wave states of the organic conductor (TMTSF) ₂ PF ₆ . <i>Synthetic Metals</i> , 1991, 42, 2083-2086. | 2.1 | 3 |
| 386 | Scaling Between Normal and Spin-Density-Wave Conductivity in (TMTSF) ₂ AsF ₆ . <i>Europhysics Letters</i> , 1991, 16, 585-590. | 0.7 | 35 |
| 387 | Dielectric excitations of the pinned charge- and spin-density wave. <i>Solid State Communications</i> , 1991, 79, 811-813. | 0.9 | 27 |
| 388 | Temperature dependence of the threshold electric-field for depinning of the spin-density wave in quenched (TMTSF) ₂ ClO ₄ . <i>Solid State Communications</i> , 1991, 78, 697-701. | 0.9 | 8 |
| 389 | The d-dimensional sine-Gordon model in the presence of random fields. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 170, 663-672. | 1.2 | 1 |
| 390 | Theory of the threshold field for the depinning transition of a charge density wave. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 179, 1-15. | 1.2 | 9 |
| 391 | Theory of stretched exponential relaxation and critical behavior at depinning for charge density waves. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 179, 16-38. | 1.2 | 20 |
| 392 | Electrical switching in benzidine-DDQ under pressure. <i>Bulletin of Materials Science</i> , 1991, 14, 1205-1211. | 0.8 | 2 |
| 393 | A theory of the strongly pinned Fröhlich mode. <i>European Physical Journal B</i> , 1991, 84, 375-381. | 0.6 | 6 |
| 394 | Interaction of a phase soliton with charged impurities in a commensurate charge-density-wave system. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 693-714. | 0.7 | 4 |
| 395 | Elastic properties of charge-density-wave conductors in combined ac and dc electric fields. <i>Physical Review B</i> , 1991, 44, 3555-3558. | 1.1 | 5 |
| 396 | Magnetic and thermal hysteresis in the O(N)-symmetric (Î 2)3 model. <i>Physical Review B</i> , 1991, 43, 3373-3386. | 1.1 | 114 |
| 397 | Diverging strains in the phase-deformation model of sliding charge-density waves. <i>Physical Review B</i> , 1991, 44, 7799-7807. | 1.1 | 49 |
| 398 | Competition between superconductivity and charge-density waves in the pseudoternary system (Lu _{1-x} Sc _x) ₅ Ir ₄ Si ₁₀ . <i>Physical Review B</i> , 1991, 43, 7681-7687. | 1.1 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 399 | Magnetic-field dependence of phase correlation length in spin- and charge-density waves. Physical Review B, 1991, 44, 6799-6802. | 1.1 | 25 |
| 400 | Pinning energies and phase slips in weakly pinned charge-density waves. Physical Review B, 1991, 44, 2887-2894. | 1.1 | 19 |
| 401 | Theory of charge-density-wave dynamics. Physical Review B, 1991, 44, 984-991. | 1.1 | 4 |
| 402 | Weak pinning and hexatic order in a doped two-dimensional charge-density-wave system. Physical Review Letters, 1991, 66, 3183-3186. | 2.9 | 34 |
| 403 | Pinning and ν -characteristics of a two-dimensional defective flux-line lattice. Physical Review Letters, 1991, 67, 1926-1929. | 2.9 | 125 |
| 404 | Low-frequency noise in the reentrant insulating phase around the $1/5$ fractional quantum Hall liquid. Physical Review Letters, 1991, 67, 1630-1633. | 2.9 | 120 |
| 405 | Defect-concentration dependence of the spin-density-wave transport in the organic conductor (TMTSF) ₂ PF ₆ (TMTSF=tetra- methyltetraselenafulvalene). Physical Review B, 1991, 43, 1264-1267. | 1.1 | 24 |
| 406 | Thermal fluctuations and charge-density-wave depinning in NbSe ₃ : Evidence for phase creep. Physical Review B, 1991, 43, 6800-6803. | 1.1 | 24 |
| 407 | Edge transport properties of the fractional quantum Hall states and weak-impurity scattering of a one-dimensional charge-density wave. Physical Review B, 1991, 44, 5708-5719. | 1.1 | 244 |
| 408 | Magnetotransport studies of the insulating phase around $\hat{\nu}=1/5$ Landau-level filling. Physical Review B, 1991, 44, 8107-8114. | 1.1 | 135 |
| 409 | Critical behavior of pinned charge-density waves below the threshold for sliding. Physical Review Letters, 1991, 66, 92-95. | 2.9 | 63 |
| 410 | X-ray investigation of charge-density-wave pinning in blue bronze. Physical Review Letters, 1991, 66, 2026-2029. | 2.9 | 22 |
| 411 | Theory of the Depinning Transition in Charge Density Waves. Europhysics Letters, 1991, 16, 321-326. | 0.7 | 26 |
| 412 | Imperfect nesting in spin-density waves. Physical Review B, 1992, 46, 162-168. | 1.1 | 26 |
| 413 | Asymptotic uniqueness of the sliding state for charge-density waves. Physical Review Letters, 1992, 68, 670-673. | 2.9 | 225 |
| 414 | Complete mode locking in models of charge-density waves. Physical Review Letters, 1992, 68, 1586-1589. | 2.9 | 55 |
| 415 | Dynamics of sliding charge-density waves in $4-\hat{\nu}$ dimensions. Physical Review Letters, 1992, 68, 3615-3618. | 2.9 | 93 |
| 416 | Charge-density-wave pinning and metastable-state dynamics in NbSe ₃ . Physical Review B, 1992, 45, 3260-3264. | 1.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 417 | Coulomb-blockade oscillations in disordered quantum wires. <i>Physical Review B</i> , 1992, 45, 9222-9236. | 1.1 | 75 |
| 418 | Reentrant insulating phase in Si inversion layers in low magnetic fields. <i>Physical Review B</i> , 1992, 46, 15992-16004. | 1.1 | 50 |
| 419 | Thermal rounding of the charge-density-wave depinning transition. <i>Physical Review B</i> , 1992, 45, 9465-9468. | 1.1 | 57 |
| 420 | Metastable length states of a random system:TaS3. <i>Physical Review B</i> , 1992, 46, 1874-1877. | 1.1 | 29 |
| 421 | Broadband noise and perturbation response in TaS3: Fluctuation-dissipation and driven-noise considerations. <i>Physical Review B</i> , 1992, 46, 12794-12797. | 1.1 | 5 |
| 422 | Effect of crystal-growth conditions on charge-density-wave pinning in NbSe3. <i>Physical Review B</i> , 1992, 45, 5804-5810. | 1.1 | 28 |
| 423 | Relaxation and elastic anomalies in charge-density-wave conductors. <i>Physical Review B</i> , 1992, 45, 3953-3961. | 1.1 | 22 |
| 424 | Nonlinear conduction in the spin-density-wave ground state. <i>Physical Review B</i> , 1992, 45, 8795-8798. | 1.1 | 8 |
| 425 | Variational theory for the pinning of vortex lattices by impurities. <i>Physical Review B</i> , 1992, 46, 14686-14701. | 1.1 | 40 |
| 426 | Spin-density-wave and charge-density-wave phason coherence lengths in magnetic fields. <i>Physical Review B</i> , 1992, 45, 12887-12892. | 1.1 | 34 |
| 427 | Charge-density-wave phase slip and current conversion in NbSe3. <i>Physical Review Letters</i> , 1992, 68, 3084-3087. | 2.9 | 35 |
| 428 | Solid-hexatic-liquid phases in two-dimensional charge-density waves. <i>Physical Review Letters</i> , 1992, 69, 1576-1579. | 2.9 | 34 |
| 429 | Charge-density-wave phase elasticity of the blue bronze. <i>Physical Review Letters</i> , 1992, 68, 2374-2377. | 2.9 | 67 |
| 430 | Charge-density-wave pinning and finite-size effects in NbSe3. <i>Physical Review B</i> , 1992, 46, 4456-4482. | 1.1 | 109 |
| 431 | Pinning of a two-dimensional Wigner crystal by charged impurities. <i>Physical Review B</i> , 1992, 46, 3999-4008. | 1.1 | 38 |
| 432 | Studies of the reentrant insulating phase around the FQH liquid: $I\text{-}V$ curves, noise, RF bias. <i>Surface Science</i> , 1992, 263, 44-48. | 0.8 | 9 |
| 433 | Frequency-dependent conductivity of a pinned Wigner crystal. <i>Surface Science</i> , 1992, 263, 187-192. | 0.8 | 10 |
| 434 | Coulomb blockade oscillations in semiconductor nanostructures. <i>Surface Science</i> , 1992, 263, 442-445. | 0.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 435 | LATERAL ELECTRON TRANSPORT THROUGH A QUANTUM DOT: COULOMB BLOCKADE AND QUANTUM TRANSPORT. , 1992, , 255-266. | | 0 |
| 436 | Preparation, structure and properties of transition metal trichalcogenides. Journal of Materials Science, 1992, 27, 3693-3705. | 1.7 | 74 |
| 437 | Transition of charge-density-wave conductors into a glassy-like state. Solid State Communications, 1993, 87, 13-16. | 0.9 | 35 |
| 438 | A theory of the strongly pinned Fröhlich mode in 2 and 3 dimensions. Synthetic Metals, 1993, 57, 4237-4242. | 2.1 | 0 |
| 439 | Critical behavior of charge-density waves below threshold: Numerical and scaling analysis. Physical Review B, 1993, 47, 3530-3552. | 1.1 | 88 |
| 440 | Phase slip and current flow in finite samples of charge-density-wave materials. Physical Review B, 1993, 48, 5025-5030. | 1.1 | 9 |
| 441 | Threshold critical dynamics of driven interfaces in random media. Physical Review B, 1993, 48, 7030-7042. | 1.1 | 368 |
| 442 | Dielectric constant and dielectric relaxation of the pinned spin-density wave in the alloys | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 453 | Collective transport and shear flow of magnetic bubble arrays. <i>Physical Review B</i> , 1993, 47, 8620-8629. | 1.1 | 8 |
| 454 | Nonequilibrium dynamics of discrete fluctuators in charge-density waves in NbSe ₃ . <i>Physical Review Letters</i> , 1993, 71, 4385-4388. | 2.9 | 23 |
| 455 | Edge melting and collective edge excitations of the two-dimensional Wigner crystal in a strong magnetic field. <i>Physical Review B</i> , 1993, 48, 10955-10965. | 1.1 | 5 |
| 456 | Separation of the threshold fields for charge-density-wave motion in NbSe ₃ using elastic strain. <i>Physical Review B</i> , 1993, 48, 4871-4874. | 1.1 | 7 |
| 457 | Comment on "Size effects and charge-density-wave pinning in Nb _{1-x} Ti _x Se ₃ : Evidence for weak pinning by a nonisoelectronic impurity". <i>Physical Review B</i> , 1993, 47, 7614-7617. | 1.1 | 12 |
| 458 | Collective dynamics in a model of sliding charge-density waves. II. Finite-size effects. <i>Physical Review B</i> , 1993, 47, 11194-11203. | 1.1 | 20 |
| 459 | Deformation of the charge-density wave by electric fields in K _{0.3} MoO ₃ . <i>Physical Review B</i> , 1993, 47, 1655-1658. | 1.1 | 8 |
| 460 | Charge Density Waves, Phase Slips, and Instabilities. , 1993, , 317-334. | | 0 |
| 461 | Field dependence of the non-linear conduction of charge-density waves in thallium blue bronze Tl _{0.3} MoO ₃ . <i>Journal of Physics Condensed Matter</i> , 1994, 6, 8565-8571. | 0.7 | 0 |
| 462 | Charge Density Wave Non-Linear Transport in the Molecular Conductor (Perylene) ₂ Au(mnt) ₂ (mnt = maleonitriledithiolate). <i>Europhysics Letters</i> , 1994, 27, 241-246. | 0.7 | 24 |
| 463 | Sliding motion of a two-dimensional Wigner crystal in a strong magnetic field. <i>Physical Review B</i> , 1994, 50, 4600-4621. | 1.1 | 16 |
| 464 | Phenomenological Ginzburg-Landau theory of charge-density-wave spectra. <i>Physical Review B</i> , 1994, 50, 8221-8229. | 1.1 | 4 |
| 465 | Narrow-band-noise generation in charge-density-wave compounds. <i>Physical Review B</i> , 1994, 49, 14722-14725. | 1.1 | 1 |
| 466 | New Macroscopic Hamiltonian for Wetting of a Solid by a Liquid in the Immersion Geometry. <i>Physical Review Letters</i> , 1994, 73, 2087-2090. | 2.9 | 5 |
| 467 | Topological defects, orientational order, and depinning of the electron solid in a random potential. <i>Physical Review B</i> , 1994, 50, 14368-14380. | 1.1 | 41 |
| 468 | Detailed Structure of a Charge-Density Wave in a Quenched Random Field. <i>Physical Review Letters</i> , 1994, 73, 3588-3591. | 2.9 | 10 |
| 469 | Investigations of the breakdown transition, hysteresis, and periodic-pulse oscillation in TI/W-doped blue bronzes. <i>Physical Review B</i> , 1994, 49, 2306-2312. | 1.1 | 7 |
| 470 | Discrete fluctuators and broadband noise in the charge-density wave in NbSe ₃ . <i>Physical Review B</i> , 1994, 50, 5081-5088. | 1.1 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 471 | Avalanches and the renormalization group for pinned charge-density waves. <i>Physical Review B</i> , 1994, 49, 244-256. | 1.1 | 78 |
| 472 | Dimensionality dependence of mode-locking dynamics in charge-density-wave transport. <i>Physical Review B</i> , 1994, 49, 10113-10119. | 1.1 | 2 |
| 473 | Damping of the spin-density-wave phase mode by defect scattering. <i>Physical Review B</i> , 1994, 49, 409-412. | 1.1 | 14 |
| 474 | Charge-density-wave structure in NbSe ₃ . <i>Physical Review B</i> , 1994, 50, 8288-8296. | 1.1 | 35 |
| 475 | Magnetofingerprints of superconducting films: Vortex dynamics and mesoscopic-scale disorder. <i>Physical Review B</i> , 1994, 49, 10047-10050. | 1.1 | 21 |
| 476 | Nonlinear conductivity of a Wigner crystal in a strong magnetic field. <i>Physical Review Letters</i> , 1994, 72, 2255-2258. | 2.9 | 6 |
| 477 | NMR in substitutionally disordered incommensurate (Rb ^{1-x} K ^x) ₂ ZnCl ₄ . <i>Physical Review B</i> , 1994, 50, 2827-2832. | 1.1 | 3 |
| 478 | Interplay between life-time and pinning effects in alloyed CDW systems. <i>Solid State Communications</i> , 1994, 90, 717-721. | 0.9 | 2 |
| 479 | Creep, stick-slip, and dry-friction dynamics: Experiments and a heuristic model. <i>Physical Review E</i> , 1994, 49, 4973-4988. | 0.8 | 483 |
| 480 | Vortices in high-temperature superconductors. <i>Reviews of Modern Physics</i> , 1994, 66, 1125-1388. | 16.4 | 5,637 |
| 481 | Collective insulating state at zero magnetic field in a dilute 2D electron system. <i>Surface Science</i> , 1994, 305, 115-119. | 0.8 | 5 |
| 482 | Quantum Hall liquid-Wigner solid phase boundary. <i>Surface Science</i> , 1994, 305, 126-132. | 0.8 | 2 |
| 483 | The dynamics of spin-density waves. <i>Reviews of Modern Physics</i> , 1994, 66, 1-24. | 16.4 | 329 |
| 484 | Quantum phase slip in charge and spin density waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995, 202, 313-316. | 0.9 | 36 |
| 485 | The role of life-time effects in pinned CDW systems. <i>Solid State Communications</i> , 1995, 93, 183-187. | 0.9 | 1 |
| 486 | Analytical results in CDW systems beyond the strong pinning limit. <i>Solid State Communications</i> , 1995, 93, 817-821. | 0.9 | 2 |
| 487 | Observation of a giant dielectric constant in the re-entrant insulating phase of two-dimensional electrons. <i>Solid State Communications</i> , 1995, 95, 619-623. | 0.9 | 16 |
| 488 | Commensurate and Incommensurate Spin-Density Waves and a Modified Phase Diagram of the Bechgaard Salts. <i>Physical Review Letters</i> , 1995, 75, 2408-2411. | 2.9 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 489 | Magnetic-field behavior of the spin-density-wave state in (TMTSF) ₂ AsF ₆ . Physical Review B, 1995, 52, 15983-15991. | 1.1 | 11 |
| 490 | Giant Peaks of the Conductance in Polycrystalline Bi Nanobridges. Physical Review Letters, 1995, 75, 4286-4289. | 2.9 | 3 |
| 491 | Phase slip and the spatiotemporal response of charge-density waves in NbSe ₃ . Physical Review B, 1995, 52, R5483-R5486. | 1.1 | 13 |
| 492 | Coexistence of short- and large-scale phase variations in a charge-density wave weakly coupled to impurities. Physical Review B, 1995, 52, 11845-11852. | 1.1 | 7 |
| 493 | Transport properties of organic conductors: Influence of the statistics of distances between charged centers. Physical Review B, 1995, 52, 10665-10668. | 1.1 | 3 |
| 494 | Charge-density-wave glass state in quasi-one-dimensional conductors. Physical Review B, 1995, 51, 2052-2060. | 1.1 | 26 |
| 495 | Temporal Order in Dirty Driven Periodic Media. Physical Review Letters, 1995, 75, 4270-4273. | 2.9 | 118 |
| 496 | Field-Effect Modulation of Charge-Density-Wave Transport in NbSe ₃ and TaS ₃ . Physical Review Letters, 1995, 74, 5264-5267. | 2.9 | 70 |
| 497 | Transport properties of a quantum wire in the presence of impurities and long-range Coulomb forces. Physical Review B, 1995, 51, 10833-10843. | 1.1 | 45 |
| 498 | Charge-density-wave phase slip and contact effects in NbSe ₃ . Physical Review B, 1995, 52, 13850-13864. | 1.1 | 19 |
| 499 | X-ray-scattering study of charge- and spin-density waves in chromium. Physical Review B, 1995, 51, 10336-10344. | 1.1 | 71 |
| 500 | Static and low-frequency shear compliance of TaS ₃ . Physical Review B, 1995, 52, R8601-R8604. | 1.1 | 11 |
| 501 | Electron Microscopy Study of the Incommensurate Charge Density Wave States of the Quasi-Two-Dimensional P ₄ W ₂₄ O ₈₀ Bronze. Europhysics Letters, 1995, 30, 49-54. | 0.7 | 5 |
| 502 | Electric field dependent transport in the quantized Hall states of (TMTSF) ₂ ClO ₄ . Synthetic Metals, 1995, 70, 757-758. | 2.1 | 0 |
| 503 | Structural study of the role of defects on the CDW instabilities of quasi-one-dimensional conductors. Synthetic Metals, 1995, 70, 1259-1262. | 2.1 | 8 |
| 504 | CDW nonlinear transport in the organic systems (Per) ₂ M(mnt) ₂ . Synthetic Metals, 1995, 70, 1267-1270. | 2.1 | 6 |
| 505 | The flux-line lattice in superconductors. Reports on Progress in Physics, 1995, 58, 1465-1594. | 8.1 | 1,117 |
| 506 | Individual versus collective pinning in charge-density-wave systems with impurities. Physical Review B, 1995, 51, 1495-1506. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 507 | Avalanche dynamics in evolution, growth, and depinning models. <i>Physical Review E</i> , 1996, 53, 414-443. | 0.8 | 467 |
| 508 | Spatially resolved studies of charge-density-wave dynamics and phase slip in NbSe ₃ . <i>Physical Review B</i> , 1996, 53, 1833-1849. | 1.1 | 56 |
| 509 | Pinning of charge density waves by strong impurities. <i>Physica B: Condensed Matter</i> , 1996, 217, 1-7. | 1.3 | 1 |
| 510 | Individual pinning of CDW phase: Beyond the Born approximation. <i>Physica B: Condensed Matter</i> , 1996, 217, 8-22. | 1.3 | 1 |
| 511 | Anorganische Materialien mit Hilfe von Rastersondenmikroskopen verstehen und manipulieren. <i>Angewandte Chemie</i> , 1996, 108, 748-768. | 1.6 | 1 |
| 512 | Understanding and Manipulating Inorganic Materials with Scanning Probe Microscopes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 686-704. | 4.4 | 31 |
| 513 | Quantum Hall effect from finite-frequency studies. <i>Physica B: Condensed Matter</i> , 1996, 227, 173-179. | 1.3 | 2 |
| 514 | (N) model for charge density waves. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 225, 281-293. | 1.2 | 1 |
| 515 | Effects of passing electric current on the elastic property of amorphous Cu ₅₀ Zr ₅₀ and Cu ₅₀ Ti ₅₀ . <i>Acta Materialia</i> , 1996, 44, 2787-2795. | 3.8 | 31 |
| 516 | Deformation and sliding motion of charge-density-waves in $\hat{\text{I}}\text{-Mo}_4\text{O}_{11}$ under pulsed electric field. <i>Journal of Physics and Chemistry of Solids</i> , 1996, 57, 281-287. | 1.9 | 5 |
| 517 | Thermal stability of mode-locking steps in charge density waves. <i>Solid State Communications</i> , 1996, 100, 871-875. | 0.9 | 0 |
| 518 | Topological defects in the random-field XY model and the pinned vortex lattice to vortex glass transition in type-II superconductors. <i>Physical Review B</i> , 1996, 53, 15193-15200. | 1.1 | 146 |
| 519 | Topological Dislocations and Mixed State of Charge Density Waves. <i>Physical Review Letters</i> , 1996, 77, 3403-3406. | 2.9 | 15 |
| 520 | Influence of twin boundaries on Josephson junctions between high-temperature and conventional superconductors. <i>Physical Review B</i> , 1996, 53, 2835-2849. | 1.1 | 69 |
| 521 | Case for the Magnetic-Field-Induced Two-Dimensional Wigner Crystal. , 0, , 343-384. | | 7 |
| 522 | Density waves in a transverse electric field. <i>Physical Review B</i> , 1996, 54, R17273-R17275. | 1.1 | 6 |
| 523 | Dislocations and the motion of weakly pinned charge-density waves: Experiments on niobium triselenide containing mobile indium impurities. <i>Physical Review B</i> , 1996, 53, 15586-15603. | 1.1 | 12 |
| 524 | Classical model of charge-density waves applied to mixed samples of TaS ₃ . <i>Physical Review B</i> , 1996, 54, 5418-5427. | 1.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 525 | Generation of Magnetic Flux by Single Grain Boundaries of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review Letters</i> , 1996, 77, 2782-2785. | 2.9 | 174 |
| 526 | Collective transport through charge-density-wave heterostructures. <i>Physical Review B</i> , 1996, 54, 8487-8490. | 1.1 | 27 |
| 527 | Quantum phase slip and low frequency conductivity in spin density waves. <i>Ferroelectrics</i> , 1996, 176, 353-359. | 0.3 | 3 |
| 528 | Quasi-one-dimensional conductors with a charge density wave. <i>Physics-Uspexhi</i> , 1996, 39, 403-407. | 0.8 | 2 |
| 529 | Pinning-depinning transition in dislocation dynamics. <i>Physical Review B</i> , 1997, 55, 798-811. | 1.1 | 17 |
| 530 | Frequency and voltage dependence of the complex shear compliance of TaS_3 : A relaxation analysis. <i>Physical Review B</i> , 1997, 56, 1204-1212. | 1.1 | 8 |
| 531 | Gaussian solution of a charge-density-wave model. <i>Physical Review B</i> , 1997, 55, 9544-9549. | 1.1 | 0 |
| 532 | Experimental studies of the mechanism of the electro-optical effect in blue bronze. <i>Physical Review B</i> , 1997, 56, 6506-6512. | 1.1 | 10 |
| 533 | Photolithographic patterning of the charge-density-wave conductor $\text{Rb}_{0.30}\text{MoO}_3$. <i>Synthetic Metals</i> , 1997, 86, 1781-1784. | 2.1 | 5 |
| 534 | Temperature evolution of the quantum hall effect in quasi-one-dimensional organic conductors. <i>Synthetic Metals</i> , 1997, 85, 1609-1612. | 2.1 | 2 |
| 535 | X-ray diffuse scattering investigation of the pinning of charge density waves in doped $\text{K}_{0.3}\text{MoO}_3$. <i>Synthetic Metals</i> , 1997, 86, 2131-2132. | 2.1 | 5 |
| 536 | Weak pinning of the charge-density wave revisited. <i>Synthetic Metals</i> , 1997, 86, 2225-2226. | 2.1 | 1 |
| 537 | Dynamic properties of an incommensurate charge density wave in monoclinic TaS_3 at low temperatures. <i>Journal of Experimental and Theoretical Physics</i> , 1997, 84, 545-551. | 0.2 | 2 |
| 538 | Features of charge density waves in quasi-one-dimensional conductors at low temperatures. <i>Journal of Experimental and Theoretical Physics</i> , 1997, 84, 823-832. | 0.2 | 15 |
| 539 | Specific heat of TSeF-TCNQ . <i>Solid State Communications</i> , 1997, 104, 95-99. | 0.9 | 5 |
| 540 | Driven interface depinning in a disordered medium. <i>Annalen Der Physik</i> , 1997, 509, 1-34. | 0.9 | 139 |
| 541 | Charge density wave phase slip in the quasi-one-dimensional blue bronze compound KMoO . <i>Annales De Chimie: Science Des Materiaux</i> , 1998, 23, 237-240. | 0.2 | 4 |
| 542 | Numerical study of the impurity effect on the Dynamic Properties of an Incommensurate Density Wave. <i>Annales De Chimie: Science Des Materiaux</i> , 1998, 23, 435-443. | 0.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 543 | Collective charge density wave motion in inhomogeneous mesoscopic systems. <i>Physica B: Condensed Matter</i> , 1998, 249-251, 490-495. | 1.3 | 0 |
| 544 | Numerical simulation of the one-dimensional incommensurate charge density wave dynamics. <i>Synthetic Metals</i> , 1998, 96, 137-140. | 2.1 | 10 |
| 545 | Landau theory of stripe phases in cuprates and nickelates. <i>Physical Review B</i> , 1998, 57, 1422-1426. | 1.1 | 170 |
| 546 | Electrical transport through micro-fabricated charge-density-wave structures. <i>Physics-Uspekhi</i> , 1998, 41, 167-171. | 0.8 | 11 |
| 547 | Noise effects on synchronized globally coupled oscillators. <i>Europhysics Letters</i> , 1998, 44, 409-415. | 0.7 | 4 |
| 548 | Structural study of the charge-density-wave modulation of isoelectronically doped. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 6505-6514. | 0.7 | 4 |
| 549 | NbSe ₃ :Effect of uniaxial stress on the threshold field and fermiology. <i>Physical Review B</i> , 1998, 57, 14576-14579. | 1.1 | 5 |
| 550 | Dynamics of stripes in doped antiferromagnets. <i>Physical Review B</i> , 1998, 58, 453-461. | 1.1 | 25 |
| 551 | Spatial distribution of charge-density-wave phase slip in NbSe ₃ . <i>Physical Review B</i> , 1998, 57, 12781-12791. | 1.1 | 50 |
| 552 | Influence of magnetic-field-induced spin-density-wave motion and finite temperature on the quantum Hall effect in quasi-one-dimensional conductors: A quantum field theory. <i>Physical Review B</i> , 1998, 58, 10648-10664. | 1.1 | 11 |
| 553 | Static and dynamic properties of inhomogeneous elastic media on disordered substrate. <i>Physical Review B</i> , 1998, 57, 8235-8253. | 1.1 | 33 |
| 554 | Effects of Dissipation on Quantum Phase Slippage in Charge Density Wave Systems. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3891-3896. | 0.7 | 0 |
| 555 | Collective charge density wave motion through an ensemble of Aharonov-Bohm rings. <i>Europhysics Letters</i> , 1998, 43, 617-622. | 0.7 | 8 |
| 556 | Quantum interference of a moving charge density wave on columnar defects containing magnetic flux. <i>Physics-Uspekhi</i> , 1999, 42, 830-832. | 0.8 | 0 |
| 557 | Non-quasiparticle corrections for a sliding charge-density wave. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 4805-4812. | 0.7 | 1 |
| 558 | Imaging Shear in Sliding Charge-Density Waves by X-Ray Diffraction Topography. <i>Physical Review Letters</i> , 1999, 83, 3514-3517. | 2.9 | 20 |
| 559 | Sliding and quantum interference of charge-density waves moving through columnar defects in NbSe ₃ . <i>Physical Review B</i> , 1999, 60, 14019-14024. | 1.1 | 4 |
| 560 | X-ray investigation of the charge-density-wave modulation in substituted Ti- and Ta-NbSe ₃ . <i>Physical Review B</i> , 1999, 59, 15121-15125. | 1.1 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 561 | Thermal fluctuations of charge-density waves studied by NMR. Physical Review B, 1999, 60, 3982-3988. | 1.1 | 3 |
| 562 | Sliding charge-density-wave transport in micron-sized wires of Rb _{0.30} MoO ₃ . Physical Review B, 1999, 60, 5287-5294. | 1.1 | 17 |
| 563 | Theory of friction: elastic coherence length and earthquake dynamics. Solid State Communications, 1999, 109, 739-744. | 0.9 | 35 |
| 564 | Plastic flow in a driven random-field XY model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 251, 73-78. | 0.9 | 14 |
| 565 | Sliding objects with random friction. Physica A: Statistical Mechanics and Its Applications, 1999, 266, 263-271. | 1.2 | 2 |
| 566 | One- and two-dimensional wave fronts in diffusive systems with discrete sets of nonlinear sources. Physica D: Nonlinear Phenomena, 1999, 133, 398-403. | 1.3 | 9 |
| 567 | Electrical properties of chromium films. Physics of the Solid State, 1999, 41, 341-343. | 0.2 | 2 |
| 568 | Charge density wave ratchet. Applied Physics Letters, 1999, 75, 1007-1009. | 1.5 | 5 |
| 569 | Fracture of polymers. Journal of Chemical Physics, 1999, 110, 9713-9724. | 1.2 | 20 |
| 570 | Spatial structure formation in charge density wave systems. Synthetic Metals, 1999, 104, 61-71. | 2.1 | 1 |
| 571 | Submicron structures of the charge-density-wave conductor NbSe ₃ . Synthetic Metals, 1999, 103, 2612-2615. | 2.1 | 5 |
| 572 | Defects, Order, and Hysteresis in Driven Charge-Density Waves. Physical Review Letters, 1999, 83, 3518-3521. | 2.9 | 17 |
| 573 | Alternating-current conductivity of pinned charge-density-wave fluctuations in quasi-one-dimensional conductors. Journal of Physics Condensed Matter, 1999, 11, 2637-2648. | 0.7 | 3 |
| 574 | Depinning of Spin-Density-Wave in (TMTSF) ₂ ClO ₄ . Journal of the Physical Society of Japan, 2000, 69, 155-159. | 0.7 | 40 |
| 575 | Static Friction between Elastic Solids due to Random Asperities. Materials Research Society Symposia Proceedings, 2000, 651, 1. | 0.1 | 0 |
| 576 | Effect of local inhomogeneity on nucleation: case of CDW depinning. Physica B: Condensed Matter, 2000, 284-288, 1667-1668. | 1.3 | 3 |
| 577 | Current Modulation of Charge-Density-Wave Field-Effect Transistors with NbSe ₃ Channel. Journal of the Physical Society of Japan, 2000, 69, 2604-2608. | 0.7 | 7 |
| 578 | Quantum Collective Dynamics of Charge-Density Waves in Quasi-One-Dimensional Orthorhombic TaS ₃ . Journal of the Physical Society of Japan, 2000, 69, 1251-1252. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 579 | Sliding charge-density waves as rough growth fronts. <i>Physical Review B</i> , 2000, 61, 4405-4408. | 1.1 | 11 |
| 580 | Temperature dependence of the pulse-duration memory effect in NbSe ₃ . <i>Physical Review B</i> , 2000, 61, 10112-10115. | 1.1 | 0 |
| 581 | Effective action and collective modes in quasi-one-dimensional spin-density-wave systems. <i>Physical Review B</i> , 2000, 61, 13493-13507. | 1.1 | 6 |
| 582 | Pulse-duration memory effect in NbSe ₃ and comparison with numerical simulations of phase organization. <i>Physical Review B</i> , 2000, 61, 10066-10075. | 1.1 | 7 |
| 583 | Tunable Charge-Density Wave Transport in a Current-Effect Transistor. <i>Physical Review Letters</i> , 2000, 84, 534-537. | 2.9 | 31 |
| 584 | Depinning of an anisotropic interface in random media: The tilt effect. <i>Physical Review E</i> , 2000, 62, 2955-2958. | 0.8 | 3 |
| 585 | Disorder-induced topological defects in d=2 elastic medium at zero temperature. <i>Physical Review B</i> , 2000, 61, 14787-14790. | 1.1 | 18 |
| 586 | Plastic sliding of charge density waves: X-ray space resolved-studies versus theory of current conversion. <i>Physical Review B</i> , 2000, 61, 10640-10650. | 1.1 | 51 |
| 587 | CRITICAL EXPONENTS OF THE TRANSPORT PROPERTIES AT THE B ₂ â†”ICâ†”C(R) TRANSITIONS IN Ti-Ni-Me SHAPE MEMORY ALLOYS. <i>International Journal of Modern Physics B</i> , 2000, 14, 1729-1742. | 1.0 | 1 |
| 588 | Dynamics of kinks in one- and two-dimensional hyperbolic models with quasisdiscrete nonlinearities. <i>Physical Review E</i> , 2001, 63, 066613. | 0.8 | 2 |
| 589 | Charge- and spin-density-wave superconductors. <i>Superconductor Science and Technology</i> , 2001, 14, R1-R27. | 1.8 | 150 |
| 590 | A statistical phase-slip model capable to describe fluctuations measured in charge density-wave systems. <i>Synthetic Metals</i> , 2001, 122, 337-349. | 2.1 | 0 |
| 591 | 7.2 Fermi energy. , 0, , 124-132. | | 0 |
| 592 | Elastic theory of quantum Hall smectics: Effects of disorder. <i>Europhysics Letters</i> , 2001, 55, 260-266. | 0.7 | 7 |
| 593 | Simulation of Sliding Motion of Charge-Density-Wave by Considering Dipole and Screening Effects. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 3342-3347. | 0.7 | 0 |
| 594 | Anomalous behavior of transport properties near 60ÅK in tungsten-doped blue bronzes K _{0.3} Mo _{1-â”x} W _x O ₃ (x=0â”€“0.12). <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 280, 376-380. | 0.9 | 4 |
| 595 | Puzzle of low temperature phase of \hat{I}_{\pm} -(ET) ₂ salts. <i>Current Applied Physics</i> , 2001, 1, 313-315. | 1.1 | 2 |
| 596 | Static Friction between Elastic Solids due to Random Asperities. <i>Physical Review Letters</i> , 2001, 86, 3312-3315. | 2.9 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 597 | Threshold electric field in unconventional density waves. Physical Review B, 2001, 64, . | 1.1 | 27 |
| 598 | Observation of dynamic coupling between the Q1 and Q2 charge-density waves in NbSe ₃ . Physical Review B, 2001, 63, . | 1.1 | 5 |
| 599 | Pulse duration memory of weakly pinned charge-density waves. Physical Review B, 2001, 63, . | 1.1 | 2 |
| 600 | Manipulating coincident charge and spin order with pressure and field in a doped manganite. Physical Review B, 2001, 63, . | 1.1 | 6 |
| 601 | Dynamics of one- and two-dimensional kinks in bistable reaction-diffusion equations with quasidiscrete sources of reaction. Chaos, 2001, 11, 833-842. | 1.0 | 6 |
| 602 | Impurity scattering in unconventional density waves. Physical Review B, 2002, 66, . | 1.1 | 12 |
| 603 | Imperfect nesting and transport properties in unconventional density waves. Physical Review B, 2002, 66, . | 1.1 | 15 |
| 604 | Possible microscopic explanation of the virtually universal occurrence of static friction. Physical Review B, 2002, 65, . | 1.1 | 30 |
| 605 | Magnetic field dependence of the threshold electric field in unconventional charge density waves. Physical Review B, 2002, 65, . | 1.1 | 24 |
| 606 | Effect of impurities on the successive phase transitions in (Cs _{1-x} Rbx) ₂ ZnI ₄ compounds. Journal of Physics Condensed Matter, 2002, 14, 13623-13634. | 0.7 | 0 |
| 607 | Visualizing the spatial structure of charge density waves via scanning electron microscopy. Physica B: Condensed Matter, 2002, 315, 273-280. | 1.3 | 1 |
| 608 | Effects of dislocations on the stiffness of charge density wave. Physica B: Condensed Matter, 2002, 324, 82-89. | 1.3 | 6 |
| 609 | Charge- and spin-density waves in existing superconductors: competition between Cooper pairing and Peierls or excitonic instabilities. Physics Reports, 2002, 367, 583-709. | 10.3 | 188 |
| 610 | NMR in multidimensionally modulated incommensurate and CDW systems. Progress in Nuclear Magnetic Resonance Spectroscopy, 2002, 41, 49-82. | 3.9 | 14 |
| 611 | Mid-Gap State Formed Inside Mott Gap of 1T-TaS ₂ Single Crystals and Metal-Insulator Transition. Journal of Low Temperature Physics, 2002, 127, 63-79. | 0.6 | 7 |
| 612 | Plastic flow of periodic structures. Physica B: Condensed Matter, 2003, 329-333, 1448-1450. | 1.3 | 4 |
| 613 | Plastic vortex flow in current-driven disordered Josephson junction networks. Physica C: Superconductivity and Its Applications, 2003, 388-389, 669-670. | 0.6 | 0 |
| 614 | Quantum pair creation of soliton domain walls. Journal of Physics A, 2003, 36, 9209-9221. | 1.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 615 | Normal-state conductivity in underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ thin films: Search for nonlinear effects related to collective stripe motion. <i>Physical Review B</i> , 2003, 68, . | 1.1 | 34 |
| 616 | Effect of a quenched random field on a continuous symmetry breaking transition: Nematic to smectic-A transition in octyloxycyanobiphenyl-aerosil dispersions. <i>Physical Review E</i> , 2003, 67, 021703. | 0.8 | 52 |
| 617 | Plastic depinning in artificial vortex channels: Competition between bulk and boundary nucleation. <i>Physical Review B</i> , 2003, 67, . | 1.1 | 9 |
| 618 | Fractional power law susceptibility and specific heat in low-temperature insulating state of o-TaS_3 . <i>Europhysics Letters</i> , 2003, 62, 554-560. | 0.7 | 15 |
| 619 | Non-Hermitian Luttinger liquids and flux line pinning in planar superconductors. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2004, 2004, P10003. | 0.9 | 32 |
| 620 | Crossover from two-dimensional to one-dimensional collective pinning in NbSe_3 . <i>Physical Review B</i> , 2004, 69, . | 1.1 | 17 |
| 621 | Optical investigation of the origin of switching conduction in charge-density waves. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 10 |
| 622 | X-ray spectrum of a pinned charge density wave. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 12 |
| 623 | Mean-field theory of collective transport with phase slips. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 14 |
| 624 | Ladungsdichtewellen: Elektrische Leitfähigkeit. <i>Chemie in Unserer Zeit</i> , 2004, 38, 326-339. | 0.1 | 12 |
| 625 | Finite-size effects in quasi-one-dimensional conductors with a charge-density wave. <i>Physics-Uspekhi</i> , 2004, 47, 533-554. | 0.8 | 48 |
| 626 | Study of Molecular Conductors by X-ray Diffuse Scattering. <i>Chemical Reviews</i> , 2004, 104, 5609-5634. | 23.0 | 10 |
| 627 | Pinning and sliding of driven elastic systems: from domain walls to charge density waves. <i>Advances in Physics</i> , 2004, 53, 177-252. | 35.9 | 141 |
| 628 | Numerical simulation of collective phenomena in Josephson junction networks. <i>Computational Materials Science</i> , 2004, 30, 448-452. | 1.4 | 0 |
| 629 | Dynamical approach to the spatiotemporal aspects of the Portevin-Le Chatelier effect: Chaos, turbulence, and band propagation. <i>Physical Review E</i> , 2004, 70, 026111. | 0.8 | 46 |
| 630 | Possibility of Solid-Fluid Transition in Moving Periodic Systems. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 1907-1910. | 0.7 | 0 |
| 631 | Depinning and dynamics of vortices confined in mesoscopic flow channels. <i>New Journal of Physics</i> , 2005, 7, 71-71. | 1.2 | 36 |
| 632 | Free carriers effect on the charge density wave dynamics in a one-dimensional conductor. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 348, 71-76. | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 633 | Dynamics of charge density wave ring. Physica C: Superconductivity and Its Applications, 2005, 426-431, 431-435. | 0.6 | 0 |
| 634 | The Second Threshold Field of Charge-Density-Wave Conductor Rb _{0.3} MoO ₃ in High Temperature Range. Chinese Physics Letters, 2005, 22, 1210-1213. | 1.3 | 2 |
| 635 | Charge Density Wave Dislocation as Revealed by Coherent X-Ray Diffraction. Physical Review Letters, 2005, 95, 116401. | 2.9 | 45 |
| 636 | Theory of lubrication due to collective pinning. Physical Review E, 2005, 71, 056107. | 0.8 | 4 |
| 637 | Nanoscale Friction: Kinetic Friction of Magnetic Flux Quanta and Charge Density Waves. Physical Review Letters, 2005, 94, 077001. | 2.9 | 26 |
| 638 | POSITIONAL ORDER OF THE PINNED ABRIKOSOV FLUX LINE LATTICE IN SAMPLES OF FINITE THICKNESS. International Journal of Modern Physics B, 2005, 19, 3575-3601. | 1.0 | 1 |
| 640 | Dynamics of Stick-Slip: Some Universal and Not So Universal Features. Lecture Notes in Physics, 2006, , 423-457. | 0.3 | 7 |
| 641 | Interaction of both charge density waves in NbSe ₃ from interlayer tunneling experiments. JETP Letters, 2006, 84, 89-92. | 0.4 | 9 |
| 642 | Modulation effect of transverse currents on the switch and hysteresis characteristics in blue bronze Rb _{0.3} MoO ₃ . Solid State Communications, 2006, 140, 369-373. | 0.9 | 2 |
| 643 | Nonlinear transport in $\text{Na}_{0.33}\text{V}_2\text{O}_5$. European Physical Journal B, 2006, 53, 289-296. | 0.6 | 13 |
| 644 | Theory of the effects of multiscale surface roughness and stiffness on static friction. Physical Review E, 2006, 73, 016104. | 0.8 | 13 |
| 645 | Coulomb disorder in periodic systems: Effect of unscreened charged impurities. Physical Review B, 2006, 73, . | 1.1 | 2 |
| 646 | Disorder effects on the charge-density waves structure in V- and W-doped blue bronzes: Friedel oscillations and charge-density wave pinning. Physical Review B, 2006, 74, . | 1.1 | 29 |
| 647 | Interplay between Phase Defects and Spin Polarization in the Specific Heat of the Spin-Density-Wave Compound(TMTTF) ₂ Br in a Magnetic Field. Physical Review Letters, 2006, 97, 227203. | 2.9 | 12 |
| 648 | Interlayer tunnelling spectroscopy of charge density waves. Superconductor Science and Technology, 2007, 20, S87-S92. | 1.8 | 7 |
| 649 | Diffuse X-ray scattering studies of molecular conductors. Annual Reports on the Progress of Chemistry Section C, 2007, 103, 223. | 4.4 | 2 |
| 650 | Temperature dependence of the second threshold field for rubidium blue bronze Rb _{0.3} MoO ₃ . Solid State Communications, 2007, 142, 251-255. | 0.9 | 1 |
| 651 | Photoinduced semiconductor-metal phase transition in a peierls system. Journal of Experimental and Theoretical Physics, 2007, 104, 68-75. | 0.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 652 | Mode-Locking in Driven Disordered Systems as a Boundary-Value Problem. Journal of Statistical Physics, 2008, 132, 945-955. | 0.5 | 1 |
| 653 | Impurities potential effect on the charge density wave dynamics in one-dimensional systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3888-3893. | 0.9 | 0 |
| 654 | The analysis on the single particle model of CDW. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6443-6447. | 0.9 | 0 |
| 655 | Frequency domain simulations of charge-density-wave strains: Comparison with electro-optic measurements. Solid State Communications, 2008, 145, 469-474. | 0.9 | 3 |
| 656 | Nonlinear electrical properties and collective transport of strongly correlated carriers in (YbS)1.25CrS2. Physica B: Condensed Matter, 2008, 403, 4041-4049. | 1.3 | 0 |
| 657 | Sliding charge-density wave in manganites. Nature Materials, 2008, 7, 25-30. | 13.3 | 119 |
| 658 | Vortex Matter. , 2008, , 495-637. | | 1 |
| 659 | Nb93NMR Spin Echo Spectroscopy in Single CrystalNbSe3. Physical Review Letters, 2008, 101, 136407. | 2.9 | 5 |
| 660 | End-current injection contacts for anisotropic materials: Fabrication and application to the quasi-one-dimensional conductorNbSe3. Physical Review B, 2008, 77, . | 1.1 | 2 |
| 661 | Direct observation of charge density waves in $\text{HoIr}_4\text{Si}_{10}$. Physical Review B, 2008, 77, . | 1.1 | 9 |
| 662 | Spatiotemporal scaling for out-of-equilibrium relaxation dynamics of an elastic manifold in random media: Crossover between diffusive and glassy regimes. Physical Review B, 2008, 77, . | 1.1 | 2 |
| 663 | Depinning in a two-layer model of plastic flow. Physical Review B, 2008, 78, . | 1.1 | 13 |
| 664 | Observation of Correlations Up To the Micrometer Scale in Sliding Charge-Density Waves. Physical Review Letters, 2008, 100, 096403. | 2.9 | 38 |
| 665 | Charge-density waves at intermediate coupling. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 2041-2052. | 1.0 | 1 |
| 666 | Size effects on the charge-density-wave pinning in the quasi-one-dimensional conductor K0.30MoO3. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 4189-4193. | 0.9 | 4 |
| 667 | Transport properties of , a highly disordered charge density wave system. Physica B: Condensed Matter, 2009, 404, 433-436. | 1.3 | 3 |
| 668 | Observation of correlations up to the micrometer scale in sliding charge-density waves. Physica B: Condensed Matter, 2009, 404, 559-561. | 1.3 | 0 |
| 669 | Spin density wave dislocation in chromium probed by coherent X-ray diffraction. European Physical Journal B, 2009, 70, 317-325. | 0.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 670 | Charge density waves enhance the electronic noise of manganites. <i>Physical Review B</i> , 2009, 80, . | 1.1 | 27 |
| 671 | Thermal transport properties and electronic structure of W-doped rubidium blue bronzes $Rb_{0.3}Mo_{1-x}W_xO_3$ ($x=0, 0.001, 0.003, 0.005$). <i>Physica B: Condensed Matter</i> , 2010, 405, 2857-2862. | 1.3 | 3 |
| 672 | Voltage oscillation associated with nonlinear conductivity in the organic conductor \hat{I}^{\pm} -(BEDT-TTF) ₂ I ₃ . <i>Journal of Applied Physics</i> , 2010, 107, . | 1.1 | 28 |
| 673 | Current orientation and contact distance dependence of rapid voltage oscillations in the organic conductor \hat{I}^{\pm} -[bis(ethylenedithio)tetrathiafulvalene] ₃ (HSO ₄) ₂ . <i>Journal of Applied Physics</i> , 2010, 108, . | 1.1 | 5 |
| 674 | Random-manifold to random-periodic depinning of an elastic interface. <i>Physical Review B</i> , 2010, 82, . | 1.1 | 23 |
| 675 | Indication of formation of charge density waves in silver nanoparticles dispersed poly(methyl) Tj ETQq1 1 0.784314 rgBT / Overlock 10 | 2.1 | 13 |
| 676 | Dynamics of Skyrmion Crystals in Metallic Thin Films. <i>Physical Review Letters</i> , 2011, 107, 136804. | 2.9 | 422 |
| 677 | Stochastic resonance and charge density wave dynamics in quasi-one-dimensional conductors. <i>Solid State Communications</i> , 2011, 151, 591-594. | 0.9 | 3 |
| 678 | Distribution of Maximum Velocities in Avalanches Near the Depinning Transition. <i>Physical Review Letters</i> , 2012, 109, 105702. | 2.9 | 22 |
| 679 | Electronic crystals: an experimental overview. <i>Advances in Physics</i> , 2012, 61, 325-581. | 35.9 | 385 |
| 680 | The effects of electric and magnetic fields on charge density wave solitons: Possible collective quantum behavior. <i>European Physical Journal: Special Topics</i> , 2013, 222, 1017-1034. | 1.2 | 3 |
| 681 | Numerical simulation study of the charge density wave dynamic properties in the one-dimensional systems. <i>Optical Materials</i> , 2013, 36, 60-63. | 1.7 | 0 |
| 682 | Fluctuating charge-density waves in a cuprate superconductor. <i>Nature Materials</i> , 2013, 12, 387-391. | 13.3 | 145 |
| 683 | Coherent quantum transport of charge density waves. <i>Physical Review B</i> , 2013, 87, . | 1.1 | 16 |
| 684 | Universal current-velocity relation of skyrmion motion in chiral magnets. <i>Nature Communications</i> , 2013, 4, 1463. | 5.8 | 557 |
| 685 | Metastability and microscopic avalanche dynamics in charge-density waves of chromium. <i>Physical Review B</i> , 2013, 88, . | 1.1 | 3 |
| 686 | Role of superposition of dislocation avalanches in the statistics of acoustic emission during plastic deformation. <i>Physical Review E</i> , 2013, 88, 042402. | 0.8 | 47 |
| 687 | Universal fluctuations and extreme statistics of avalanches near the depinning transition. <i>Physical Review E</i> , 2013, 87, 022126. | 0.8 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 688 | Oxygen adsorbates on the Si(111)4Å–1-In metallic atomic wire: Scanning tunneling microscopy and density-functional theory calculations. Physical Review B, 2014, 90, . | 1.1 | 8 |
| 689 | Prediction and Experimental Evidence for Thermodynamically Stable Charged Orbital Domain Walls. Physical Review X, 2014, 4, . | 2.8 | 1 |
| 690 | X-ray photon correlation spectroscopy. Journal of Synchrotron Radiation, 2014, 21, 1057-1064. | 1.0 | 144 |
| 691 | Phasons and Excitations in Skyrmion Lattice. Journal of the Physical Society of Japan, 2014, 83, 104711. | 0.7 | 22 |
| 692 | Giant frictional dissipation peaks and charge-density-wave slips at the NbSe ₂ surface. Nature Materials, 2014, 13, 173-177. | 13.3 | 52 |
| 693 | Charge-density-wave surface phase slips and noncontact nanofriction. Physical Review B, 2014, 89, . | 1.1 | 4 |
| 694 | Impurity Effect on the Inter-Chain Dielectric Response of the CDW Condensate in K _{0.3} MoO ₃ . Journal of the Physical Society of Japan, 2014, 83, 124702. | 0.7 | 0 |
| 695 | Evidence of the charge-density wave state in polypyrrole nanotubes. Physical Review B, 2015, 91, . | 1.1 | 7 |
| 696 | Effect of dilute strongly pinning impurities on charge density waves. Physical Review B, 2015, 91, . | 1.1 | 2 |
| 697 | Charge density wave in layered $\text{La}_{1-x}\text{Mn}_x\text{O}_2$. Physical Review B, 2015, 92, . | 1.1 | 1 |
| 698 | Charge density waves in individual nanoribbons of orthorhombic-TaS ₃ . Physical Chemistry Chemical Physics, 2015, 17, 18374-18379. | 1.3 | 6 |
| 699 | Spatially Resolved Transient Dynamics of Charge Density Waves in NbSe_3 . Physical Review Letters, 2015, 114, 016404. | 2.9 | 2 |
| 700 | Experimental Evidence for a Bragg Glass Density Wave Phase in a Transition-Metal Dichalcogenide. Physical Review Letters, 2015, 114, 026802. | 2.9 | 25 |
| 701 | Effect of a dilute random field on a continuous-symmetry order parameter. Physical Review B, 2015, 91, . | 1.1 | 5 |
| 702 | Non-contact Friction. Nanoscience and Technology, 2015, , 93-110. | 1.5 | 1 |
| 703 | Exact Results for a Toy Model Exhibiting Dynamic Criticality. Annales Henri Poincare, 2015, 16, 2837-2879. | 0.8 | 4 |
| 704 | Avalanche statistics from data with low time resolution. Physical Review E, 2016, 94, 052135. | 0.8 | 16 |
| 705 | Fast electronic resistance switching involving hidden charge density wave states. Nature Communications, 2016, 7, 11442. | 5.8 | 151 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 706 | Skyrmion-induced bound states in a p -wave superconductor. Physical Review B, 2016, 94, . | 1.1 | 14 |
| 707 | Laser-Induced Charge-Density-Wave Transient Depinning in Chromium. Physical Review Letters, 2016, 117, 156401. | 2.9 | 19 |
| 708 | Detailed investigation of the phase transition in $KxP4W8O32$ and experimental arguments for a charge density wave due to hidden nesting. Physical Review B, 2016, 93, . | 1.1 | 7 |
| 709 | Atomistic view of impurities interacting with a quasi-one-dimensional charge density wave. Physical Review B, 2016, 93, . | 1.1 | 1 |
| 710 | Phase coexistence and pinning of charge density waves by interfaces in chromium. Physical Review B, 2016, 94, . | 1.1 | 5 |
| 711 | Local resilience of the T charge density wave to Ti self-doping. Physical Review B, 2017, 95, . | 1.1 | 9 |
| 712 | Evidence of density waves in single-crystalline nanowires of pyrochlore iridates. Physical Review B, 2017, 95, . | 1.1 | 9 |
| 713 | Phase slip process and charge density wave dynamics in a one dimensional conductor. Results in Physics, 2017, 7, 3277-3280. | 2.0 | 3 |
| 714 | Instability of Dirac semimetal phase under a strong magnetic field. Physical Review B, 2017, 96, . | 1.1 | 10 |
| 715 | Bending and breaking of stripes in a charge ordered manganite. Nature Communications, 2017, 8, 1883. | 5.8 | 51 |
| 716 | Theory of hydrodynamic transport in fluctuating electronic charge density wave states. Physical Review B, 2017, 96, . | 1.1 | 76 |
| 717 | Properties of strained TaS ₃ samples in the state of charge density wave and in the normal state. Journal of Experimental and Theoretical Physics, 2017, 124, 665-677. | 0.2 | 14 |
| 718 | Narrowband noise study of sliding charge density waves in NbSe ₃ nanoribbons. New Journal of Physics, 2017, 19, 023001. | 1.2 | 4 |
| 719 | Electrically induced charge-density waves in a two-dimensional electron liquid: Effects of negative electronic compressibility. Physical Review B, 2017, 96, . | 1.1 | 4 |
| 720 | Theory of the magnetic skyrmion glass. Physical Review B, 2018, 97, . | 1.1 | 29 |
| 721 | Anomalous Photoconduction of Low-Temperature Charge-Density Wave in NbS ₃ -II as a Physical Basis of a Method for Detection of Weak Signals. Journal of Communications Technology and Electronics, 2018, 63, 1053-1058. | 0.2 | 5 |
| 722 | Pseudo-spin skyrmions in the phase diagram of cuprate superconductors. Journal of Physics Condensed Matter, 2018, 30, 295601. | 0.7 | 5 |
| 723 | Topological Order Generated by a Random Field in a 2D Exchange Model. Physical Review Letters, 2018, 121, 017201. | 2.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 724 | Current-induced dynamics of skyrmion strings. <i>Science Advances</i> , 2018, 4, eaat1115. | 4.7 | 49 |
| 725 | Field theories for loop-erased random walks. <i>Nuclear Physics B</i> , 2019, 946, 114696. | 0.9 | 9 |
| 726 | A New Type of Charge-Density-Wave Pinning in Orthorhombic TaS ₃ Crystals with Quenching Defects. <i>JETP Letters</i> , 2019, 110, 62-67. | 0.4 | 2 |
| 727 | Effect of long-range Coulomb interactions on electron transport in a nanoscale one-dimensional ring. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 112002. | 0.8 | 1 |
| 728 | <i>Colloquium</i> : Anomalous metals: Failed superconductors. <i>Reviews of Modern Physics</i> , 2019, 91, . | 16.4 | 130 |
| 729 | Numerical based study on charge density wave dynamics in a one-dimensional conductor in the low temperature limit. <i>Results in Physics</i> , 2019, 12, 1666-1669. | 2.0 | 4 |
| 730 | The Structure of State Transition Graphs in Systems with Return Point Memory: I. General Theory. <i>Annales Henri Poincare</i> , 2019, 20, 2819-2872. | 0.8 | 21 |
| 731 | Three-dimensional quantum Hall effect and metal-insulator transition in ZrTe ₅ . <i>Nature</i> , 2019, 569, 537-541. | 13.7 | 205 |
| 732 | Metal-to-Insulator Transitions in Strongly Correlated Regime. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 80. | 1.3 | 2 |
| 733 | Charge Density Wave Phase Transitions in Large-Scale Few-Layer 1T-VTe ₂ Grown by Molecular Beam Epitaxy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10729-10735. | 4.0 | 42 |
| 734 | Depinning Transition of Charge-Density Waves: Mapping onto Symmetric $\int_0^1 dx \int_0^1 dy \int_0^1 dz \int_0^1 dw$ | 2.9 | 7 |
| 735 | Theory with $\int_0^1 dx \int_0^1 dy \int_0^1 dz \int_0^1 dw$ Temperature effect on charge density wave-free carriers interaction. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 693, 76-81. | 0.4 | 0 |
| 736 | Fractionalized pair density wave in the pseudogap phase of cuprate superconductors. <i>Physical Review B</i> , 2019, 100, . | 1.1 | 31 |
| 737 | Axionic charge-density wave in the Weyl semimetal (TaSe ₄) ₂ I. <i>Nature</i> , 2019, 575, 315-319. | 13.7 | 143 |
| 738 | Evidence for topological defects in a photoinduced phase transition. <i>Nature Physics</i> , 2019, 15, 27-31. | 6.5 | 128 |
| 739 | Dynamic properties of a one-dimensional charge density wave compound in the presence of uncondensed-carriers: Insights from numerical experiences. <i>Results in Physics</i> , 2020, 16, 102900. | 2.0 | 1 |
| 740 | Theory for the Charge-Density-Wave Mechanism of 3D Quantum Hall Effect. <i>Physical Review Letters</i> , 2020, 125, 206601. | 2.9 | 50 |
| 741 | Forced Diffusion of Correlated Impurities in the Peierls Conductor o-TaS ₃ . <i>JETP Letters</i> , 2020, 112, 346-351. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 742 | Sliding Friction of Amorphous Asperities on Crystalline Substrates: Scaling with Contact Radius and Substrate Thickness. ACS Nano, 2020, 14, 16997-17003. | 7.3 | 9 |
| 743 | Net negative contributions of free electrons to the thermal conductivity of NbSe ₃ nanowires. Physical Chemistry Chemical Physics, 2020, 22, 21131-21138. | 1.3 | 4 |
| 744 | The essential role of surface pinning in the dynamics of charge density waves submitted to external dc fields. European Physical Journal B, 2020, 93, 1. | 0.6 | 2 |
| 745 | Impurity-pinned incommensurate charge density wave and local phonon excitations in $\text{H}_{1/2}\text{MnO}_2$. Physical Review B, 2020, 101, . | | |
| 746 | Discovery of the soft electronic modes of the trimeron order in magnetite. Nature Physics, 2020, 16, 541-545. | 6.5 | 26 |
| 747 | Bounds on precipitate hardening of line and surface defects in solids. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1. | 0.7 | 1 |
| 748 | Temperature effect on dynamic properties of the 1D CDW system in the presence of the uncondensed-carriers: A numerical study. Chinese Journal of Physics, 2020, 65, 33-37. | 2.0 | 0 |
| 749 | Distinction between pristine and disorder-perturbed charge density waves in ZrTe ₃ . Nature Communications, 2020, 11, 98. | 5.8 | 21 |
| 750 | Numerical study of the nonlocal effects in a charge density wave system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126427. | 0.9 | 0 |
| 751 | What Can Electric Noise Spectroscopy Tell Us on the Physics of Perovskites?. Coatings, 2021, 11, 96. | 1.2 | 13 |
| 752 | The quantum Hall effect in the absence of disorder. Npj Quantum Materials, 2021, 6, . | 1.8 | 7 |
| 753 | Emergent mesoscopic quantum vortex and Planckian dissipation in the strange metal phase. New Journal of Physics, 2021, 23, 043050. | 1.2 | 4 |
| 754 | Quantum fluidic charge density wave transport. Applied Physics Letters, 2021, 118, . | 1.5 | 5 |
| 755 | Collective states and charge density waves in the group IV transition metal trichalcogenides. Applied Physics Letters, 2021, 118, . | 1.5 | 22 |
| 756 | Hydrodynamic magneto-transport in charge density wave states. Journal of High Energy Physics, 2021, 2021, 1. | 1.6 | 19 |
| 757 | Thermal Dynamics of Charge Density Wave Pinning in ZrTe ₃ . Physical Review Letters, 2021, 126, 256401. | 2.9 | 12 |
| 758 | Some properties of sandpile models as prototype of self-organized critical systems. Physica Scripta, 2021, 96, 112001. | 1.2 | 5 |
| 759 | Dynamics of Complex Order Parameter After Photoexcitation. Springer Theses, 2021, , 105-123. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 760 | Defects and charge density waves in irradiated layer and chain compounds. , 1985, , 55-64. | | 3 |
| 761 | Phase vortices and CDW conduction noise. , 1985, , 218-226. | | 1 |
| 762 | Damping of CDW-condensate motion by interaction with thermal phasons. , 1985, , 227-239. | | 2 |
| 763 | Microscopic theory of interaction of CDW with impurities. Lecture Notes in Physics, 1985, , 240-249. | 0.3 | 1 |
| 764 | Introduction to Charge Density Wave Transport. NATO ASI Series Series B: Physics, 1996, , 371-388. | 0.2 | 3 |
| 765 | Theory of the Blue Phases of Chiral Nematic Liquid Crystals. The IMA Volumes in Mathematics and Its Applications, 1987, , 305-324. | 0.5 | 14 |
| 766 | Conductivity of Grain Boundaries and Dislocations in Semiconductors. NATO ASI Series Series B: Physics, 1989, , 15-37. | 0.2 | 8 |
| 767 | Recent Developments in Charge Density Wave Systems. NATO ASI Series Series B: Physics, 1990, , 357-377. | 0.2 | 5 |
| 768 | Coulomb-Blockade Oscillations in Semiconductor Nanostructures. NATO ASI Series Series B: Physics, 1992, , 167-216. | 0.2 | 36 |
| 769 | Dynamics of Quasi-One-Dimensional Charge Density Waves. NATO ASI Series Series B: Physics, 1987, , 409-424. | 0.2 | 2 |
| 770 | Moving Charge-Density Waves: The Low Frequency Response. NATO ASI Series Series B: Physics, 1987, , 433-453. | 0.2 | 3 |
| 771 | NMR Studies of Charge Density Waves in Low Dimensional Conductors. NATO ASI Series Series B: Physics, 1987, , 455-476. | 0.2 | 2 |
| 772 | Sudden Cardiac Death and Turbulence. Understanding Complex Systems, 2016, , 235-248. | 0.3 | 1 |
| 773 | Theory of the Quantum Hall Effect in Quasi-One-Dimensional Conductors. Springer Series in Materials Science, 2008, , 529-550. | 0.4 | 2 |
| 774 | Vortex Matter. , 2003, , 725-936. | | 6 |
| 775 | Friction and Forced Flow: Collective Transport in Disordered Media. Springer Series in Solid-state Sciences, 1987, , 339-349. | 0.3 | 1 |
| 776 | Experiments on the Nature of the Extreme Quantum Regime of a 2-D Electron System. Springer Series in Solid-state Sciences, 1990, , 192-206. | 0.3 | 2 |
| 777 | Novel Sliding Systems. Nanoscience and Technology, 1998, , 387-444. | 1.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 778 | Charge Density Wave Instabilities and Transport Properties of the Low Dimensional Molybdenum Bronzes and Oxides. Physics and Chemistry of Materials With Low-dimensional Structures, 1989, , 159-257. | 1.0 | 24 |
| 779 | Frequency-Dependent Conductivity in $K_{0.30}MoO_3$. Physics and Chemistry of Materials With Low-dimensional Structures, 1989, , 259-294. | 1.0 | 2 |
| 780 | Imperfections of Charge Density Waves in Blue Bronzes. Physics and Chemistry of Materials With Low-dimensional Structures, 1989, , 407-448. | 1.0 | 8 |
| 781 | An Approach to One-Dimensional Compounds. , 1986, , 1-26. | | 4 |
| 782 | Charge Density Wave Instability and Nonlinear Transport in the Quasi-One-Dimensional Blue Bronzes $K_{0.30}MoO_3$ and $Rb_{0.30}MoO_3$. , 1986, , 135-177. | | 19 |
| 783 | Pseudo-One-Dimensional MX_3 and MX_4 Transition Metal Chalcogenides. , 1986, , 205-279. | | 24 |
| 784 | Equilibrium Properties of TTF-TCNQ. , 1985, , 49-122. | | 16 |
| 785 | The Quasi-One-Dimensional Chalcogenides and Halides of Transition Elements. , 1985, , 163-229. | | 3 |
| 786 | Transition Metal Trichalcogenides. , 1980, , 293-303. | | 1 |
| 787 | Glassy Behavior of the Charge/Spin Density Wave Ground State. , 1993, , 339-358. | | 5 |
| 788 | Nuclear Spectroscopy of Charge Density Waves in Molybdenum Bronzes. Physics and Chemistry of Materials With Low-dimensional Structures, 1992, , 177-227. | 1.0 | 1 |
| 789 | Ground State Properties of Conducting Trichalcogenides. , 1985, , 1-40. | | 7 |
| 790 | Charge-Density Wave Transport in Transition Metal Tri- and Tetrachalcogenides. , 1985, , 139-268. | | 49 |
| 791 | Theory of Friction: Elastic Coherence Length and Earthquake Dynamics. , 1996, , 179-189. | | 5 |
| 793 | ONE-DIMENSIONAL CONDUCTORS. , 1981, , 367-389. | | 2 |
| 794 | Structural, Electronic Properties and Design of Quasi-One-Dimensional Inorganic Conductors. Modern Problems in Condensed Matter Sciences, 1989, 25, 15-83. | 0.1 | 5 |
| 795 | Dynamical Properties of Charge Density Waves. Modern Problems in Condensed Matter Sciences, 1989, 25, 137-189. | 0.1 | 5 |
| 796 | Deformation and Phase-slip in Charge Density Waves in Quasi-One-Dimensional Conductors. Modern Problems in Condensed Matter Sciences, 1989, , 191-221. | 0.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 797 | Transport Phenomena in CDW Conductors Microscopic Approach. Modern Problems in Condensed Matter Sciences, 1989, 25, 365-402. | 0.1 | 6 |
| 798 | Elastic Properties of Low-Dimensional Materials. , 2001, , 143-162. | | 5 |
| 799 | COULOMB-INDUCED PSEUDO-CRITICAL BEHAVIOUR IN DISORDERED CDW's. , 1986, , 216-218. | | 1 |
| 800 | Effect of substrate defects on commensurate-incommensurate transitions of adsorbed layers. Journal De Physique (Paris), Lettres, 1980, 41, 267-270. | 2.8 | 16 |
| 801 | Ondes de densité de charge : structure en domaines et bruit en 1/f 2. Journal De Physique (Paris), Lettres, 1982, 43, 677-681. | 2.8 | 2 |
| 802 | Theory of the memory effect in thiourea. Defect density waves in modulated systems. Journal De Physique (Paris), Lettres, 1984, 45, 627-637. | 2.8 | 60 |
| 803 | Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. Physical Review Research, 2020, 2, . | 1.3 | 27 |
| 804 | Role of rare events in the pinning problem. Physical Review Research, 2020, 2, . | 1.3 | 4 |
| 805 | Analytical Explanation for Numerical Simulation Results on CDW. Journal of the Physical Society of Japan, 1995, 64, 356-359. | 0.7 | 2 |
| 806 | Impurity Effects on Quantum Depinning of Commensurate Charge Density Waves. Journal of the Physical Society of Japan, 2000, 69, 2953-2961. | 0.7 | 1 |
| 807 | Non-Linear Conduction in the Density Wave State of Quasi-Two Dimensional Organic Conductor $\text{I}\pm\text{-(BEDT-TTF)}_2\text{KHg(SCN)}_4$. Journal of the Physical Society of Japan, 2004, 73, 1525-1531. | 0.7 | 2 |
| 808 | General continuum model for twisted bilayer graphene and arbitrary smooth deformations. SciPost Physics, 2019, 7, . | 1.5 | 34 |
| 812 | Overview of critical currents and vortex trapping phenomena in massive and nanometric high-TC superconductors. Journal of Nanoparticle Research, 2021, 23, 1. | 0.8 | 1 |
| 814 | Novel Sliding Systems. Nanoscience and Technology, 2000, , 435-496. | 1.5 | 0 |
| 815 | Collective Transport and Depinning. , 2009, , 1126-1141. | | 0 |
| 816 | Non-linear Transport in the Fröhlich Mode Conductor, NbSe ₃ . Springer Series in Solid-state Sciences, 1981, , 253-262. | 0.3 | 0 |
| 817 | THE BLUE BRONZE: THE CHARGE DENSITY WAVE STATE AND NON LINEAR TRANSPORT. , 1986, , 103-107. | | 0 |
| 818 | CHARGE DENSITY WAVE CONDUCTION: DYNAMICS AND FINITE SIZE EFFECTS. , 1986, , 76-79. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 819 | BREAKABLE CHARGE DENSITY WAVES. , 1986, , 59-63. | | 0 |
| 820 | DIRECT OBSERVATION OF CONDUCTION NOISE UNDER PULSED ELECTRIC FIELD IN THE NONOHMIC REGIME OF NbSe ₃ . , 1986, , 54-58. | | 0 |
| 821 | FREQUENCY DEPENDENT RESPONSE OF PINNED CDW CONDENSATES. , 1986, , 8-13. | | 0 |
| 822 | NUMERICAL STUDY OF STATICS AND DYNAMICS OF CHARGE-DENSITY-WAVES BASED ON FUKUYAMA-LEE-RICE MODEL. , 1986, , 80-84. | | 0 |
| 823 | MOSSBAUER STUDIES OF THE CHARGE DENSITY WAVE STATE OF 57Fe-K _{0.30} MoO ₃ . , 1986, , 186-188. | | 0 |
| 824 | NUMERICAL EXPERIMENTS ON GLASSY CHARGE DENSITY WAVES IN THREE DIMENSIONS. , 1986, , 85-89. | | 0 |
| 825 | ANALOGY BETWEEN DEPINNING OF A CHARGE DENSITY WAVE AND ELASTIC-PLASTIC TRANSITION IN METALLURGY. , 1986, , 111-113. | | 0 |
| 826 | BREAKING OF THE CDW COHERENCE IN VARIOUS INHOMOGENEOUS SITUATIONS. , 1986, , 64-68. | | 1 |
| 827 | NONLINEAR EFFECTS IN SMALL o-TaS ₃ SAMPLES. , 1986, , 73-75. | | 0 |
| 828 | Size Effects in Charge Density Wave Depinning. NATO ASI Series Series B: Physics, 1987, , 381-388. | 0.2 | 0 |
| 829 | Charge Density Wave Properties of the Molybdenum Blue Bronzes A _{0.30} MoO ₃ . NATO ASI Series Series B: Physics, 1987, , 477-496. | 0.2 | 2 |
| 830 | CDW Transport in TTF-TCNQ : Impurity, Coulombic and Commensurability Pinning. NATO ASI Series Series B: Physics, 1987, , 389-394. | 0.2 | 0 |
| 831 | Collective Effects in Charge Density Waves. NATO ASI Series Series B: Physics, 1987, , 425-432. | 0.2 | 1 |
| 832 | Defects, Hysteresis and Memory Effects in Modulated Systems. Springer Proceedings in Physics, 1988, , 184-201. | 0.1 | 2 |
| 833 | Properties of MX ₃ . Springer Series in Solid-state Sciences, 1988, , 106-143. | 0.3 | 0 |
| 834 | Competing Interactions: Charge Density Waves and Impurities. Springer Proceedings in Physics, 1988, , 202-211. | 0.1 | 0 |
| 835 | Theory of CDW Pinning by Weak Impurities. Modern Problems in Condensed Matter Sciences, 1989, , 293-320. | 0.1 | 0 |
| 836 | Computer Simulations of CDW Dynamics. Modern Problems in Condensed Matter Sciences, 1989, , 321-364. | 0.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 837 | Fröhlich Conduction of Spin Density Waves in Quasi-Two Dimensional Systems. NATO ASI Series Series B: Physics, 1989, , 303-314. | 0.2 | 0 |
| 839 | Sliding Charge Density Waves in Inorganic Crystals. NATO ASI Series Series B: Physics, 1990, , 277-284. | 0.2 | 0 |
| 840 | Nonlinear Electrical Transport Effects in the Spin-Density Wave State of the Organic Conductors (TMTSF) ₂ X. NATO ASI Series Series B: Physics, 1990, , 251-256. | 0.2 | 0 |
| 841 | Phasons in Ferroelectric Liquid Crystals. NATO ASI Series Series B: Physics, 1990, , 395-403. | 0.2 | 0 |
| 842 | Spin Density Waves in Organic Conductors. NATO ASI Series Series B: Physics, 1990, , 379-400. | 0.2 | 2 |
| 843 | Phase Coherence in Charge-density Wave Transport. , 1990, , 111-115. | | 0 |
| 844 | Spin Density Wave and Field Induced Spin Density Wave Transport. Springer Proceedings in Physics, 1990, , 91-96. | 0.1 | 0 |
| 845 | Collective Transport in Charge and Spin Density Waves. NATO ASI Series Series B: Physics, 1991, , 147-158. | 0.2 | 0 |
| 846 | Nuclear Spectroscopy Studies of Quasi-one-dimensional Transition Metal Chalcogenides. Physics and Chemistry of Materials With Low-dimensional Structures, 1992, , 113-175. | 1.0 | 0 |
| 847 | Nonequilibrium dynamics of fluctuating lines. NATO ASI Series Series B: Physics, 1995, , 89-110. | 0.2 | 0 |
| 848 | Dislocations in the Charge Density Wave State of NbSe ₃ . NATO ASI Series Series B: Physics, 1996, , 421-430. | 0.2 | 0 |
| 849 | Organic Superconductors and Spin Density Waves. NATO ASI Series Series B: Physics, 1996, , 141-169. | 0.2 | 1 |
| 850 | Spatially-Resolved Studies of Charge-Density-Wave Deformations and Phase Slip in NbSe ₃ . NATO ASI Series Series B: Physics, 1996, , 453-463. | 0.2 | 0 |
| 851 | Dislocations in the Charge Density Wave State of Nbse ₃ . NATO ASI Series Series B: Physics, 1996, , 411-419. | 0.2 | 0 |
| 852 | Theory of Charge and Spin Density Wave Transport. NATO ASI Series Series B: Physics, 1996, , 389-409. | 0.2 | 1 |
| 853 | Intrinsic Defects and Plasticity in Charge and Spin Density Waves. NATO ASI Series Series B: Physics, 1996, , 465-473. | 0.2 | 0 |
| 854 | Structural and Dynamical Aspects of the Charge Density Wave Instability. NATO ASI Series Series B: Physics, 1996, , 185-217. | 0.2 | 0 |
| 855 | Wigner Crystals. NATO ASI Series Series B: Physics, 1996, , 171-184. | 0.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 859 | Elucidating Complex Charge Density Wave Structures in Low-Dimensional Materials by Scanning Tunneling Microscopy. Physics and Chemistry of Materials With Low-dimensional Structures, 1999, , 225-257. | 1.0 | 0 |
| 862 | Charge density wave surface phase slips and non-contact nanofriction. , 2016, , 95-106. | | 0 |
| 865 | Reference key and author index for Part III. , 0, , 307-328. | | 0 |
| 866 | Soliton model of charge-density-wave depinning. , 1985, , 153-163. | | 0 |
| 867 | Some problems arising from electrostatic potential in CDW behavior. , 1985, , 173-177. | | 0 |
| 868 | The single domain model of charge-density wave transport. , 1985, , 178-187. | | 0 |
| 871 | Distortion, metastability and breaking in charge-density wave transport: Recent experiments on niobium triselenide, suggesting a new mean-field approach. , 1985, , 377-386. | | 1 |
| 872 | Bistable configurations of the pinned charge density wave: Random-field-model dynamics observed in rearrangement prior to depinning. , 1985, , 387-395. | | 1 |
| 873 | Domain growth and aging in the random field XY magnet on a fully connected graph. A Monte Carlo study. Physical Review E, 2021, 104, 044123. | 0.1 | 0 |
| 874 | Unified energy law for fluctuating density wave orders in cuprate pseudogap phase. Communications Physics, 2022, 5, . | 2.0 | 5 |
| 875 | Solution of the random field XY magnet on a fully connected graph. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 095001. | 0.7 | 6 |
| 876 | In-plane magnetic field induced density wave states near quantum spin Hall phase transitions. Physical Review B, 2022, 105, . | 1.1 | 6 |
| 877 | Nontrivial Doping Evolution of Electronic Properties in Ising S_{\pm} Superconducting Alloys. Advanced Materials, 2022, , 2200492. | 11.1 | 9 |
| 878 | Pseudogap phase and fractionalization: Predictions for Josephson junction setup. Physical Review B, 2022, 106, . | 1.1 | 2 |
| 879 | Theory and experiments for disordered elastic manifolds, depinning, avalanches, and sandpiles. Reports on Progress in Physics, 2022, 85, 086502. | 8.1 | 19 |
| 880 | Energy-length scaling of critical phase fluctuations in the cuprate pseudogap phase. Frontiers in Physics, 0, 10, . | 1.0 | 0 |
| 881 | Collective Transport and Depinning. , 2009, , 145-163. | | 0 |
| 882 | Shapiro steps in charge-density-wave states driven by ultrasound. Applied Physics Letters, 2023, 122, . | 1.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 883 | Charge order and emergent symmetries in cuprate superconductors. <i>Annals of Physics</i> , 2023, , 169233. | 1.0 | 1 |
| 884 | Electric backaction on moiré mechanics. <i>Physical Review B</i> , 2023, 107, . | 1.1 | 0 |
| 886 | Theoretical Study of CDW Sliding in the Presence of Surface Acoustic Waves. , 2023, , . | | 1 |