Vincenzo Pierro

List of Publications by Year in descending order

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36303 17105 18,371 143 51 122 citations h-index g-index papers 145 145 145 12379 docs citations times ranked citing authors all docs

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Bimodal Approach for Noise Figures of Merit Evaluation in Quantum-Limited Josephson Traveling Wave Parametric Amplifiers. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6. | 1.7 | 8 |
| 2 | First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, . | 6.6 | 20 |
| 3 | Analysis of Josephson junctions switching time distributions for the detection of single microwave photons. Chaos, Solitons and Fractals, 2021, 142, 110496. | 5.1 | 16 |
| 4 | A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218. | 4.5 | 144 |
| 5 | Emergence and Evolution of Crystallization in TiO2 Thin Films: A Structural and Morphological Study. Nanomaterials, 2021, 11, 1409. | 4.1 | 20 |
| 6 | Ternary quarter wavelength coatings for gravitational wave detector mirrors: Design optimization via exhaustive search. Physical Review Research, 2021, 3, . | 3.6 | 7 |
| 7 | Optimal Design of Coatings for Mirrors of Gravitational Wave Detectors: Analytic Turbo Solution via Herpin Equivalent Layers. Applied Sciences (Switzerland), 2021, 11, 11669. | 2.5 | 2 |
| 8 | Detection of signals in presence of noise through Josephson junction switching currents. Physical Review E, 2020, 101, 052205. | 2.1 | 14 |
| 9 | Voltage drop across Josephson junctions for Lévy noise detection. Physical Review Research, 2020, 2, . | 3.6 | 24 |
| 10 | Search for Subsolar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. Physical Review Letters, 2019, 123, 161102. | 7.8 | 119 |
| 11 | On the performance limits of coatings for gravitational wave detectors made of alternating layers of two materials. Optical Materials, 2019, 96, 109269. | 3.6 | 10 |
| 12 | Josephson-based Threshold Detector for Lévy-Distributed Current Fluctuations. Physical Review Applied, 2019, 11, . | 3.8 | 66 |
| 13 | Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal, 2019, 875, 160. | 4.5 | 97 |
| 14 | Improving astrophysical parameter estimation via offline noise subtraction for Advanced LIGO. Physical Review D, 2019, 99, . | 4.7 | 77 |
| 15 | Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108. | 7.8 | 254 |
| 16 | Stochastic first passage time accelerated with CUDA. Journal of Computational Physics, 2018, 361, 136-149. | 3.8 | 11 |
| 17 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3. | 26.7 | 808 |
| 18 | Identification and mitigation of narrow spectral artifacts that degrade searches for persistent gravitational waves in the first two observing runs of Advanced LIGO. Physical Review D, 2018, 97, . | 4.7 | 104 |

| # | Article | IF | Citations |
|----|--|-----|-----------|
| 19 | Localization of Gravitational Sources from Time-Frequency Maps. , 2018, , . | | 1 |
| 20 | Search for Subsolar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. Physical Review Letters, 2018, 121, 231103. | 7.8 | 77 |
| 21 | GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101. | 7.8 | 1,473 |
| 22 | Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. Physical Review Letters, 2018, 120, 201102. | 7.8 | 85 |
| 23 | Parallel Simulation of Josephson Junctions With Multiplicative Noise. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4. | 1.7 | 0 |
| 24 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1. | | 2 |
| 25 | Anomalous transport effects on switching currents of graphene-based Josephson junctions. Nanotechnology, 2017, 28, 134001. | 2.6 | 98 |
| 26 | Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002. | 4.0 | 98 |
| 27 | Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121101. | 7.8 | 194 |
| 28 | Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121102. | 7.8 | 84 |
| 29 | First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12. | 4.5 | 131 |
| 30 | The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209. | 2.4 | 69 |
| 31 | GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101. | 7.8 | 1,600 |
| 32 | Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13. | 8.3 | 2,314 |
| 33 | Quantum correlation measurements in interferometric gravitational-wave detectors. Physical Review A, 2017, 95, . | 2.5 | 16 |
| 34 | Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89. | 4.5 | 52 |
| 35 | First Demonstration of Electrostatic Damping of Parametric Instability at Advanced LIGO. Physical Review Letters, 2017, 118, 151102. | 7.8 | 24 |
| 36 | Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 851, L16. | 8.3 | 189 |

| # | Article | IF | Citations |
|----|---|------|-----------|
| 37 | Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated withÂGW170817. Astrophysical Journal Letters, 2017, 850, L39. | 8.3 | 156 |
| 38 | Effects of transients in LIGO suspensions on searches for gravitational waves. Review of Scientific Instruments, 2017, 88, 124501. | 1.3 | 6 |
| 39 | GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35. | 8.3 | 968 |
| 40 | Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001. | 4.0 | 225 |
| 41 | Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1. | 26.7 | 427 |
| 42 | THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1. | 8.3 | 230 |
| 43 | Accurate switching currents measurements in quantum washboard potential. , 2016, , . | | O |
| 44 | LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13. | 8.3 | 210 |
| 45 | UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR–BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. Astrophysical Journal Letters, 2016, 832, L21. | 8.3 | 146 |
| 46 | Sensitivity of the Advanced LIGO detectors at the beginning of gravitational wave astronomy. Physical Review D, 2016, 93, . | 4.7 | 286 |
| 47 | GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102. | 7.8 | 269 |
| 48 | GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103. | 7.8 | 466 |
| 49 | Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101. | 7.8 | 1,224 |
| 50 | Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102. | 7.8 | 673 |
| 51 | Nonideal quantum measurement effects on the switching-current distribution of Josephson junctions. Physical Review A, 2016, 94, . | 2.5 | 3 |
| 52 | ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22. | 8.3 | 633 |
| 53 | Interplay between detection strategies and stochastic resonance properties. Communications in Nonlinear Science and Numerical Simulation, 2016, 30, 15-31. | 3.3 | 19 |
| 54 | Sequential nonideal measurements of quantum oscillators: Statistical characterization with and without environmental coupling. Physical Review A, 2015, 92, . | 2.5 | 4 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Fabry–Perot filters with tunable Josephson junction defects. Physica C: Superconductivity and Its Applications, 2015, 517, 37-40. | 1.2 | 8 |
| 56 | Material loss angles from direct measurements of broadband thermal noise. Physical Review D, 2015, 91, . | 4.7 | 24 |
| 57 | Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012. | 4.0 | 1,029 |
| 58 | Switching times in Fabry-Perot measurements. , 2015, , . | | 0 |
| 59 | SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39. | 4.5 | 66 |
| 60 | FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. Astrophysical Journal, Supplement Series, 2014, 211, 7. | 7.7 | 57 |
| 61 | Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, 131101. | 7.8 | 68 |
| 62 | Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, 231101. | 7.8 | 86 |
| 63 | Negative differential resistance in Josephson junctions coupled to a cavity. Physica C: Superconductivity and Its Applications, 2014, 503, 178-182. | 1.2 | 5 |
| 64 | Negative Differential Resistance due to Nonlinearities in Single and Stacked Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-7. | 1.7 | 6 |
| 65 | Noise estimate of pendular Fabry-Perot through reflectivity change. , 2014, , . | | 1 |
| 66 | GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119. | 4.5 | 125 |
| 67 | Membrane Heating in Living Tissues Exposed to Nonthermal Pulsed EM Fields. IEEE Transactions on Plasma Science, 2014, 42, 2236-2244. | 1.3 | 11 |
| 68 | NEURAL NETWORK AIDED GLITCH-BURST DISCRIMINATION AND GLITCH CLASSIFICATION. International Journal of Modern Physics C, 2013, 24, 1350084. | 1.7 | 29 |
| 69 | Escape time characterization of pendular Fabry-Perot. Europhysics Letters, 2013, 101, 20005. | 2.0 | 11 |
| 70 | Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. Nature Photonics, 2013, 7, 613-619. | 31.4 | 825 |
| 71 | Robust gravitational wave burst detection and source localization in a network of interferometers using cross-Wigner spectra. Classical and Quantum Gravity, 2012, 29, 045001. | 4.0 | 2 |
| 72 | The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002. | 4.0 | 73 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Escape Time of Josephson Junctions for Signal Detection. Progress in Optical Science and Photonics, 2012, , 657-678. | 0.5 | 1 |
| 74 | Characterization of escape times of Josephson junctions for signal detection. Physical Review E, 2012, 85, 016708. | 2.1 | 45 |
| 75 | Blind source separation and Wigner-Ville transform as tools for the extraction of the gravitational wave signal. Physical Review D, 2011, 83, . | 4.7 | 3 |
| 76 | SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452. | 4.5 | 60 |
| 77 | A Thermal Model for Pulsed EM Field Exposure Effects in Cells at Nonthermal Levels. IEEE Transactions on Plasma Science, 2010, 38, 149-155. | 1.3 | 23 |
| 78 | SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685. | 4.5 | 155 |
| 79 | Detection of noise-corrupted sinusoidal signals with Josephson junctions. Physical Review E, 2010, 82, 046712. | 2.1 | 31 |
| 80 | Measurement of thermal noise in multilayer coatings with optimized layer thickness. Physical Review D, 2010, 81 , . | 4.7 | 55 |
| 81 | Directive emission from defect-free dodecagonal photonic quasicrystals: A leaky wave characterization. Physical Review B, 2009, 79, . | 3.2 | 19 |
| 82 | An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994. | 27.8 | 303 |
| 83 | STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. Astrophysical Journal, 2009, 701, L68-L74. | 4.5 | 45 |
| 84 | A parametric study of the lensing properties of dodecagonal photonic quasicrystals. Photonics and Nanostructures - Fundamentals and Applications, 2008, 6, 60-68. | 2.0 | 15 |
| 85 | Mode confinement in photonic quasicrystal point-defect cavities for particle accelerators. Applied Physics Letters, 2008, 93, 164102. | 3.3 | 18 |
| 86 | Aperiodic-Tiling-Based Mushroom-Type High-Impedance Surfaces. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 54-57. | 4.0 | 2 |
| 87 | Photonic Quasicrystals, Some Properties and Applications. , 2008, , . | | 0 |
| 88 | Genetically Optimized Metasurface Pairs for Wideband Out-of-Phase Mutual Response. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 788-791. | 4.0 | 7 |
| 89 | Evidence of local effects in anomalous refraction and focusing properties of dodecagonal photonic quasicrystals. Physical Review B, 2008, 77, . | 3.2 | 34 |
| 90 | A comparative study of directive emission from photonic quasicrystals. Proceedings of SPIE, 2008, , . | 0.8 | 0 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Implications for the Origin of GRB 070201 from LIGO Observations. Astrophysical Journal, 2008, 681, 1419-1430. | 4.5 | 143 |
| 92 | Radiation from Fibonacci-type Quasiperiodic Arrays on Dielectric Substrates. Journal of Electromagnetic Waves and Applications, 2007, 21, 1231-1245. | 1.6 | 3 |
| 93 | Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369. | 4.0 | 78 |
| 94 | Perspectives on beam-shaping optimization for thermal-noise reduction in advanced gravitational-wave interferometric detectors: Bounds, profiles, and critical parameters. Physical Review D, 2007, 76, . | 4.7 | 4 |
| 95 | Scattering Properties of One-Dimensional Aperiodically-Ordered Strip Arrays Based on Two-Symbol Substitutional Sequences. IEEE Transactions on Antennas and Propagation, 2007, 55, 1554-1563. | 5.1 | 3 |
| 96 | High-Impedance Surfaces with Aperiodically-Ordered Textures. , 2007, , . | | 0 |
| 97 | Analytic Properties of a Class of Hyperboloidal Beams in Nearly-Spheroidal Fabry-Perot Optical Cavities., 2007,,. | | 0 |
| 98 | Analytic structure of a family of hyperboloidal beams of potential interest for advanced LIGO. Physical Review D, 2006, 73, . | 4.7 | 10 |
| 99 | Localized modes in photonic quasicrystals with Penrose-type lattice. Optics Express, 2006, 14, 10021. | 3.4 | 53 |
| 100 | Optimized multilayer dielectric mirror coatings for gravitational wave interferometers. , 2006, , . | | 22 |
| 101 | A Comparative Study of Representative Categories of EBG Dielectric Quasi-Crystals. IEEE Antennas and Wireless Propagation Letters, 2006, 5, 331-334. | 4.0 | 23 |
| 102 | Metamaterial inclusions based on grid-graph Hamiltonian paths. Microwave and Optical Technology Letters, 2006, 48, 2520-2524. | 1.4 | 5 |
| 103 | Parameterizing wave interactions with aperiodic order: threads in a tapestry. , 2006, , . | | 0 |
| 104 | Band Gap Formation and Multiple Scattering in Photonic Quasicrystals with a Penrose-Type Lattice. Physical Review Letters, 2005, 94, 183903. | 7.8 | 100 |
| 105 | Ray-chaotic footprints in deterministic wave dynamics: a test model with coupled Floquet-type and ducted-type mode characteristics. IEEE Transactions on Antennas and Propagation, 2005, 53, 753-765. | 5.1 | 7 |
| 106 | Radiation properties of planar antenna arrays based on certain categories of aperiodic tilings. IEEE Transactions on Antennas and Propagation, 2005, 53, 635-644. | 5.1 | 91 |
| 107 | Parameterizing quasi-periodicity: generalized Poisson summation and its application to modified-Fibonacci antenna arrays. IEEE Transactions on Antennas and Propagation, 2005, 53, 2044-2053. | 5.1 | 11 |
| 108 | Radiation properties of one-dimensional random-like antenna arrays based on Rudin-Shapiro sequences. IEEE Transactions on Antennas and Propagation, 2005, 53, 3568-3575. | 5.1 | 10 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | How many templates for GW chirp detection? The minimal-match issue revisited. Classical and Quantum Gravity, 2004, 21, 4955-4961. | 4.0 | 3 |
| 110 | Correlator bank detection of gravitational wave chirpsâ€"False-alarm probability, template density, and thresholds: Behind and beyond the minimal-match issue. Physical Review D, 2004, 70, . | 4.7 | 4 |
| 111 | Rejection properties of stochastic-resonance-based detectors of weak harmonic signals. Physical Review E, 2004, 69, 062104. | 2.1 | 6 |
| 112 | A procedure to measure electromagnetic skin depth in microwave heating. Infrared Physics and Technology, 2004, 46, 49-55. | 2.9 | 7 |
| 113 | Gravitational wave chirp search: no-signal cumulative distribution of the maximum likelihood detection statistic. Classical and Quantum Gravity, 2003, 20, S803-S813. | 4.0 | 3 |
| 114 | Optimum placement of post-1PN gravitational wave chirp templates made simple at any match level via Tanaka-Tagoshi coordinates. Physical Review D, 2002, 65, . | 4.7 | 6 |
| 115 | <title>Dielectric constant measurements by IR thermography in microwave heating</title> ., 2002, 4710, 558. | | 2 |
| 116 | IR temperature measurements in microwave heating. Infrared Physics and Technology, 2002, 43, 145-150. | 2.9 | 24 |
| 117 | Computation of hyperngeometric functions for gravitationally radiating binary stars. Monthly Notices of the Royal Astronomical Society, 2002, 334, 855-858. | 4.4 | 7 |
| 118 | Fast and accurate computational tools for gravitational waveforms from binary stars with any orbital eccentricity. Monthly Notices of the Royal Astronomical Society, 2001, 325, 358-372. | 4.4 | 36 |
| 119 | Tanaka-Tagoshi parametrization of post-first-post-Newtonian spin-free gravitational wave chirps: Equispaced and cardinal interpolated lattices for first generation interferometric antennas. Physical Review D, 2001, 64, . | 4.7 | 5 |
| 120 | More on the Tanaka-Tagoshi parametrization of post-1PN spin-free gravitational wave chirps: Equispaced and cardinal interpolated lattices. Physical Review D, 2001, 64, . | 4.7 | 1 |
| 121 | Analytical approximations for fundamental-mode field and dispersion equation of planar waveguides through the Stevenson-Pad� approach. Microwave and Optical Technology Letters, 2000, 27, 158-162. | 1.4 | 8 |
| 122 | Efficient Faulty Element Diagnostics of Large Antenna Arrays by Discrete Mean Field Neural Nets. Progress in Electromagnetics Research, 2000, 25, 53-76. | 4.4 | 10 |
| 123 | Gravitational wave chirp search: Economization of post-Newtonian matched filter bank via cardinal interpolation. Physical Review D, 2000, 62, . | 4.7 | 8 |
| 124 | Nearly minimum redundant correlator interpolation formula for gravitational wave chirp detection. Physical Review D, 2000, 62, . | 4.7 | 8 |
| 125 | Efficient Faulty Element Diagnostics of Large Antenna Arrays By Discrete Mean Field Neural Nets - Abstract *. Journal of Electromagnetic Waves and Applications, 1999, 13, 1685-1686. | 1.6 | 3 |
| 126 | A model-based parameter estimation approach for numerical analysis of single-mode optical fibers. Journal of Lightwave Technology, 1999, 17, 684-689. | 4.6 | 2 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Electromagnetic chaos in mode-stirred reverberation enclosures. IEEE Transactions on Electromagnetic Compatibility, 1998, 40, 185-192. | 2.2 | 33 |
| 128 | A Generalized Donsker-kaĕFormula to Compute the Fundamental Modes in Complex Loaded Waveguides. Electromagnetics, 1998, 18, 367-382. | 0.7 | 0 |
| 129 | Evaluation of stochastic-resonance-based detectors of weak harmonic signals in additive white Gaussian noise. Physical Review E, 1998, 57, 6470-6479. | 2.1 | 91 |
| 130 | Single-mode optical fibers using Pade approximants. , 1998, 8, 305-307. | | 5 |
| 131 | Cut-off Frequency and Dominant Eigenfunction Computation in Complex Dielectric Geometries via Donsker-KaĕFormula and Monte Carlo Method. Electromagnetics, 1997, 17, 1-14. | 0.7 | 5 |
| 132 | Wiener Integral Monte Carlo Approach to Analyze the Fundamental Mode in Complex Transmission Lines. Electromagnetics, 1997, 17, 437-448. | 0.7 | 0 |
| 133 | Path integral computation of lowest order modes in arbitrary-shaped inhomogeneous waveguides. , 1997, 7, 402-404. | | 2 |
| 134 | Exact solution of Peters-Mathews equations for any orbital eccentricity. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1996, 111, 631-644. | 0.2 | 9 |
| 135 | Gravitational-wave chirps: accumulating phase errors due to residual orbital eccentricity. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1996, 111, 1517-1525. | 0.2 | 5 |
| 136 | Steady State Population Statistics of Compact Binary Stars. Astrophysical Journal, 1996, 469, 272. | 4.5 | 4 |
| 137 | Radiation-pressure induced chaos in multipendular Fabry-Perot resonators. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 185, 14-20. | 2.1 | 7 |
| 138 | SNR degradation in matched-filter detection of GW chirps from coalescing binaries due to neglect of the relativistic periastron advance. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 173, 121-125. | 2.1 | 2 |
| 139 | A flexible simulation code for microwave curing of polymers. Makromolekulare Chemie Macromolecular Symposia, 1993, 68, 193-201. | 0.6 | 0 |
| 140 | Neural net aided fault diagnostics of large antenna arrays. , 0, , . | | 1 |
| 141 | Bouncing-ray chaos for smart media. , 0, , . | | 3 |
| 142 | Radiation and Scattering from One-Dimensional Aperiodically-Ordered Structures Based on Two-Letter Substitutional Sequences. , 0, , . | | 1 |
| 143 | Wave-oriented data-processing of fields scattered by one-dimensional aperiodically-ordered structures. , 0, , . | | 1 |