

Dependence of multifractal analysis parameters on the darkness of a processed image

Martsepp, Merike; Laas, Tõnu; Laas, Katrin; **Priimets, Jaanis**; Tõkke, Siim; **Mikli, Valdek** Chaos, Solitons & Fractals 2022 / art. 111811 <https://doi.org/10.1016/j.chaos.2022.111811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Generalized Langevin equation with multiplicative noise : temporal behavior of the autocorrelation functions

Mankin, Romi; Laas, Katrin; **Sauga, Ako** Physical review E 2011 / p. 061131 [10 p.]

Influence of memory time on the resonant behavior of an oscillatory system described by a generalized Langevin equation

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** International journal of mathematical models and methods in applied sciences 2011 / p. 280-289 : ill

Multidimensional analysis of inertial fusion devices relevant materials irradiated with high energy plasma beams with plasma focus device

Laas, Tõnu; Laas, Katrin; Paju, Jana; **Shirokova, Veronika**; **Priimets, Jaanis**; Väli, Berit Pathways to Energy from Inertial Fusion: Structural materials for Inertial Fusion Facilities : Final Report of a Coordinated Research Project 2020 / p. 46-74 : ill. ["Multidimensional analysis of inertial fusion devices relevant materials irradiated with high energy plasma beams with plasma focus device"](#)

Multifractal analysis of high-temperature plasma irradiated tungsten surfaces

Martsepp, Merike; Laas, Tõnu; Laas, Katrin; **Priimets, Jaanis**; **Mikli, Valdek**; **Antonov, Maksim** Surface topography : metrology and properties 2021 / 13 p. : ill <https://doi.org/10.1088/2051-672X/ac1dc3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the effects of different regimes of plasma pulses affecting the material due to their succession

Paju, Jana; Laas, Tõnu; **Priimets, Jaanis**; Väli, Berit; **Shirokova, Veronika**; Laas, Katrin Nuclear materials and energy 2019 / p. 312-320 : ill <https://doi.org/10.1016/j.nme.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stochastic multiresonance and correlation-time-controlled stability for a harmonic oscillator with fluctuating frequency

Mankin, Romi; Laas, Katrin; Laas, Tõnu; **Reiter, Eerik** Physical review E 2008 / 3, p. 031120 [11 p.]

Stochastic resonance in the case of a generalized langevin equation with a Mittag-Leffler friction kernel

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** Advances in Mathematical and Computational Methods : proceedings of the 12th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE`10) 2010 / p. 313-318