

### **Comparison of multifractal parameters of surface defects and non-defects**

Martsepp, Merike; Laas, Tõnu; Tõkke, Siim; **Priimets, Jaanis; Mikli, Valdek** Proceedings of the Estonian Academy of Sciences 2023 / p. 115-127 : ill <https://doi.org/10.3176/proc.2023.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Effect of pulsed deuterium plasma irradiation on dual-phase tungsten high-entropy alloys**

Tõkke, Siim; Laas, Tõnu; **Priimets, Jaanis; Tarraste, Marek; Mikli, Valdek; Antonov, Maksim** Fusion engineering and design 2022 / 11 p. : ill <https://doi.org/10.1016/j.fusengdes.2022.113260> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effect of pulsed deuterium plasma irradiation on dual-phase tungsten medium-entropy alloys**

**Laas, Tõnu; Tõkke, Siim; Paju-Hamburg, Jana; Tarraste, Marek; Mikli, Valdek; Antonov, Maksim; Priimets, Jaanis;** Czarkowski, Piotr; Miklaszewski, Ryszard; Paduch, Marian Fusion engineering and design 2025 / art. 115229 <https://doi.org/10.1016/j.fusengdes.2025.115229>

### **The experimental and theoretical investigations of damage development and distribution in double-forged tungsten under plasma irradiation-initiated extreme heat loads**

Väli, Berit; Laas, Tõnu; Paju, Jana; **Antonov, Maksim** Nukleonika 2016 / p. 169-177 : ill <https://doi.org/10.1515/nuka-2016-0029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Impact of pulsed deuterium plasma irradiation on dual-phase tungsten alloys**

Tõkke, Siim; Laas, Tõnu; **Priimets, Jaanis; Mikli, Valdek; Antonov, Maksim** Fusion engineering and design 2021 / art. 112215, 10 p. : ill <https://doi.org/10.1016/j.fusengdes.2020.112215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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, Veroonika;** 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](#)