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Wykaz dziesięciu ważniejszych publikacji doktoranta:

- [1] **Damian Harasim**; Polarization-insensitive refractive index measurement using cascaded perpendicular tilted fiber Bragg gratings.- 2022 Measurement [Przyjęta do druku w dniu składania autoreferatu] (**IF: 5.2**)
- [2] **Damian Harasim**; Temperature-insensitive bending measurement method using optical fiber sensors. Sensors and Actuators A - Physical.- 2021, vol. 332, nr Pt 2, s. 1-9 (**IF: 4.29**)
- [3] **Damian Harasim**; The influence of fibre bending on polarization-dependent twist sensor based on tilted Bragg grating. Metrology and Measurement Systems.- 2017, vol. 24, nr 3, s. 577-584 (**IF: 1.1**)
- [4] **Damian Harasim**, Piotr Kisała, Bakhyt Yeraliyeva and Janusz Mroczyk; Design and Manufacturing Optoelectronic Sensors for the Measurement of Refractive Index Changes under Unknown Polarization State. Sensors 2021, vol. 21, nr 21, s. 1-29 (**IF:3.8**)
- [5] **Damian Harasim**, Sławomir Ciężczyk; The method of elimination of light polarization cross sensitivity on tilted fiber Bragg grating bending sensor, Metrology and Measurement Systems 2022, 29(4) [Przyjęta do druku w dniu składania autoreferatu] (**IF: 1.1**)
- [6] Piotr Kisała, **Damian Harasim**, Janusz Mroczyk; Temperature-insensitive simultaneous rotation and displacement (bending) sensor based on tilted fiber Bragg grating. Optics Express.- 2016, vol. 24, nr 26, s. 29922-29929 (**IF: 3.6**)
- [7] Sławomir Ciężczyk, **Damian Harasim**, Piotr Kisała; A Novel Simple TFBG Spectrum Demodulation Method for RI Quantification. IEEE Photonics Technology Letters 2017, vol. 29, nr 24, s. 2264-2267 (**IF:2.6**)
- [8] Sławomir Ciężczyk, **Damian Harasim**, Piotr Kisała; Novel twist measurement method based on TFBG and fully optical ratiometric interrogation. Sensors and Actuators A - Physical.- 2018, vol. 272, s. 18-22 (**IF: 2.6**)
- [9] Michał Wydra, Piotr Kisała, **Damian Harasim**, Piotr Kacejko; Overhead Transmission Line Sag Estimation Using a Simple Optomechanical System with Chirped Fiber Bragg Gratings. Part 1: Preliminary Measurements. Sensors 2018, vol. 18, nr 1, s. 1-14 (**IF: 2.8**)
- [10] Sławomir Ciężczyk, **Damian Harasim**, Ainur Ormanbekova, Krzysztof Skorupski, Martyna Wawrzyk; Methods of Projecting Mode Amplitude Changes on the Wavelength Axis in Order to Determine the Bending Radius on the Basis of TFBG Grating Spectra. Sensors 2021, vol. 21, nr 22, s. 1-14 (**IF: 3.5**)