

Erwin Wojtczak

Lista Publikacji

1. Wojtczak, E., & Rucka, M. (2021). Monitoring the curing process of epoxy adhesive using ultrasound and Lamb wave dispersion curves. *Mechanical Systems and Signal Processing*, 151, 107397. <https://doi.org/10.1016/j.ymssp.2020.107397>
2. Wojtczak E., Rucka M. (2022). Damage imaging algorithm for non-destructive inspection of CFRP/steel adhesive joints based on ultrasonic guided wave propagation. *Composite Structures*, 297, 115930. <https://doi.org/10.1016/j.compstruct.2022.115930>
3. Wojtczak, E., Rucka, M., & Knak, M. (2020). Detection and imaging of debonding in adhesive joints of concrete beams strengthened with steel plates using guided waves and weighted root mean square. *Materials*, 13(9), 2167. <https://doi.org/10.3390/ma13092167>
4. Rucka M., Wojtczak E., Knak M., Kurpińska M. (2021). Characterization of fracture process in polyolefin fibre-reinforced concrete using ultrasonic waves and digital image correlation. *Construction and Building Materials*, 280, 122522. <https://doi.org/10.1016/j.conbuildmat.2021.122522>
5. Wojtczak E., Rucka M., Skarżyński Ł. (2022). Monitoring the fracture process of concrete during splitting using integrated ultrasonic coda wave interferometry, digital image correlation and X-ray micro-computed tomography. *NDT and E International*, 126, 102591. <https://doi.org/10.1016/j.ndteint.2021.102591>