

List of publications of Guoying Zhao

List fulfilling the [Guide for applicants 2019](#)'s requirements

3. Articles published in peer-review journals

1. **Zhao, G.**, Alujevia, N., Depraetere, B., Pinte, G., & Sas, P. (2016). Adaptive-passive control of structure-borne noise of rotating machinery using a pair of shunted inertial actuators *Journal of intelligent material systems and structures*, 27(12), 1584-1599. doi:10.1177/1045389X15600080
2. **Zhao, G.**, AlujeviÄ#, N., Depraetere, B., & Sas, P. (2015). Dynamic analysis and ∞ optimisation of a piezo-based tuned vibration absorber *Journal of intelligent material systems and structures*, 26(15), 1995-2010. doi:10.1177/1045389X14546652
3. **Zhao, G.**, AlujeviÄ#, N., Depraetere, B., Pinte, G., Swevers, J., & Sas, P. (2015). Experimental study on active structural acoustic control of rotating machinery using rotating piezo-based inertial actuators *Journal of sound and vibration*, 348, 15-30. doi:10.1016/j.jsv.2015.03.013
4. AlujeviÄ#, N., Wolf-Watz, H., Depraetere, B., **Zhao, G.**, Domazet, Z., Pluymers, B., & Desmet, W. (2015). Self-tuneable velocity feedback for active isolation of random vibrations in subcritical two degree of freedom systems *Acustica United with Acta Acustica*, 101(5), 950-963. doi:10.3813/AAA.918890
5. AlujeviÄ#, N., **Zhao, G.**, Depraetere, B., Sas, P., Pluymers, B., & Desmet, W. (2014). H_2 optimal vibration control using inertial actuators and a comparison with tuned mass dampers *Journal of sound and vibration*, 333(18), 4073-4083. doi:10.1016/j.jsv.2014.04.038

4. Articles published in conference proceedings

1. **Zhao, G.**, Paknejad Seyedahmadian, A., Raze, G., Kerschen, G., & Collette, C. (2018). ## optimization of positive position feedback control for mitigation of nonlinear vibrations Abstract session presented at (2018.09.17-2018.09.19: Leuven).
2. **Zhao, G.**, Paknejad Seyedahmadian, A., Raze, G., Kerschen, G., & Collette, C. (2018). ## optimization of positive position feedback control for mitigation of nonlinear vibrations Abstract session presented at (2018.09.17-2018.09.19: Leuven, Belgium).
3. Raze, G., Lossouarn, B., Paknejad Seyedahmadian, A., **Zhao, G.**, Collette, C., & Kerschen, G. (2018). A multimodal nonlinear piezoelectric vibration absorber Abstract session presented at (September 17-19, 2018: Leuven, Belgium).
4. **Zhao, G.**, Paknejad Seyedahmadian, A., Raze, G., Kerschen, G., & Collette, C. (2018). ## optimization of integral force feedback control for mitigation of nonlinear vibrations Abstract session presented at (2018.07.22-2018.07.25: Qingdao, China).

5. Billon, K., Perez, M., Chesne, S., **Zhao, G.**, & Collette, C. (2018). HYBRID MASS DAMPER EXPERIMENTAL ANALYSIS OF SHOCK RESPONSE Abstract session presented at .

5. Oral presentations during conferences, which include a review committee

1. Ding, B., **Zhao, G.**, Watchi, J., & Collette, C. (2018). *Huddle test of optical inertial sensors combined with slightly damped mechanics* Paper session presented at ISMA conference. https://dipot.ulb.ac.be/dspace/bitstream/2013/278153/3/ISMA2018_paper.pdf
2. Watchi, J., Ding, B., **Zhao, G.**, & Collette, C. (2018). *Active Seismic Isolation using Optical Inertial Sensors* Paper session presented at 7th Belgian-Dutch Gravitational Waves Meeting (29-05-2018: Smitsborg, Zernike Campus, University of Groningen). https://dipot.ulb.ac.be/dspace/bitstream/2013/271247/3/Active_seismic_isolation_using_optical_inertial.pdf