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Publikacje, które powstały w ramach realizacji badań finansowanych przez NCN:

1. **Zoladz JA**, **Grandys M**, Smeda M, Kij A, Kwiatkowski K, Karasinski J, Hendgen-Cotta U, Chlopicki S, **Majerczak J**. Myoglobin deficiency impairs maximal oxygen uptake and exercise performance - a lesson from the Mb-/- mice. 2024; *J Physiol.* in press
2. **Majerczak J**, Drzymala-Celichowska H, **Grandys M**, Kij A, Kus K, Celichowski J, Krysciak K, Molik WA BSc, Szkutnik Z, **Zoladz JA**. Exercise Training Decreases Nitrite Concentration in the Heart and Locomotory Muscles of Rats Without Changing the Muscle Nitrate Content. *J Am Heart Assoc.* 2024; 13: e031085. doi: 10.1161/JAHA.123.031085 (IF: 5.6 w 2022)
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4. **Majerczak J**, Kij A, Drzymala-Celichowska H, Kus K, Karasinski J, Nieckarz Z, **Grandys M**, Celichowski J, Szkutnik Z, Hendgen-Cotta UB, **Zoladz JA**. Nitrite Concentration in the Striated Muscles Is Reversely Related to Myoglobin and Mitochondrial Proteins Content in Rats. *Int J Mol Sci.* 2022; 23: 2686. doi:10.3390/ijms23052686. (IF: 5.6)
5. **Zoladz JA**, Nieckarz Z, Szkutnik Z, Pyza E, Chlopicki S, **Majerczak J**. Characterization of age-dependent decline in spontaneous running performance in the heart failure Tgαq44 mice. *J Physiol Pharmacol.* 2021; 72. doi: 10.26402/jpp.2021.2.11. (IF: 2.589)
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7. **Majerczak J**, Filipowska J, Tylko G, **Guzik M**, Karasinski J, **Piechowicz E**, Pyza E, Chlopicki S, **Zoladz JA**. Impact of long-lasting spontaneous physical activity on bone morphogenetic protein 4 in the heart and tibia in murine model of heart failure. *Physiol Rep.* 2020; 8: e14412. doi:10.14814/phy2.14412. N/A