



Projekta Izp-2018/1-0188 rezultāti

Fotopletizmogrāfijas attēlveide hronisku sāpju novērtējumam

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Marcinkevics, Z.; Aglinska, A.; Rubins, U.; Mikale, A.; Grabovskis, A. Imaging photoplethysmography for evaluation of cutaneous sensory nerve fiber function. – Biophotonics -Riga 2020, <https://doi.org/10.1117/12.2581705>
2. Marcinkevics, Z.; Ilango, K.; Balode, P.; Rubins, U.; Grabovskis, A. The assessment of gingivitis using remote photoplethysmography. – Biophotonics - Riga 2020, <https://doi.org/10.1117/12.2581969>
3. Marcinkevics, Z.; Rubins, U.; Aglinska, A.; Caica, A.; Grabovskis, A. Remote photoplethysmography for skin perfusion monitoring using narrowband illumination. - Clinical and Preclinical Optical Diagnostics, II, 2019, <https://doi.org/10.1117/12.2527221>
4. Rubins, U.; Marcinkevics, Z.; Muckle, R. A.; Henkuzena, I.; Roze, A.; Grabovskis, A. Remote photoplethysmography for assessment of oral mucosa. - Clinical and Preclinical Optical Diagnostics, II, 2019, <https://doi.org/10.1117/12.2526979>.
5. Rubins, U.; Marcinkevics, Z.; Logina, I.; Grabovskis, A.; Kviesis-Kippe, E. Imaging photoplethysmography for assessment of chronic pain patients. In Conference on Optical Diagnostics and Sensing XIX - Toward Point-of-Care Diagnostics, San Francisco, CA, Feb 04-05, 2019, <https://doi.org/10.1117/12.2508393>
6. Marcinkevics, Z.; Rubins, U.; Aglinska, A.; Caica, A.; Grabovskis, A. Remote photoplethysmography for skin perfusion monitoring using narrowband illumination. - European Conference on Biomedical Optics, <https://doi.org/10.1117/12.2527221>
7. Rubins, U.; Marcinkevics, Z.; Muckle, R. A.; Henkuzena, I.; Roze, A.; Grabovskis, A. Remote photoplethysmography for assessment of oral mucosa. - European Conference on Biomedical Optics, <https://doi.org/10.1117/12.2526979>



8. Marcinkevics, Z.; Rubins, U.; Aglinska, A.; Logina, I.; Glazunovs, D.; Grabovskis, A. Contactless photoplethysmography for assessment of small fiber neuropathy. - Front. Physiol., 2023, 14, <https://doi.org/10.3389/fphys.2023.1180288>
9. Marcinkevics, Z.; Aglinska, A.; Rubins, U.; Grabovskis, A. Remote photoplethysmography for evaluation of cutaneous sensory nerve fiber function†. – Sensors, 2021, 21 (4), 1-14, <https://doi.org/10.3390/s21041272>
10. Spigulis, J.; Kuzmina, I.; Lihacova, I.; Lukinsone, V.; Cugmas, B.; Grabovskis, A.; Kviesis-Kipge, E.; Lihachev, A. Biophotonics research in Riga: Recent projects and results. - Biophotonics - Riga 2020, <https://doi.org/10.1117/12.2581799>