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Publons / Web Of Science ResearcherID: LFS-1548-2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Feedback Related Negativity Amplitude is Greatest Following Deceptive Feedback in Autistic Adolescents**
Riek N. T., Susam B. T., Hudac C. M., Conner C. M., Akcakaya M., Yun J., White S. W., Mazefsky C. A., Gable P. A.
Journal of Autism and Developmental Disorders, vol.54, no.9, pp.3376-3386, 2024 (SSCI)
- II. **Quantitative EEG Changes in Youth With ASD Following Brief Mindfulness Meditation Exercise**
Susam B. T., Riek N. T., Beck K., Eldeeb S., Hudac C. M., Gable P. A., Conner C., Akcakaya M., White S., Mazefsky C.
IEEE Transactions on Neural Systems and Rehabilitation Engineering, vol.30, pp.2395-2405, 2022 (SCI-Expanded)
- III. **Automated Pain Assessment in Children Using Electrodermal Activity and Video Data Fusion via Machine Learning**
Susam B. T., Riek N., Akcakaya M., Xu X., De Sa V., Nezamfar H., Diaz D., Craig K., Goodwin M., Huang J.
IEEE Transactions on Biomedical Engineering, vol.69, no.1, pp.422-431, 2022 (SCI-Expanded)
- IV. **Trial by trial EEG based BCI for distress versus non distress classification in individuals with ASD**
Eldeeb S., Susam B. T., Akcakaya M., Conner C. M., White S. W., Mazefsky C. A.
Scientific Reports, vol.11, no.1, 2021 (SCI-Expanded)
- V. **Person-dependent seizure detection using statistical CUSUM detector: Preliminary results**
Eldeeb S., Sybeldon M., Susam B. T., Akcakaya M., Wozny T., Pan J., Mark Richardson R., Bagic A., Antony A.
Expert Systems with Applications, vol.184, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Towards Automated Pain Detection in Children using Facial and Electrodermal Activity.**
Xu X., Susam B. T., Nezamfar H., Diaz D., Craig K. D., Goodwin M. S., Akcakaya M., Huang J. S., Virginia R. d. S.
CEUR workshop proceedings, vol.2142, pp.208-211, 2018 (Peer-Reviewed Journal)
- II. **Automated Pain Detection in Facial Videos of Children using Human-Assisted Transfer Learning.**
Xu X., Craig K. D., Diaz D., Goodwin M. S., Akcakaya M., Susam B. T., Huang J. S., de Sa V. R.
CEUR workshop proceedings, vol.2142, pp.10-21, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Towards automated pain detection in children using facial and electrodermal activity**
Xu X., Susam B. T., Nezamfar H., Diaz D., Craig K. D., Goodwin M. S., Akcakaya M., Huang J. S., de Sa V. R.
1st International Workshop on Artificial Intelligence in Health, AIH 2018, Stockholm, Sweden, 13 - 14 July 2018,

vol.11326 LNAI, pp.181-189

II. Automated pain detection in facial videos of children using human-assisted transfer learning

Xu X., Craig K. D., Diaz D., Goodwin M. S., Akcakaya M., Susam B. T., Huang J. S., de Sa V. R.

1st International Workshop on Artificial Intelligence in Health, AIH 2018, Stockholm, Sweden, 13 - 14 July 2018, vol.11326 LNAI, pp.162-180

III. Automated Pain Assessment using Electrodermal Activity Data and Machine Learning

Susam B. T., Akcakaya M., Nezamfar H., Diaz D., Xu X., De Sa V. R., Craig K. D., Huang J. S., Goodwin M. S.

40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2018, Hawaii, United States Of America, 18 - 21 July 2018, vol.2018-July, pp.372-375

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