Theme 2-4: Neuroengineering - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
A Time-Frequency Distribution-Based Approach for Decoding Visually Imagined Objects Using EEG Signals	Alazrai, R.| Al-Saqqaf, A.| Al-Hawari, F.| Alwanni, H.| Daoud, M.I.	IEEE Access	8	-	138955-138972	Journal	Article	Gold
EEG-Based Semantic Vigilance Level Classification Using Directed Connectivity Patterns and Graph Theory Analysis	Al-Shargie, F.M.| Hassanin, O.| Tariq, U.| Al-Nashash, H.	IEEE Access	8	-	115941-115956	Journal	Article	Gold
Discrimination of genuine and acted emotional expressions using EEG signal and machine learning	Alex, M.| Tariq, U.| Al-Shargie, F.| Mir, H.S.| Al Nashash, H.	IEEE Access	8	-	191080-191089	Journal	Article	Gold
Characterization of transection spinal cord injuries by monitoring somatosensory evoked potentials and motor behavior	All, A.H.| Al Nashash, H.| Mir, H.| Luo, S.| liu, X.	Brain Research Bulletin	156	-	150-163	Journal	Article	Green
Trading baseline with forelimbs somatosensory evoked potential for longitudinal analysis in thoracic transection spinal cord injury	Al-Nashash, H.| Luo, S.| Liu, X.| All, A.H.	Journal of Neuroscience Methods	343	-	-	Journal	Article	
Comparison between Independent Component Analysis and Wiener-Hopf Filter Techniques for Eye Blink Removal	Al-Momani, S.| Al-Nashash, H.| Mir, H.S.	Middle East Conference on Biomedical Engineering, MECBME	2020-	-	-	Conference Proceeding	Conference Paper	