Theme 2-4: Neuroengineering - 2019

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
EEG-based BCI system for decoding finger movements within the same hand	Alazrai, R.| Alwanni, H.| Daoud, M.I.	Neuroscience Letters	698	-	113-120	Journal	Article	0
EEG-based tonic cold pain recognition system using wavelet transform	Alazrai, R.| Momani, M.| Khudair, H.A.| Daoud, M.I.	Neural Computing and Applications	31	7	3187-3200	Journal	Article	0
Tonic cold pain detection using Choi-Williams time-frequency distribution analysis of EEG signals: A feasibility study	Alazrai, R.| Al-Rawi, S.| Alwanni, H.| Daoud, M.I.	Applied Sciences (Switzerland)	9	16	-	Journal	Article	Gold
A time-frequency distribution based approach for detecting tonic cold pain using EEG signals	Alazrai, R.| Al-Rawi, S.| Daoud, M.I.	Proceedings - 2019 IEEE 19th International Conference on Bioinformatics and Bioengineering, BIBE 2019	-	-	589-592	Conference Proceeding	Conference Paper	0
An In-Pipe Leak Detection Robot with a Neural-Network-Based Leak Verification System	Waleed, D.| Mustafa, S.H.| Mukhopadhyay, S.| Abdel-Hafez, M.F.| Jaradat, M.A.K.| Dias, K.R.| Arif, F.| Ahmed, J.I.	IEEE Sensors Journal	19	3	1153-1165	Journal	Article	
Vigilance decrement and enhancement techniques: A review	Al-shargie, F.| Tariq, U.| Mir, H.| Alawar, H.| Babiloni, F.| Al-nashash, H.	Brain Sciences	9	8	-	Journal	Review	Gold|Green
Brain connectivity analysis under semantic vigilance and enhanced mental states	Al-Shargie, F.| Tariq, U.| Hassanin, O.| Mir, H.| Babiloni, F.| Al-Nashash, H.	Brain Sciences	9	12	-	Journal	Article	Gold|Green
Discerning Genuine and Acted Smiles Using Neural Networks	Moussa, M.| Tariq, U.| Al-Nashash, H.| Al-Shargie, F.	2019 IEEE 19th International Symposium on Signal Processing and Information Technology, ISSPIT 2019	-	-	-	Conference Proceeding	Conference Paper	
Epileptogenic Foci Time Varying Source Loca1ization Using Source Affine Image Reconstruction (SAFFIRE) Algorithm	Al-Momani, S.| Mir, H.S.| Al-Nashash, H.	2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings	-	-	126-129	Conference Proceeding	Conference Paper	