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| S.NO | Authors | Title | Publishing | Techniques & dataset | Pros | Cons |
| 1 | Colin A. Depp1, Varsha D. Badal1 | Dynamics of Loneliness among Older Adults During the COVID-19 Pandemic: Pilot Study of Ecological Momentary Assessment with Network Analysis | 05 Jan 2022 |  | 1)EMA ratings of loneliness were moderately correlated with UCLA loneliness scale scores. Network models showed that loneliness was contemporaneously associated with negative affects like worried etc . Negative mood tended to be followed by loneliness and then by exercise or outdoor physical activity.  2)Network models in these independent living older adults indicated strong links between negative affect and loneliness, but feelings of loneliness were followed by outdoor activity |  |
| 2) | Ke Zhao,,Jia Zhao,,Ming Zhang,,Qian Cui and Xiaolan Fu | neural Responses to Rapid Fcila Expressions of Fear and Suprises | 10 MAY 2020 | Three popular ML algorithms, SVM, RF, and kNN were used for emotion intensity recognition. | 1)Amygdala and parahippocampal gyrus form an important part of the emotion network and play a very vital role in the recognision of fear and surprise faces  2).Left insular activation has been identified in subjects experiencing joy . Thus, the greater activation of this brain region in the surprise condition might be attributed to the surprised face being experienced as more positive than the fearful face. Fear was described as negatively valenced surprise in a recent study  3)These results suggest that fear leads to greater activation of the attention and memory systems, whereas surprise results in greater activation of the emotion experience system. | There was no difference in recognition accuracy scores between fearful faces (0.78 ± 0.08) and surprised faces (0.77 ± 0.11; t = 0.52, p = 0.61). |
| 3) | Weide Shao | Feasibility of Growth Factor Agent Therapy in Repairing Motor Injury | 05 Jan 2022. |  | 1)While doing excercise , human tissues are impacted making the cells suffer damage so growth factor helps to accelerate the repair of demaged cells and regulates the synthesis of protein  2) the combination of growth factor biologics and conventional therapies improves the efficiency of injury repair | 1)Only growth factor biologics alone doesn't produce any result |
| 4) | Deliana Rojas1, Cilia Abad | Effect of Mg-gluconate on the osmotic fragility of red blood cells, lipid peroxidation and Ca2+-ATPase (PMCA) activity of placental homogenates and red blood cell ghosts from salt-loaded pregnant rats | 05 Jan 2022 |  | 1)salt-loaded pregnant rats Mg-gluconate has a higher antioxidant capacity than MgSO4 due to the presence of several hydroxyl groups in the two anions of this salt.  2)Rats showed an increased level of lipid peroxidation and a lowered PMCA activity in placental and red blood cells , as well as an increased osmotic fragility of their red blood cells. The treatment of the salt-loaded pregnant rats with Mg-gluconate avoids the rise in the level of lipid peroxidation . |  |