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Research Article

Application of Machine Learning in Identifying Premature Aging

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Previously pathological ageing is known to be mainly associated with the development of cardiovascular disease, which is caused by a combination of socioeconomic, metabolic, behavioural, and environmental risk factors. These include sex differences, age, high blood pressure, obesity, low physical activity, smoking, heavy alcohol consumption, high cholesterol and gluco ...

Abstract View   Full Article View   DOI: 10.17352/aggr.000038

Review Article

Madrid international plan of action on ageing – some reflections

Author(s): Mala Kapur Shankardass*

Introduction: The World Assembly on Ageing in 2002 came out with 'The Madrid International Plan of Action on Ageing' as guidance to member countries of the UN to plan their development policies by focusing on their respective population ageing pattern, current and projected. However, even after over twenty years since the document was signed by UN member countries to ...

Abstract View   Full Article View   DOI: 10.17352/aggr.000037

Systematic Review

Metaverse technologies in managing frailty among older individuals: A systematic review

Author(s): Eiko Takano*, Kota Nishiyori, Hisataka Maruyama, Toshio Fukuda, Izumi Kondo and Yutaka Ishibashi

Introduction: Frailty, characterized by declines in physical, psychological, and social functions, presents challenges to aging populations. While multicomponent exercise programs have shown efficacy, accessibility can be limited. Virtual Reality (VR) technologies, including Metaverse integration, show promise for frailty management. Studies have demonstrated positive ...

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