Assisted Living of the Elderly: Recent Advances, Systems, and Frameworks

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Message from the Guest Editor

Increased longevity is now more commonplace than ever before, with the global average life expectancy reaching 60 years or above. This is mostly due to medical breakthroughs and advances in healthcare research . The world's population over the age of 65 is growing dramatically, numbering 962 million today, and it is projected to increase to 2 billion by 2050 . As the population ages, modern society is facing a wide range of difficulties stemming from numerous conditions associated with the elderly. Over the last few years, aging populations across the globe have had to contend with a decrease in caregivers to care for them, which has created a variety of challenges and difficulties . Two major problems in this context are as follows. Firstly, as the demand has increased, the cost of caregiving has risen considerably in recent years. As a result, affording caregivers is becoming increasingly difficult. Secondly, quite often, caregivers take care of multiple elderly people with multiple varying needs during the day; as a result, they are frequently exhausted, overworked, overwhelmed, and overburdened, which affects the quality of care.

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