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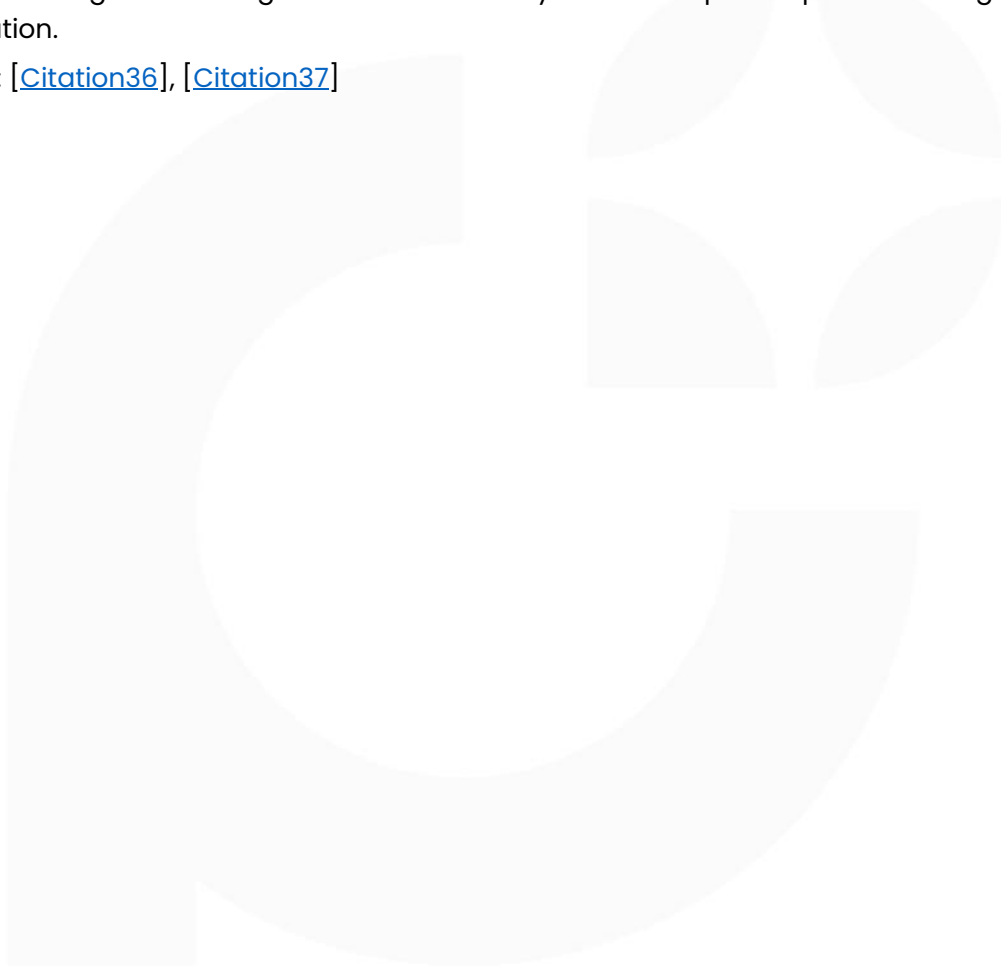
Did You Know Series

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Industry 5.0 inspired AI tools

Cognitive Artificial Intelligence (CAI), also known as artificial cognitive intelligence, is the byproduct of integrating AI and artificial consciousness.

The existing AI systems, including symbol processing-based and deep learning-based AI variants, have still not reached the pinnacle of their potential. This limitation particularly restricts the implication of AI for C-CCP, where the trustworthiness and reliability of autonomous physical systems are essential. Experts believe that attempting to create qualia out of the vastness of exploratory sensory information in parallel with natural language processing, data mining, and pattern recognition would allow CAI to understand the outside world better and think, re-learn, and act like a human. In turn, this could allow for self-healing AI to emerge that automatically would adopt component changes in the application.

Source: [Citation36], [Citation37]

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