

cognition computers and creative pdf

Cognition is "the mental action or process of acquiring knowledge and understanding through thought, experience, and the senses". It encompasses processes such as attention, the formation of knowledge, memory and working memory, judgment and evaluation, reasoning and "computation", problem solving and decision making, comprehension and production of language.

Cognition - Wikipedia

1. Introduction. The nature of creativity and its causes is a topic that has long been of interest. Creative thought drives both artistic products and scientific innovations, yet the mechanisms underlying great accomplishments have been notoriously difficult to study due to the rarity of these events.

Uncorking the muse: Alcohol intoxication facilitates

Creativity is a phenomenon whereby something new and somehow valuable is formed. The created item may be intangible (such as an idea, a scientific theory, a musical composition, or a joke) or a physical object (such as an invention, a literary work, or a painting).. Scholarly interest in creativity is found in a number of disciplines, primarily psychology, business studies, and cognitive ...

Creativity - Wikipedia

Fundamental Principles of Cognition If cognitive science is a real and autonomous discipline, it should be founded on cognitive principles that pertain only to cognition, and which every advanced cognitive agent (whether carbon- or silicon-based) should employ.

Fundamental Principles of Cognition - Harry Foundalis

In Experiment 1, we used an auditory dual-task paradigm previously developed by the authors (Fairnie, Moore, & Remington, 2016). The primary task was an auditory search task, and the secondary task was an auditory detection task.

A sound advantage: Increased auditory capacity in autism

By Michael Nielsen. One day in the mid-1920s, a Moscow newspaper reporter named Solomon Shereshevsky entered the laboratory of the psychologist Alexander Luria.

Augmenting Long-term Memory

CSCL: an historical perspective 2 Stahl, Koschmann, Suthers Computers and education Computers in the classroom are often viewed with skepticism.

Computer-supported collaborative learning: An historical

The study aims to highlight the impact of practicing recreational figure skating by evaluating the relationship between the perceptions of motor, mental and social benefits of practicing figure skating and the frequency and duration allocated for this recreational activity.

Behavioral Sciences | An Open Access Journal from MDPI

During the Upper Paleolithic, human beings developed an unprecedented ability to innovate. They acquired a modern human imagination, which gave them the ability to invent new concepts and to assemble new and dynamic mental patterns.

BLENDING AND CONCEPTUAL INTEGRATION - Mark Turner

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