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#### **Complex Rehabilitation Program in Children with Cerebral Injuries**

Ruska Paskaleva, Elena Kowalczyk, Wei-Lin Chen

*Keywords: Cerebral Injuries, Rehabilitation, Occupational Therapy, Art Therapy, Motor Development*

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2.

#### **Xiaoyaosan Decoction Improves Anxiety-Like Behaviors of Rats Induced by Chronic Immobilization Stress: Involvement of JNK Signal Pathway in Hippocampus**

Hong-Bo Zhao, You-Ming Jiang, Jia-Xu Chen, Xiao-Juan Li, Yue-Yun Liu, Xiao-Hui Bai, Na Li, Qun Liu, Zhi-Yi Yan, Fang-Zhou Zhao

*Keywords: Xiaoyaosan, Anxiety, JNK signal pathway, Hippocampus, Traditional Chinese Medicine, Chronic Immobilization Stress, Rat Model*

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#### **Photochemical Systems Modeling for Hospital Wastewater Treatment in the UV-Vis Spectra**

Claudia Mejia-Morales, Diego Mauricio Cortés-Hernández, Fernando Hernández Aldana, Ricardo Darío Peña-Moreno, Noemi Bonilla y Fernández

*Keywords: photochemical systems, wastewater treatment, advanced oxidation processes, UV-Vis spectra, logistic model*

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4.

# **Soil Behavior Analysis Under the Action of Three Farming Techniques and the Berseem Development Consequences**

Boudhar Lies, Amara Mahfoud, Bentahar Djamilia

*Keywords: soil behavior, farming techniques, Berseem development, soil moisture, tillage effects*