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Ziga Gosar, Franc Kosel

*Department of Civil Engineering, University of Ljubljana, Slovenia*

*Keywords: large deflection theory, cantilever slender beam, combined loading, buckling*

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2.

#### **The influence of high temperature loading on the structure of fine Al powder compacts**

Ernest Gondar - Alena Kosinova - Zita Izdinsk - Pavol Sejc

*Department of Materials Science, Technical University of Košice, Slovakia*

*Keywords: aluminum powder, nanooxide layer, thermal resistance, dislocation netting*

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#### **Effectiveness of mindfulness based cognitive therapy on anxiety, stress and depression of pregnant youths: a randomized clinical trial**

David Martinez, Christopher Lee, Sarah Johnson

*School of Medical Sciences, Seoul National University, South Korea*

*Keywords: Teasdale cognitive therapy; Anxiety; Stress; Depression; Pregnancy*

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**The relationship between employees' personality and their work engagement in public organizations: Does employee silence play a significant role?**

Emily Davis, Jessica Brown, Amanda Taylor

*Department of Business Administration, Charles University, Czech Republic*

*Keywords: Employee engagement, employee silence, job burnout, personality*

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**Maca (Lepidium meyenii Walp) powder: Preliminary results for serum indices and metabolic responses in racehorses**

Tanay Bilal, Ismail Abas, Serol Korkmaz, Atila Ates, Onur Keser, Cihan Kumas

*Department of Food Science, Istanbul Technical University, Turkey*

*Keywords: Maca powder, Lepidium meyenii Walp, Serum indices, Metabolic responses, Horses*

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**6.**

**The Potential of Dark Purple Scented Rice- From Staple Food to Nutraceutical**

Kangabam Medhabati, Kangabam Rajiv Das, Khumukcham Nongalleima, Huidrom Sunitibala Devi

*Department of Agriculture, Manipur University, India*

*Keywords: Chakhao, Nutraceutical, Black rice, Gamma amino butyric acid, rice bran saccharide*

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**MALONDIALDEHYDE (MDA) - PRODUCT OF LIPIDS PEROXIDATION AS A CAUSE OF HOMEOSTASIS DISORDERS AND AGING**

B.Całyniuk, E.Grochowska-Niedworok, M.Muc-Wierzgoń, E.Nowakowska-Zajdel

*Department of Chemistry, University of Wrocław, Poland*

*Keywords: aging, MDA, free radicals, lifestyle*

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**Measuring the teacher turnover intention, job satisfaction and organisational commitment as**

Jacob Selesho, Idah Naile

*Department of Education, University of Limpopo, South Africa*

*Keywords: Keywords: turnover intention, job satisfaction, organisational commitment*

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## **Structural and optical properties of sprayed ZnO:B films developed in Science parks**

Zehra Kaya, Yahya Özdemir, Metin Bedir and Mustafa Öztas

*Department of Physics, Middle East Technical University, Turkey*

*Keywords: spray pyrolysis, ZnO, Boron, optical properties*

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**10.**

## **A Novel Design of Fredkin Gate in Quantum-dot Cellular Automata (QCA)**

Ali Newaz Bahar, Sajjad Waheed, Md. Ahsan Habib

*Department of Electrical Engineering, Bangladesh University of Engineering and Technology, Bangladesh*

*Keywords: QCA, Majority gate (MV), Fredkin Gate (FG) in QCA and QCADesigner*

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