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## Research Articles

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### **Effective Keyword Search Approach XDMA for XML Databases**

S. Selvaganesan, Su-Cheng Haw, Lay-Ki Soon

*School of Computing, National University of Singapore, Singapore*

*Keywords: XML Keyword search, XML database, Mutual score, Similarity score, Grading*

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2.

### **AGRICULTURAL PRODUCT PATTERN EXPLORATION ANALYSIS WITH ALGORITHM OF FP- GROWTH**

Ahmet ÇINAR, Fatih TOPALOĞLU

*Department of Agricultural Economics, Ankara University, Ankara, Turkey*

*Keywords: Data mining, pattern exploration*

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3.

### **Convergence of STI Policy Implications of Neoclassical and Evolutionary Schools in Developing Countries**

David Martinez, Christopher Lee, Sarah Johnson, Emily Davis

*School of Applied Sciences, Peking University, China*

*Keywords: Technology policy, Evolutionary economics*

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4.

### **Infantile Sandhoff Disease with Hypothyroidism: A rare presentation**

Dr. Kundan Mittal, Dr. Preeti Raikwar, Dr. Shalini Aggarwal, Dr. Anupama Mittal

*Department of Pediatrics, All India Institute of Medical Sciences, New Delhi, India*

*Keywords: : Infantile Sandhoff disease, hypothyroidism, multiple partial seizures, delayed milestones, hypotonia, megalencephaly, Hexosaminidase A and B Enzyme*

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**5.**

### **A blue Mind: the cognitive effects of text colors on learning**

Claudio Lucchiari, Raffaella Folgieri, Marianna Masiero, Gabriella Pravettoni

*Department of Psychology, University of Milan, Italy*

*Keywords: brain computer interface; learning; cognitive psychology;*

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**6.**

### **Generalized Fibonacci polynomials and inverse of triangular matrices**

Kenan Kaygisiz, Adem Sahin

*Department of Mathematics, Istanbul Technical University, Istanbul, Turkey*

*Keywords: Generalized Fibonacci polynomials, triangular matrix, Hessenberg matrix*

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**7.**

### **Antimicrobial and cytotoxicity of different Types of Nanoparticles**

Ayad M.Ali \nNabeel K.AL-Ani \*\nSarah Ibrahim \nFarooq I.Mohammad\*\* \nSalah M.Al-chalabi  
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*Department of Biotechnology, University of Baghdad, Iraq*

*Keywords: Antimicrobial, cytotoxicity, nanoparticles, green Nanoparticles, Mice*

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**8.**

### **The Impact of Gamification on Consumer Engagement with Brands: Empirical Evidence**

Joana Neves, Margarida Oliveira, Lara Mendes Bacalhau, Clara Viseu

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*Keywords: Gamification, Consumer Brand Engagement, Marketing, Portuguese Gamers.*

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