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





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May-jun 2019 NEWS OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN-SERIES OF GEOLOGY AND TECHNICAL SCIENCES (3) , pp.6-13</p> <p>In this work researches of the used methyl ester of vegetable oil and their mixes with diesel fuel in various proportions as fuel for the purpose of studying of performance data of the engine and content of emissions were carried o ... Show more</p> <p> Full Text at Publisher ...</p> | <p>1
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Citations</p> |

- [Sharma, V; Das, TK; \(...\); Sudakar, C](#)
Oct 2019 | [SOLAR ENERGY](#) 191 , pp.400-409
- Rutile TiO₂ (TiO₂-NR) and ZnO (ZnO-NR) in nanorod microstructural forms are synthesized by hydrothermal route. The oxides are grown directly on fluorine doped SnO₂ coated glass, and annealed in air (AA) and hydrogen (... [Show more](#)
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Jul 2019 | [APPLIED RADIATION AND ISOTOPES](#) 149 , pp.130-141
- The present study is aimed to show that the mineral and magnetic parameters are proxies for radioactivity level of Vaigai river sediment. In order to show the usefulness of above said parameters as proxies for radioactivity level c ... [Show more](#)
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2019 | [2ND INTERNATIONAL CONFERENCE ON ENERGY AND POWER \(ICEP2018\)](#) 160 , pp.412-419
- Transportation industry has become more relatively important as it has become an essential part of any economy, that propels the economic activity of a Nation, it has become essential to study the quality that should be made ... [Show more](#)
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- Jan 1 2019 | [MICROPOROUS AND MESOPOROUS MATERIALS](#) 273 , pp.99-106
Silicon nanowall templates in nonporous and porous forms have been prepared by 4.8 M HF and 0.2 M H₂O₂ etching of lightly boron doped silicon (100) wafers at room temperature and their morphology, microstructure and vis ... [Show more](#)
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7th National Conference on Hierarchically Structured Materials (NCHSM)
2019 | 7TH NATIONAL CONFERENCE ON HIERARCHICALLY STRUCTURED MATERIALS (NCHSM-2019) 2117
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[Revathi, P](#); [Mohan, JS](#); (...); [Thamotharan, S](#)
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In the title salt, {[Li(C₂H₅NO₂)(2)]ClO₄}(n), the Li⁺ cation is coordinated by four carboxylate oxygen atoms of the glycine molecules with a distorted tetrahedral geometry. The glycine exists in a zwitterionic form with pro ... [Show more](#)
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Oct 2019 | [PLANT CELL TISSUE AND ORGAN CULTURE](#) 139 (1) , pp.177-190
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Mar 2019 | [SAUDI JOURNAL OF BIOLOGICAL SCIENCES](#) 26 (3) , pp.460-463
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- [Chakravarthy, SK; Sudhakar, N; \(...\); Shankar, P](#)
2019 | SOFT COMPUTING AND MEDICAL BIOINFORMATICS , pp.47-54
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- 
- [Gurusaravanan, P; Vinoth, S and Jayabalan, N](#)
Feb 2020 | Dec 2019 (Early Access) |
[IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT](#) 56 (1) , pp.111-121
- An efficient and reproducible Agrobacterium tumefaciens-mediated transformation method was developed for Gossypium hirsutum L. 'KC3' using a shoot apex explant with the combination of microinjection and sonication. To ... [Show more](#)
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- [Rani, TD; Ramamurthi, K; \(...\); Salvan, G](#)
63rd DAE Solid State Physics Symposium (DAE-SSPS)
2019 | DAE SOLID STATE PHYSICS SYMPOSIUM 2018 2115
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2019 | ADVANCED BIOFUELS: APPLICATIONS, TECHNOLOGIES AND ENVIRONMENTAL SUSTAINABILITY , pp.217-245
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Mar 2020 | Nov 2019 (Early Access) | BIONANOSCIENCE 10 (1) , pp.149-156
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- [Subashini, A; Priyadharsani, P; \(...\); Babu, RR](#)
Feb 2019 | [JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS](#) 30 (3) , pp.2638-2646
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