

S Sivakumar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

297
citations

1040056

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888059

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23
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23
docs citations

23
times ranked

301
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Sol-gel synthesis of nanosized anatase from titanyl sulfate. <i>Materials Letters</i> , 2002, 57, 330-335. | 2.6 | 78 |
| 2 | Mathematical model and vibration analysis of aircraft with active landing gears. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 229-245. | 2.6 | 44 |
| 3 | Nanoporous titania-alumina mixed oxides an alkoxide free sol-gel synthesis. <i>Materials Letters</i> , 2004, 58, 2664-2669. | 2.6 | 42 |
| 4 | Aircraft Random Vibration Analysis Using Active Landing Gears. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2015, 34, 307-322. | 2.9 | 17 |
| 5 | Delamination through sonication for hydroxy metal oxide sol intercalation of montmorillonite. <i>Ceramics International</i> , 1995, 21, 85-88. | 4.8 | 16 |
| 6 | Microwave drying of boehmite sol intercalated smectites. <i>Journal of Materials Science</i> , 1994, 29, 3415-3418. | 3.7 | 15 |
| 7 | Population balance model for solid state sintering II. Grain growth. <i>Ceramics International</i> , 2001, 27, 63-71. | 4.8 | 12 |
| 8 | Effect of Sintering Profiles on the Properties and Ageing Resistance of Y-TZP Ceramic. <i>International Journal of Automotive and Mechanical Engineering</i> , 2011, 4, 405-413. | 0.9 | 12 |
| 9 | Enhancing antimycobacterial activity of isoniazid and rifampicin incorporated norbornene nanoparticles. <i>International Journal of Mycobacteriology</i> , 2018, 7, 84. | 0.6 | 12 |
| 10 | Synthesis of pillared smectites from hydrous metal oxide sol-smectite mixtures under reflux conditions. <i>Polyhedron</i> , 1993, 12, 2587-2591. | 2.2 | 9 |
| 11 | Investigation of CH _x (x=2-4) Adsorption on Mo ₂ C and Mo ₄ C ₂ Sites Incorporated in ZSM-5 Zeolite Using Periodic-DFT Approach. <i>Catalysis Letters</i> , 2018, 148, 68-78. | 2.6 | 9 |
| 12 | A size interval-by-size interval marching algorithm for modelling grain growth in the intermediate stage of sintering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 133, 173-182. | 4.7 | 8 |
| 13 | Effect of the exchange ion on the properties of boehmite intercalated montmorillonite. <i>Polyhedron</i> , 1995, 14, 2201-2204. | 2.2 | 5 |
| 14 | Investigation of random runway effect on landing of an aircraft with active landing gears using nonlinear mathematical model. <i>Journal of Vibroengineering</i> , 2021, 23, 1785-1799. | 1.0 | 5 |
| 15 | Non-linear vibration analysis of oleo pneumatic landing gear at touchdown impact. <i>Mathematical Models in Engineering</i> , 2018, 4, 89-97. | 0.4 | 5 |
| 16 | Influence of medium on the properties of boehmite intercalated montmorillonite. <i>Materials Letters</i> , 1997, 31, 113-118. | 2.6 | 2 |
| 17 | Improved protocol for optimizing Mo/ZSM-5 catalyst for methane aromatization. <i>Molecular Catalysis</i> , 2021, 515, 111875. | 2.0 | 2 |
| 18 | Thermal stability of montmorillonite intercalated and alumina pillared by Boehmite Sol. <i>Ceramics International</i> , 1994, 20, 349-352. | 4.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dependence of concentration of montmorillonite and boehmite sol on the properties of Al-PILC. Polyhedron, 1997, 16, 2785-2788. | 2.2 | 1 |
| 20 | The Effect of Copper Oxide on the Mechanical Properties of Y-TZP Ceramics. Journal of Physics: Conference Series, 2020, 1532, 012002. | 0.4 | 1 |
| 21 | Helicopter landing gear vibration analysis using Lagrange method. Vibroengineering PROCEDIA, 2018, 21, 96-101. | 0.5 | 1 |