

S Sivakumar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

297
citations

1040056

9
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of random runway effect on landing of an aircraft with active landing gears using nonlinear mathematical model. Journal of Vibroengineering, 2021, 23, 1785-1799.	1.0	5
2	Improved protocol for optimizing Mo/ZSM-5 catalyst for methane aromatization. Molecular Catalysis, 2021, 515, 111875.	2.0	2
3	The Effect of Copper Oxide on the Mechanical Properties of Y-TZP Ceramics. Journal of Physics: Conference Series, 2020, 1532, 012002.	0.4	1
4	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. Catalysis Letters, 2018, 148, 68-78.	2.6	9
5	Non-linear vibration analysis of oleo pneumatic landing gear at touchdown impact. Mathematical Models in Engineering, 2018, 4, 89-97.	0.4	5
6	Enhancing antimycobacterial activity of isoniazid and rifampicin incorporated norbornene nanoparticles. International Journal of Mycobacteriology, 2018, 7, 84.	0.6	12
7	Helicopter landing gear vibration analysis using Lagrange method. Vibroengineering PROCEDIA, 2018, 21, 96-101.	0.5	1
8	Aircraft Random Vibration Analysis Using Active Landing Gears. Journal of Low Frequency Noise Vibration and Active Control, 2015, 34, 307-322.	2.9	17
9	Mathematical model and vibration analysis of aircraft with active landing gears. JVC/Journal of Vibration and Control, 2015, 21, 229-245.	2.6	44
10	Effect of Sintering Profiles on the Properties and Ageing Resistance of Y-TZP Ceramic. International Journal of Automotive and Mechanical Engineering, 2011, 4, 405-413.	0.9	12
11	Nanoporous titania-alumina mixed oxides-an alkoxide free sol-gel synthesis. Materials Letters, 2004, 58, 2664-2669.	2.6	42
12	Sol-gel synthesis of nanosized anatase from titanyl sulfate. Materials Letters, 2002, 57, 330-335.	2.6	78
13	Population balance model for solid state sintering II. Grain growth. Ceramics International, 2001, 27, 63-71.	4.8	12
14	A size interval-by-size interval marching algorithm for modelling grain growth in the intermediate stage of sintering. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 133, 173-182.	4.7	8
15	Influence of medium on the properties of boehmite intercalated montmorillonite. Materials Letters, 1997, 31, 113-118.	2.6	2
16	Dependence of concentration of montmorillonite and boehmite sol on the properties of Al-PILC. Polyhedron, 1997, 16, 2785-2788.	2.2	1
17	Delamination through sonication for hydroxy metal oxide sol intercalation of montmorillonite. Ceramics International, 1995, 21, 85-88.	4.8	16
18	Effect of the exchange ion on the properties of boehmite intercalated montmorillonite. Polyhedron, 1995, 14, 2201-2204.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Thermal stability of montmorillonite intercalated and alumina pillared by Boehmite Sol. <i>Ceramics International</i> , 1994, 20, 349-352.	4.8	1
20	Microwave drying of boehmite sol intercalated smectites. <i>Journal of Materials Science</i> , 1994, 29, 3415-3418.	3.7	15
21	Synthesis of pillared smectites from hydrous metal oxide sol-smectite mixtures under reflux conditions. <i>Polyhedron</i> , 1993, 12, 2587-2591.	2.2	9