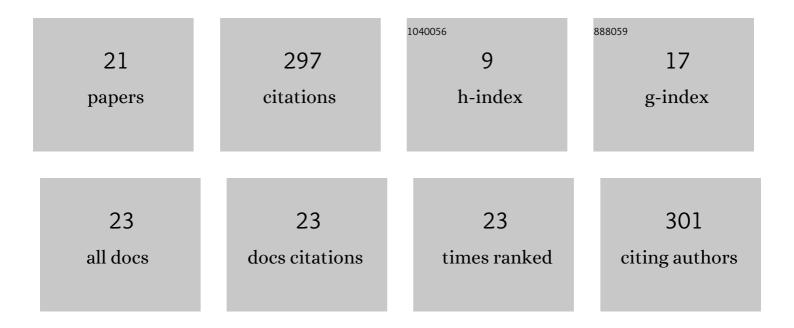
S Sivakumar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sol–gel synthesis of nanosized anatase from titanyl sulfate. Materials Letters, 2002, 57, 330-335.	2.6	78
2	Mathematical model and vibration analysis of aircraft with active landing gears. JVC/Journal of Vibration and Control, 2015, 21, 229-245.	2.6	44
3	Nanoporous titania–alumina mixed oxides—an alkoxide free sol–gel synthesis. Materials Letters, 2004, 58, 2664-2669.	2.6	42
4	Aircraft Random Vibration Analysis Using Active Landing Gears. Journal of Low Frequency Noise Vibration and Active Control, 2015, 34, 307-322.	2.9	17
5	Delamination through sonication for hydroxy metal oxide sol intercalation of montmorillonite. Ceramics International, 1995, 21, 85-88.	4.8	16
6	Microwave drying of boehmite sol intercalated smectites. Journal of Materials Science, 1994, 29, 3415-3418.	3.7	15
7	Population balance model for solid state sintering II. Grain growth. Ceramics International, 2001, 27, 63-71.	4.8	12
8	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
9	Enhancing antimycobacterial activity of isoniazid and rifampicin incorporated norbornene nanoparticles. International Journal of Mycobacteriology, 2018, 7, 84.	0.6	12
10	Synthesis of pillared smectites from hydrous metal oxide sol-smectite mixtures under reflux conditions. Polyhedron, 1993, 12, 2587-2591.	2.2	9
11	Investigation of CHx (x = 2–4) Adsorption on Mo2C and Mo4C2 Sites Incorporated in ZSM-5 Zeolite Using Periodic-DFT Approach. Catalysis Letters, 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. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 133, 173-182.	4.7	8
13	Effect of the exchange ion on the properties of boehmite intercalated montmorillonite. Polyhedron, 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. Journal of Vibroengineering, 2021, 23, 1785-1799.	1.0	5
15	Non-linear vibration analysis of oleo pneumatic landing gear at touchdown impact. Mathematical Models in Engineering, 2018, 4, 89-97.	0.4	5
16	Influence of medium on the properties of boehmite intercalated montmorillonite. Materials Letters, 1997, 31, 113-118.	2.6	2
17	Improved protocol for optimizing Mo/ZSM-5 catalyst for methane aromatization. Molecular Catalysis, 2021, 515, 111875.	2.0	2
18	Thermal stability of montmorillonite intercalated and alumina pillared by Boehmite Sol. Ceramics International, 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