

# A Vasudevan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3235746/publications.pdf>

Version: 2024-02-01

14  
papers

165  
citations

1477746

6  
h-index

1199166

12  
g-index

14  
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docs citations

14  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-wise damage prediction in carbon/Kevlar/S-glass/E-glass fibre reinforced epoxy hybrid composites under low-velocity impact loading using advanced 3D computed tomography. International Journal of Crashworthiness, 2020, 25, 9-23.	1.1	51
2	Experimental and analytical investigation of thermo-mechanical responses of pure epoxy and carbon/Kevlar/S-glass/E-glass/epoxy interply hybrid laminated composites for aerospace applications. International Journal of Polymer Analysis and Characterization, 2018, 23, 591-605.	0.9	24
3	Effect of silica nanoparticles on mechanical and thermal properties of neat epoxy and filament wounded E-glass/epoxy and basalt/epoxy composite tubes. Materials Research Express, 2019, 6, 0850e2.	0.8	21
4	Internal combustion engine efficiency enhancer by using hydrogen. International Journal of Ambient Energy, 2020, 41, 237-240.	1.4	21
5	Advanced 3D and 2D damage assessment of low velocity impact response of glass and Kevlar fiber reinforced epoxy hybrid composites. Advances in Materials and Processing Technologies, 2018, 4, 493-510.	0.8	15
6	Thermal characterisation study of ZrO <sub>2</sub> /water nanofluid. International Journal of Ambient Energy, 2020, 41, 918-921.	1.4	12
7	Study on selective surface black chromium-coated copper characteristics of a solar receiver at mid-temperature. International Journal of Ambient Energy, 2021, 42, 279-284.	1.4	7
8	A detailed analysis and performance analysis of diesel blended with eucalyptus/pine seed oil on a CI engine. International Journal of Ambient Energy, 2019, , 1-6.	1.4	4
9	Experimental investigation on energy saving potential of smart HVAC unit. International Journal of Ambient Energy, 2019, 40, 357-360.	1.4	2
10	Experimental investigation on radiation heat transfer properties degradation of (black nickel-coated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 P4	1.4	2
11	Design and fabrication of bamboo composites sandwich panels for flooring. Materials Today: Proceedings, 2021, 46, 4313-4321.	0.9	2
12	Micro structural and tensile behaviour of FS welded dissimilar Al-Cu alloy. Materials Today: Proceedings, 2021, 46, 4309-4312.	0.9	2
13	Investigation of thermal effects on mechanical properties of 9Cr-1Mo to 9Cr-1Mo welded joints for high-temperature applications. International Journal of Ambient Energy, 2020, 41, 582-587.	1.4	1
14	Numerical investigation of expansion Fan optimization of truncated annular aerospike nozzle. Materials Today: Proceedings, 2021, 46, 4283-4288.	0.9	1