

# Emad Sobhani

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Free vibration analysis of functionally graded hybrid matrix/fiber nanocomposite conical shells using multiscale method. <i>Aerospace Science and Technology</i> , 2020, 105, 105998.	2.5	63
2	Vibration of FG-CNT and FG-GNP sandwich composite coupled Conical-Cylindrical-Conical shell. <i>Composite Structures</i> , 2021, 273, 114281.	3.1	56
3	The free vibration analysis of hybrid porous nanocomposite joined hemisphericalâ€“cylindricalâ€“conical shells. <i>Engineering With Computers</i> , 2022, 38, 3125-3152.	3.5	55
4	Agglomerated impact of CNT vs. GNP nanofillers on hybridization of polymer matrix for vibration of coupled hemispherical-conical-conical shells. <i>Aerospace Science and Technology</i> , 2022, 120, 107257.	2.5	43
5	Natural frequency responses of hybrid polymer/carbon fiber/FG-GNP nanocomposites paraboloidal and hyperboloidal shells based on multiscale approaches. <i>Aerospace Science and Technology</i> , 2021, 119, 107111.	2.5	41
6	Multifunctional trace of various reinforcements on vibrations of three-phase nanocomposite combined hemispherical-cylindrical shells. <i>Composite Structures</i> , 2022, 279, 114798.	3.1	39
7	Semi-analytical vibrational analysis of functionally graded carbon nanotubes coupled conical-conical shells. <i>Thin-Walled Structures</i> , 2021, 159, 107272.	2.7	38
8	Natural frequency analysis of FG-GOP/ polymer nanocomposite spheroid and ellipsoid doubly curved shells reinforced by transversely-isotropic carbon fibers. <i>Engineering Analysis With Boundary Elements</i> , 2022, 138, 369-389.	2.0	37
9	A comprehensive shell approach for vibration of porous nano-enriched polymer composite coupled spheroidal-cylindrical shells. <i>Composite Structures</i> , 2022, 289, 115464.	3.1	24
10	On vibrational-based numerical simulation of a jet engine cowl shell-like structure. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 4016-4027.	1.5	24
11	On the circumferential wave responses of connected elliptical-cylindrical shell-like submerged structures strengthened by nano-reinforcer. <i>Ocean Engineering</i> , 2022, 247, 110718.	1.9	22
12	Differential quadrature technique for frequencies of the coupled circular archâ€“arch beam bridge system. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 770-781.	1.5	11