

Shankar D Pathak

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

499
citations

933447

10
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge-guided boundary delineation in prostate ultrasound images. IEEE Transactions on Medical Imaging, 2000, 19, 1211-1219.	8.9	147
2	Edge detection in prostatic ultrasound images using integrated edge maps. Ultrasonics, 1998, 36, 635-642.	3.9	55
3	Interactive automatic fetal head measurements from ultrasound images using multimedia computer technology. Ultrasound in Medicine and Biology, 1997, 23, 665-673.	1.5	50
4	Dynamics of interacting quintessence. European Physical Journal C, 2015, 75, 1.	3.9	47
5	Analyses of Tribological Properties of Castor Oil With Various Carbonaceous Micro- and Nano-Friction Modifiers. Journal of Tribology, 2017, 139, .	1.9	35
6	Divergent and nonuniform gene expression patterns in mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19049-19054.	7.1	34
7	Pubic arch detection in transrectal ultrasound guided prostate cancer therapy. IEEE Transactions on Medical Imaging, 1998, 17, 762-771.	8.9	33
8	Dynamics of coupled phantom and tachyon fields. European Physical Journal C, 2017, 77, 1.	3.9	28
9	One-pot synthesis and first-principles elasticity analysis of polymorphic MnO ₂ nanorods for tribological assessment as friction modifiers. RSC Advances, 2017, 7, 34138-34148.	3.6	25
10	Tensile deformation behaviour of AISI 316L(N) SS. Materials Science and Technology, 2007, 23, 1215-1222.	1.6	14
11	Low cycle fatigue and creep-fatigue interaction behavior of modified 9Cr-1Mo ferritic steel and its weld joint. Transactions of the Indian Institute of Metals, 2010, 63, 622-627.	1.5	10
12	Early cavernous sinus thrombosis following unilateral pansinusitis in a child. BMJ Case Reports, 2015, 2015, bcr2014208441-bcr2014208441.	0.5	5
13	Interacting tachyonic scalar field. Communications in Theoretical Physics, 2021, 73, 025402.	2.5	5
14	Palato-pharyngeal Approach to the Parapharyngeal Space. Medical Journal Armed Forces India, 2004, 60, 407-409.	0.8	3
15	Fretting wear behaviour of plasma nitrided Ti-6Al-4V fretted against unnitrided Ti-6Al-4V and alumina counterbodies. Transactions of the Indian Institute of Metals, 2009, 62, 59-64.	1.5	3
16	Dynamical Role of Scalar Fields in K = 0 Universe. Journal of Physics: Conference Series, 2020, 1531, 012086.	0.4	2
17	Evaluation of fracture toughness of microalloyed steel with a spiked crack front. Journal of Materials Science Letters, 1995, 14, 1058-1061.	0.5	1
18	Long fatigue crack growth behaviour of ferritic steel weld metal. Science and Technology of Welding and Joining, 2005, 10, 295-298.	3.1	1

#	ARTICLE	IF	CITATIONS
19	Effect of aging treatments on the fatigue crack growth and threshold behavior of AA 2219 aluminium alloy. Transactions of the Indian Institute of Metals, 2010, 63, 535-540.	1.5	1
20	Thermodynamic origin of interaction in the cosmological tachyonic field. Journal of Physics: Conference Series, 2014, 481, 012015.	0.4	0
21	Schwarzschild Metric from Arbitrary Choice of Function. Springer Proceedings in Materials, 2022, , 131-138.	0.3	0