

Shankar D Pathak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2245795/publications.pdf>

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	Schwarzschild Metric from Arbitrary Choice of Function. Springer Proceedings in Materials, 2022, , 131-138.	0.3	0
2	Interacting tachyonic scalar field. Communications in Theoretical Physics, 2021, 73, 025402.	2.5	5
3	Dynamical Role of Scalar Fields in $K = 0$ Universe. Journal of Physics: Conference Series, 2020, 1531, 012086.	0.4	2
4	Analyses of Tribological Properties of Castor Oil With Various Carbonaceous Micro- and Nano-Friction Modifiers. Journal of Tribology, 2017, 139, .	1.9	35
5	One-pot synthesis and first-principles elasticity analysis of polymorphic $\text{MnO}_{2\text{ nanorods}}$ for tribological assessment as friction modifiers. RSC Advances, 2017, 7, 34138-34148.	3.6	25
6	Dynamics of coupled phantom and tachyon fields. European Physical Journal C, 2017, 77, 1.	3.9	28
7	Dynamics of interacting quintessence. European Physical Journal C, 2015, 75, 1.	3.9	47
8	Early cavernous sinus thrombosis following unilateral pansinusitis in a child. BMJ Case Reports, 2015, 2015, bcr2014208441-bcr2014208441.	0.5	5
9	Thermodynamic origin of interaction in the cosmological tachyonic field. Journal of Physics: Conference Series, 2014, 481, 012015.	0.4	0
10	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
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	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
13	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
14	Tensile deformation behaviour of AISI 316L(N) SS. Materials Science and Technology, 2007, 23, 1215-1222.	1.6	14
15	Long fatigue crack growth behaviour of ferritic steel weld metal. Science and Technology of Welding and Joining, 2005, 10, 295-298.	3.1	1
16	Palato-pharyngeal Approach to the Parapharyngeal Space. Medical Journal Armed Forces India, 2004, 60, 407-409.	0.8	3
17	Edge-guided boundary delineation in prostate ultrasound images. IEEE Transactions on Medical Imaging, 2000, 19, 1211-1219.	8.9	147
18	Edge detection in prostatic ultrasound images using integrated edge maps. Ultrasonics, 1998, 36, 635-642.	3.9	55

#	ARTICLE	IF	CITATIONS
19	Pubic arch detection in transrectal ultrasound guided prostate cancer therapy. IEEE Transactions on Medical Imaging, 1998, 17, 762-771.	8.9	33
20	Interactive automatic fetal head measurements from ultrasound images using multimedia computer technology. Ultrasound in Medicine and Biology, 1997, 23, 665-673.	1.5	50
21	Evaluation of fracture toughness of microalloyed steel with a spiked crack front. Journal of Materials Science Letters, 1995, 14, 1058-1061.	0.5	1