Viren Sardana

List of Publications by Year
in descending order

19 papers	897 citations	840776 11 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	1511 citing authors

#	Article	IF	Citations
1	Chirplet transformâ€based machineâ€learning approach towards classification of cognitive state change using <scp>galvanic skin response</scp> and <scp>photoplethysmography</scp> signals. Expert Systems, 2022, 39, .	4.5	3
2	High failure rate of ChAdOx1-nCoV19 immunization against asymptomatic infection in healthcare workers during a Delta variant surge. Nature Communications, 2022, 13, 1726.	12.8	5
3	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys. Computers in Biology and Medicine, 2022, 146, 105419.	7.0	8
4	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. ELife, 2021, 10, .	6.0	21
5	Genomic characterization and epidemiology of an emerging SARS-CoV-2 variant in Delhi, India. Science, 2021, 374, 995-999.	12.6	230
6	Arrhythmia Detection - A Machine Learning based Comparative Analysis with MIT-BIH ECG Data. , 2019, , .		8
7	EEG as a tool to measure cognitive load while playing Sudoku: A preliminary study. , 2019, , .		3
8	Automatic localization of three-dimensional cephalometric landmarks on CBCT images by extracting symmetry features of the skull. Dentomaxillofacial Radiology, 2018, 47, 20170054.	2.7	38
9	Craniofacial and upper airway morphology in adult obstructive sleep apnea patients: A systematic review and meta-analysis of cephalometric studies. Sleep Medicine Reviews, 2017, 31, 79-90.	8.5	246
10	Precision of manual landmark identification between as-received and oriented volume-rendered cone-beam computed tomography images. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 118-131.	1.7	30
11	The reliability of different methods of manual volumetric segmentation of pharyngeal and sinonasal subregions. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 124, 577-587.	0.4	11
12	Authors' response. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 1018-1019.	1.7	0
13	A pilot study for segmentation of pharyngeal and sino-nasal airway subregions by automatic contour initialization. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1877-1893.	2.8	20
14	Accuracy of 3D cephalometric measurements based on an automatic knowledge-based landmark detection algorithm. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1297-1309.	2.8	49
15	Automatic Landmark Identification in Lateral Cephalometric Images Using Optimized Template Matching. Journal of Medical Imaging and Health Informatics, 2015, 5, 458-470.	0.3	12
16	A knowledge-based algorithm for automatic detection of cephalometric landmarks on CBCT images. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1737-1752.	2.8	92
17	Integrating Health Care Delivery and Data Collection in Rural India Using a Rapidly Deployable eHealth Center. PLoS Medicine, 2013, 10, e1001468.	8.4	10
18	Recapitulating tumour microenvironment in chitosanâ€"gelatin three-dimensional scaffolds: an improved<i>in vitro</i>tumour model. Journal of the Royal Society Interface, 2012, 9, 3288-3302.	3.4	46

#	Article	IF	Citations
19	Lung Function Reference Equations for Indian Ethnic Groups Based on a Handheld Forced Oscillation Device for Age 9â€"19 Years. Indian Journal of Pediatrics, 0, , .	0.8	0