

Viren Sardana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5618944/publications.pdf>

Version: 2024-02-01

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

#	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