

Raju Shrestha

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

241
citations

1307594

7
h-index

1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Tools and Technologies for Blind and Visually Impaired Navigation Support: A Review. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2022, 39, 3-18.	3.2	86
2	Multispectral imaging using a stereo camera: concept, design and assessment. Eurasip Journal on Advances in Signal Processing, 2011, 2011, .	1.7	29
3	Spatial arrangement of color filter array for multispectral image acquisition. Proceedings of SPIE, 2011, .	0.8	22
4	Eigensteps: A giant leap for gait recognition. , 2010, , .		21
5	One-shot multispectral color imaging with a stereo camera. Proceedings of SPIE, 2011, , .	0.8	14
6	Spectrogenic imaging: A novel approach to multispectral imaging in an uncontrolled environment. Optics Express, 2014, 22, 9123.	3.4	12
7	Multimodal Navigation Systems for Users with Visual Impairments – A Review and Analysis. Multimodal Technologies and Interaction, 2020, 4, 73.	2.5	9
8	Smartphone Navigation Support for Blind and Visually Impaired People - A Comprehensive Analysis of Potentials and Opportunities. Lecture Notes in Computer Science, 2020, , 568-583.	1.3	9
9	LED Based Multispectral Film Scanner for Accurate Color Imaging. , 2012, , .		7
10	SceneRecog: A Deep Learning Scene Recognition Model for Assisting Blind and Visually Impaired Navigate using Smartphones. , 2021, , .		6
11	Computational color constancy using chromogenic filters in color filter arrays. , 2012, , .		2
12	Multispectral imaging: an application to density measurement of photographic paper in the manufacturing process control. , 2015, , .		2
13	Assessment of Two Fast Multispectral Systems for Imaging of a Cultural Heritage Artifact - A Russian Icon. , 2018, , .		2
14	Towards Independent Navigation with Visual Impairment: A Prototype of a Deep Learning and Smartphone-based Assistant. , 2021, , .		2
15	Simultaneous Multispectral Imaging and Illuminant Estimation Using a Stereo Camera. Lecture Notes in Computer Science, 2012, , 45-55.	1.3	2
16	Optimizing Power and Energy Efficiency in Cloud Computing. , 2019, , .		2
17	A Neural Network Model and Framework for an Automatic Evaluation of Image Descriptions based on NCAM Image Accessibility Guidelines. , 2021, , .		2
18	LiDAR-Based Obstacle Detection and Distance Estimation in Navigation Assistance for Visually Impaired. Lecture Notes in Computer Science, 2022, , 479-491.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Distance Estimation Methods for Smartphone-Based Navigation Support Systems. Lecture Notes in Networks and Systems, 2022, , 658-673.	0.7	1
20	A fast method for global depth-map extraction from natural images. , 2012, , .		0
21	High Availability and Performance of Database in the Cloud - Traditional Master-slave Replication versus Modern Cluster-based Solutions. , 2017, , .		0
22	Accessible Driver Announcement in Public Transportation: A Solution based on Speech-to-Text and Display. , 2020, , .		0