Subit K Jain

List of Publications by Year in descending order

13 papers	**65** citations	1684188 **5** h-index	1588992 **8** g-index
13 all docs	**13** docs citations	**13** times ranked	**35** citing authors

#	Article	IF	Citations
1	A fuzzy edge detector driven telegraph total variation model for image despeckling. Inverse Problems and Imaging, 2021, .	1.1	1
2	Study of dynamic behaviour of psychological stress during COVID-19 in India: A mathematical approach. Results in Physics, 2021, 29, 104661.	4.1	3
3	Non-linear Diffusion Models for Despeckling of Images: Achievements and Future Challenges. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 66-82.	3.2	13
4	A Nonlinear Telegraph Equation for Edge-Preserving Image Restoration. Advances in Intelligent Systems and Computing, 2020, , 833-841.	0.6	0
5	On the development of a coupled nonlinear telegraph-diffusion model for image restoration. Computers and Mathematics With Applications, 2020, 80, 1745-1766.	2.7	6
6	A Nonlinear Coupled Diffusion System for Image Despeckling and Application to Ultrasound Images. Circuits, Systems, and Signal Processing, 2019, 38, 1654-1683.	2.0	11
7	Proximal Support Vector Machine-Based Hybrid Approach for Edge Detection in Noisy Images. Journal of Intelligent Systems, 2019, 29, 1315-1328.	1.6	3
8	Time-delay-induced instabilities and Hopf bifurcation analysis in 2-neuron network model with reactionâ€"diffusion term. Neurocomputing, 2018, 313, 306-315.	5.9	9
9	An Alternative Framework of Anisotropic Diffusion for Image Denoising. , 2016, , .		3
10	Edge Detectors Based Telegraph Total Variational Model for Image Filtering. Advances in Intelligent Systems and Computing, 2016, , 119-126.	0.6	5
11	A Comparative Study of Iterative Solvers for Image De-noising. Advances in Intelligent Systems and Computing, 2015, , 307-314.	0.6	1
12	A Non-linear Diffusion Based Partial Differential Equation Model for Noise Reduction in Images. Advances in Intelligent Systems and Computing, 2015, , 429-438.	0.6	1
13	Iterative solvers for image denoising with diffusion models: A comparative study. Computers and Mathematics With Applications, 2015, 70, 191-211.	2.7	9