Shankha Sanyal

List of Publications by Year
in descending order

16 papers	250 citations	1307594 7 h-index	1199594 12 g-index
16 all docs	16 docs citations	16 times ranked	161 citing authors

#	Article	IF	Citations
1	Multifractal Detrended Fluctuation Analysis of alpha and theta EEG rhythms with musical stimuli. Chaos, Solitons and Fractals, 2015, 81, 52-67.	5.1	71
2	Study on Brain Dynamics by Non Linear Analysis of Music Induced EEG Signals. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 110-120.	2.6	64
3	Music of brain and music on brain: a novel EEG sonification approach. Cognitive Neurodynamics, 2019, 13, 13-31.	4.0	22
4	A study on Improvisation in a Musical performance using Multifractal Detrended Cross Correlation Analysis. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 67-83.	2.6	18
5	On the application of deep learning and multifractal techniques to classify emotions and instruments using Indian Classical Music. Physica A: Statistical Mechanics and Its Applications, 2022, 597, 127261.	2.6	14
6	Detrended Fluctuation and Power Spectral Analysis of alpha and delta EEG brain rhythms to study music elicited emotion. , 2015, , .		13
7	Emotion specification from musical stimuli: An EEG study with AFA and DFA. , 2017, , .		8
8	A novel study on perception–cognition scenario in music using deterministic and non-deterministic approach. Physica A: Statistical Mechanics and Its Applications, 2021, 567, 125682.	2.6	8
9	Brain response to color stimuli: an EEG study with nonlinear approach. Cognitive Neurodynamics, 2021, 15, 1023-1053.	4.0	8
10	Do musical notes correlate with emotions? A neuro-acoustical study with Indian classical music. Proceedings of Meetings on Acoustics, 2020, , .	0.3	8
11	Tagore and neuroscience: A non-linear multifractal study to encapsulate the evolution of Tagore songs over a century. Entertainment Computing, 2021, 37, 100367.	2.9	5
12	Emotions from Hindustani Classical Music: An EEG based study including Neural Hysteresis. Signals and Communication Technology, 2018, , 49-72.	0.5	4
13	Multifractal Detrended Fluctuation Analysis of the music induced EEG signals. , 2015, , .		3
14	Can musical emotion be quantified with neural jitter or shimmer? A novel EEG based study with Hindustani classical music. , 2017, , .		2
15	Musical Perception and Visual Imagery: Do Musicians visualize while Performing?. Signals and Communication Technology, 2018, , 73-102.	0.5	1
16	A Simultaneous EEG and EMG Study to Quantify Emotions from Hindustani Classical Music. Lecture Notes in Mechanical Engineering, 2021, , 285-299.	0.4	1