Kaustav Bhowmick

List of Publications by Year
in descending order

12	46	2258059	1720034
papers	citations	3 h-index	7 g-index

12	12	12	63
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coâ€Extrusion of Multilayer Glass Fiberâ€Optic Preforms: Prediction of Layer Dimensions in the Extrudate. Journal of the American Ceramic Society, 2013, 96, 118-124.	3.8	16
2	Photonic crystal ring resonator-based four-channel dense wavelength division multiplexing demultiplexer on silicon on insulator platform: design and analysis. Optical Engineering, 2018, 57, 1.	1.0	11
3	Predictive, Miniature Coâ€Extrusion of Multilayered Glass Fiberâ€Optic Preforms. Journal of the American Ceramic Society, 2016, 99, 106-114.	3.8	5
4	A Simple Speech Production System Based on Formant Estimation of a Tongue Articulatory System Using Human Tongue Orientation. IEEE Access, 2021, 9, 4688-4710.	4.2	4
5	Age-Based Automatic Voice Conversion Using Blood Relation for Voice Impaired. Computers, Materials and Continua, 2022, 70, 4027-4051.	1.9	3
6	Design of photonic crystal based demultiplexer for CWDM technology. , 2017, , .		2
7	Dimensional Modification Induced Band Gap Tuning in 2D-Photonic Crystal for Advanced Communication and Other Application. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 245-255.	0.3	2
8	Sensor based speech production system without use of glottis. , 2017, , .		1
9	An Investigation of Transmission Properties of Double-Exponential Pulses in Core-Clad Optical Fibers for Communication Application. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 66-79.	0.3	1
10	Investigation of transmission properties of a practical double exponential pulse for communication and sensing application. Optik, 2022, 255, 168735.	2.9	1
11	Identification of correlation between blood relations using speech signal. , 2017, , .		0
12	2-D hollow core photonic crystal fiber-type absorption layer for enhancement of efficiency and broad response in multi-junction solar cell. AIP Conference Proceedings, 2019, , .	0.4	0