Muhammad Hunain Memon

List of Publications by Year
in descending order

26	529	933447	1199594
papers	citations	10	12
		h-index	g-index

26	26	26	307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bidirectional photocurrent in p–n heterojunction nanowires. Nature Electronics, 2021, 4, 645-652.	26.0	129
2	AlGaN-based deep ultraviolet micro-LED emitting at 275 nm. Optics Letters, 2021, 46, 3271.	3.3	87
3	Breast Cancer Detection in the IOT Health Environment Using Modified Recursive Feature Selection. Wireless Communications and Mobile Computing, 2019, 2019, 1-19.	1.2	62
4	Enhanced light extraction of the deep-ultraviolet micro-LED via rational design of chip sidewall. Optics Letters, 2021, 46, 4809.	3.3	43
5	Demonstration of Photoelectrochemical–Type Photodetectors Using Seawater as Electrolyte for Portable and Wireless Optical Communication. Advanced Optical Materials, 2022, 10, .	7.3	32
6	Heart Disease Prediction System Using Model Of Machine Learning and Sequential Backward Selection Algorithm for Features Selection. , 2019, , .		30
7	Photovoltage–Competing Dynamics in Photoelectrochemical Devices: Achieving Self–Powered Spectrally Distinctive Photodetection. Advanced Functional Materials, 2022, 32, .	14.9	30
8	A Single-Fed Multiband Antenna for WLAN and 5G Applications. Sensors, 2020, 20, 6332.	3.8	28
9	Balancing the Photo–Induced Carrier Transport Behavior at Two Semiconductor Interfaces for Dual–Polarity Photodetection. Advanced Functional Materials, 2022, 32, .	14.9	21
10	A 10 × 10 deep ultraviolet light-emitting micro-LED array. Journal of Semiconductors, 2022, 43, 062801.	3.7	18
11	Development of highly efficient ultraviolet LEDs on hybrid patterned sapphire substrates. Optics Letters, 2021, 46, 5356.	3.3	16
12	Early Stage Alzheimer's Disease Diagnosis Method. , 2019, , .		7
13	Investigation of quantum structure in N-polar deep-ultraviolet light-emitting diodes. Journal of Applied Physics, 2021, 129, .	2.5	7
14	Region based localized matching image retrieval system using color-size features for image retrieval. , 2017, , .		5
15	Film Bulk Acoustic Wave Resonator in Rf Filters. , 2018, , .		5
16	Optimum DCT type-I based transceiver model and effective channel estimation for uplink NB-IoT system. Physical Communication, 2021, 48, 101431.	2.1	5
17	Multigain cascode technique for low power BLE ISM band 2.4GHz differential inductive source degeneration based LNA. , 2018, , .		2
18	Localization in images matching through region-based similarity technique for content-based image retrieval. , 2016, , .		1

#	Article	IF	Citations
19	Prototype of Smart Trainable Robotic Arm. , 2019, , .		1
20	Digital Coherent Radio Over Fiber Based Backhaul System for Indoor Wireless Communication. , 2018, , .		0
21	Dr. Shimeng Yu Visits IEEE SSCS USTC Student Chapter [Chapters]. IEEE Solid-State Circuits Magazine, 2019, 11, 97-97.	0.4	0
22	IEEE SSCS USTC Student Chapter Organizes Summer Trip [Chapters]. IEEE Solid-State Circuits Magazine, 2019, 11, 71-71.	0.4	0
23	IEEE SSCS-USTC Chapter Members Organize Autumn Excursion [Chapters]. IEEE Solid-State Circuits Magazine, 2020, 12, 68-68.	0.4	0
24	IEEE SSCS-USTC Student Branch Chapter Hosts Prof. Songbin Gong [Chapters]. IEEE Solid-State Circuits Magazine, 2020, 12, 70-71.	0.4	0
25	Performance improvement of AlGaN-based deep ultraviolet light-emitting diodes with double-side step n-AlGaN inserted layer. , 2022, , .		0
26	A 28 GHz Double Octagonal-ring Patch Antenna for 5G Millimeter-Wave Communication Systems. , 2021, , .		0