

Muhammad Hunain Memon

List of Publications by Year in descending order

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26
papers

529
citations

933447

10
h-index

1199594

12
g-index

26
all docs

26
docs citations

26
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Photovoltageâ€Competing Dynamics in Photoelectrochemical Devices: Achieving Selfâ€Powered Spectrally Distinctive Photodetection. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	30
2	Performance improvement of AlGaIn-based deep ultraviolet light-emitting diodes with double-side step n-AlGaIn inserted layer. , 2022, , .		0
3	Demonstration of Photoelectrochemicalâ€Type Photodetectors Using Seawater as Electrolyte for Portable and Wireless Optical Communication. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	32
4	Balancing the Photoâ€Induced Carrier Transport Behavior at Two Semiconductor Interfaces for Dualâ€Polarity Photodetection. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	21
5	A 10 Å– 10 deep ultraviolet light-emitting micro-LED array. <i>Journal of Semiconductors</i> , 2022, 43, 062801.	3.7	18
6	Investigation of quantum structure in N-polar deep-ultraviolet light-emitting diodes. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	7
7	AlGaIn-based deep ultraviolet micro-LED emitting at 275 nm. <i>Optics Letters</i> , 2021, 46, 3271.	3.3	87
8	Bidirectional photocurrent in pâ€n heterojunction nanowires. <i>Nature Electronics</i> , 2021, 4, 645-652.	26.0	129
9	Enhanced light extraction of the deep-ultraviolet micro-LED via rational design of chip sidewall. <i>Optics Letters</i> , 2021, 46, 4809.	3.3	43
10	Optimum DCT type-I based transceiver model and effective channel estimation for uplink NB-IoT system. <i>Physical Communication</i> , 2021, 48, 101431.	2.1	5
11	Development of highly efficient ultraviolet LEDs on hybrid patterned sapphire substrates. <i>Optics Letters</i> , 2021, 46, 5356.	3.3	16
12	A 28 GHz Double Octagonal-ring Patch Antenna for 5G Millimeter-Wave Communication Systems. , 2021, , .		0
13	A Single-Fed Multiband Antenna for WLAN and 5G Applications. <i>Sensors</i> , 2020, 20, 6332.	3.8	28
14	IEEE SSCS-USTC Chapter Members Organize Autumn Excursion [Chapters]. <i>IEEE Solid-State Circuits Magazine</i> , 2020, 12, 68-68.	0.4	0
15	IEEE SSCS-USTC Student Branch Chapter Hosts Prof. Songbin Gong [Chapters]. <i>IEEE Solid-State Circuits Magazine</i> , 2020, 12, 70-71.	0.4	0
16	Dr. Shimeng Yu Visits IEEE SSCS USTC Student Chapter [Chapters]. <i>IEEE Solid-State Circuits Magazine</i> , 2019, 11, 97-97.	0.4	0
17	Heart Disease Prediction System Using Model Of Machine Learning and Sequential Backward Selection Algorithm for Features Selection. , 2019, , .		30
18	IEEE SSCS USTC Student Chapter Organizes Summer Trip [Chapters]. <i>IEEE Solid-State Circuits Magazine</i> , 2019, 11, 71-71.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Prototype of Smart Trainable Robotic Arm. , 2019, , .		1
20	Early Stage Alzheimerâ€™s Disease Diagnosis Method. , 2019, , .		7
21	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
22	Film Bulk Acoustic Wave Resonator in Rf Filters. , 2018, , .		5
23	Digital Coherent Radio Over Fiber Based Backhaul System for Indoor Wireless Communication. , 2018, , .		0
24	Multigain cascode technique for low power BLE ISM band 2.4GHz differential inductive source degeneration based LNA. , 2018, , .		2
25	Region based localized matching image retrieval system using color-size features for image retrieval. , 2017, , .		5
26	Localization in images matching through region-based similarity technique for content-based image retrieval. , 2016, , .		1