

Mubarak A Mujawar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

434
citations

840585

11
h-index

794469

19
g-index

24
all docs

24
docs citations

24
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-enabled biosensing systems for intelligent healthcare: towards COVID-19 management. <i>Materials Today Chemistry</i> , 2020, 17, 100306.	1.7	140
2	State-of-Art Functional Biomaterials for Tissue Engineering. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	49
3	Point of Care Sensing Devices: Better Care for Everyone. <i>Sensors</i> , 2018, 18, 4303.	2.1	41
4	Bio-inspired graphene-based nano-systems for biomedical applications. <i>Nanotechnology</i> , 2021, 32, 502001.	1.3	38
5	Biosensors for Epilepsy Management: State-of-Art and Future Aspects. <i>Sensors</i> , 2019, 19, 1525.	2.1	31
6	In-situ mechanics of 3D graphene foam based ultra-stiff and flexible metallic metamaterial. <i>Carbon</i> , 2018, 137, 502-510.	5.4	25
7	The temporal evolution in plasma potential during laser photo-detachment used to diagnose electronegative plasma. <i>Plasma Sources Science and Technology</i> , 2011, 20, 055003.	1.3	24
8	Ion flux enhancements and oscillations in spatially confined laser produced aluminum plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	19
9	Properties of a differentially pumped constricted hollow anode plasma source. <i>Plasma Sources Science and Technology</i> , 2011, 20, 015024.	1.3	12
10	Atmospheric pulsed laser deposition and thermal annealing of plasmonic silver nanoparticle films. <i>Nanotechnology</i> , 2017, 28, 445601.	1.3	12
11	Plasma-Induced Enhancement in Electronic Properties of Gold Nanoparticles: Application in Electrochemical Biosensing of Cortisol. <i>ACS Applied Electronic Materials</i> , 2021, 3, 230-237.	2.0	11
12	Atmospheric Plasma Treatment Enhances the Biosensing Properties of Graphene Oxide-Silver Nanoparticle Composite. <i>Journal of the Electrochemical Society</i> , 2019, 166, B3084-B3090.	1.3	10
13	Effects of cold atmospheric plasma treatment on the morphological and optical properties of plasmonic silver nanoparticles. <i>Nanotechnology</i> , 2020, 31, 365706.	1.3	8
14	Communicationâ€™Detection of Salivary Cortisol Using Zinc Oxide and Copper Porphyrin Composite Using Electrodeposition and Plasma-Assisted Deposition. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 061022.	0.9	4
15	Towards Biosensor Enabled Smart Bandages for Wound Monitoring: Approach and Overview. , 2018, , .		3
16	Cold Atmospheric Plasma Annealing of Plasmonic Silver Nanoparticles. <i>ECS Transactions</i> , 2018, 88, 197-201.	0.3	2
17	Cold Atmospheric Plasma Annealing of Plasmonic Silver Nanoparticles. <i>ECS Meeting Abstracts</i> , 2018, MA2018-03, 186-186.	0.0	1
18	Thin Film FETs on Flexible Substrates: a Case for Biosensing Application. <i>ECS Meeting Abstracts</i> , 2018, MA2018-03, 145-145.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Plasma Assisted Control of Nanoparticle Distribution for Enhancing the Electrochemical Activity of Electrodes. ECS Meeting Abstracts, 2020, MA2020-01, 2082-2082.	0.0	1
20	Studies of electronegative Ar/O ₂ discharge in a constricted hollow anode plasma source using dual probe technique. , 2011, , .		0
21	Transient properties of anodic glow in constricted anode plasma source. , 2012, , .		0
22	(Invited) Plasma Assisted Enhancement in Optical and Electronic Properties of Metal Nanoparticles: Application in Electrochemical Biosensing. ECS Transactions, 2021, 104, 21-28.	0.3	0
23	(Invited) Plasma Assisted Enhancement in Optical and Electronic Properties of Metal Nanoparticles: Application in Electrochemical Biosensing. ECS Meeting Abstracts, 2021, MA2021-02, 1641-1641.	0.0	0