

Meysam Heydari Gharahcheshmeh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical vapour deposition. Nature Reviews Methods Primers, 2021, 1, .	21.2	244
2	Device Fabrication Based on Oxidative Chemical Vapor Deposition (oCVD) Synthesis of Conducting Polymers and Related Conjugated Organic Materials. Advanced Materials Interfaces, 2019, 6, 1801564.	3.7	65
3	Tuning, optimization, and perovskite solar cell device integration of ultrathin poly(3,4-ethylene Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.5	56
4	Efficient, Flexible, and Ultra-Lightweight Inverted PbS Quantum Dots Solar Cells on All-CVD-Growth of Parylene/Graphene/oCVD PEDOT Substrate with High Power-Per-Weight. Advanced Materials Interfaces, 2020, 7, 2000498.	3.7	24
5	Optimizing the Optoelectronic Properties of Face-On Oriented Poly(3,4-Ethylenedioxythiophene) via Water-Assisted Oxidative Chemical Vapor Deposition. Advanced Functional Materials, 2021, 31, 2008712.	14.9	24
6	Humidity-Initiated Gas Sensors for Volatile Organic Compounds Sensing. Advanced Functional Materials, 2021, 31, 2101310.	14.9	23
7	Ultrathin Conformal oCVD PEDOT Coatings on Carbon Electrodes Enable Improved Performance of Redox Flow Batteries. Advanced Materials Interfaces, 2020, 7, 2000855.	3.7	22
8	Microstructure Characteristics of High Lift Factor MOCVD REBCO Coated Conductors With High Zr Content. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	15
9	MOCVD of Heavily-Doped 25 mol.% Zr-Added (Gd, Y)Ba ₂ Cu ₃ O _{7-δ} Coated Conductors. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	14
10	Hall of Fame Article: Device Fabrication Based on Oxidative Chemical Vapor Deposition (oCVD) Synthesis of Conducting Polymers and Related Conjugated Organic Materials (Adv. Mater. Interfaces) Tj ETQq0 0 0.784314 rgBT /Overlock 10 TF	3.7	65
11	Recent Progress in Conjugated Conducting and Semiconducting Polymers for Energy Devices. Energies, 2022, 15, 3661.	3.1	6
12	Relevant Pinning for ab-Plane Jc Enhancement of MOCVD REBCO Coated Conductors. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	3
13	Water-Assisted Growth: Optimizing the Optoelectronic Properties of Face-On Oriented Poly(3,4-Ethylenedioxythiophene) via Water-Assisted Oxidative Chemical Vapor Deposition (Adv. Funct.) Tj ETQq1 1 0.784314 rgBT	10.5	56
14	Conjugated polymers for flexible energy harvesting and storage devices. , 2022, , 283-311.		1
15	Superconducting Characteristics of REBCO Coated Conductors With Different Zr Content. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	0