

Eldar M Khabushev

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

279
citations

1039406

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1058022

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15
all docs

15
docs citations

15
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning for Tailoring Optoelectronic Properties of Single-Walled Carbon Nanotube Films. Journal of Physical Chemistry Letters, 2019, 10, 6962-6966.	2.1	54
2	Structure-dependent performance of single-walled carbon nanotube films in transparent and conductive applications. Carbon, 2020, 161, 712-717.	5.4	38
3	Artificial neural network for predictive synthesis of single-walled carbon nanotubes by aerosol CVD method. Carbon, 2019, 153, 100-103.	5.4	36
4	Residence time effect on single-walled carbon nanotube synthesis in an aerosol CVD reactor. Chemical Engineering Journal, 2021, 420, 129869.	6.6	21
5	Fine-tuning of spark-discharge aerosol CVD reactor for single-walled carbon nanotube growth: The role of ex situ nucleation. Chemical Engineering Journal, 2020, 383, 123073.	6.6	20
6	Joint effect of ethylene and toluene on carbon nanotube growth. Carbon, 2022, 189, 474-483.	5.4	20
7	Electrochemical enhancement of optoelectronic performance of transparent and conducting single-walled carbon nanotube films. Carbon, 2020, 167, 244-248.	5.4	19
8	Rapid, efficient, and non-destructive purification of single-walled carbon nanotube films from metallic impurities by Joule heating. Carbon, 2020, 168, 193-200.	5.4	19
9	Activation of catalyst particles for single-walled carbon nanotube synthesis. Chemical Engineering Journal, 2021, 413, 127475.	6.6	19
10	Highly efficient doping of carbon nanotube films with chloroauric acid by dip-coating. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 278, 115648.	1.7	10
11	Direct measurement of carbon nanotube temperature between fiber ferrules as a universal tool for saturable absorber stability investigation. Carbon, 2021, 184, 941-948.	5.4	9
12	Robust technique for dispersion of single-walled carbon nanotubes in aqueous solutions with tRNA. Carbon, 2019, 151, 175-180.	5.4	6
13	Direct injection of SWCNTs into liquid after supercritical nitrogen treatment. Carbon, 2019, 152, 66-69.	5.4	4
14	Local ultra-densification of single-walled carbon nanotube films: Experiment and mesoscopic modeling. Carbon, 2022, 196, 979-987.	5.4	4
15	Plasmonic Photonic Crystal Slab: Surface Wave-Assisted Binding for Lipoprotein Detection. , 2018, , .		0