

Khashayar Badii

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

375
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	PAN precursor fabrication, applications and thermal stabilization process in carbon fiber production: Experimental and mathematical modelling. <i>Progress in Materials Science</i> , 2020, 107, 100575.	32.8	168
2	Support vector regression modelling and optimization of energy consumption in carbon fiber production line. <i>Computers and Chemical Engineering</i> , 2018, 109, 276-288.	3.8	55
3	Chemical structure based prediction of PAN and oxidized PAN fiber density through a non-linear mathematical model. <i>Polymer Degradation and Stability</i> , 2016, 131, 53-61.	5.8	49
4	A machine learning case study with limited data for prediction of carbon fiber mechanical properties. <i>Computers in Industry</i> , 2019, 105, 123-132.	9.9	33
5	Production of Low Cost Carbon-Fiber through Energy Optimization of Stabilization Process. <i>Materials</i> , 2018, 11, 385.	2.9	25
6	Development of a predictive model for study of skin-core phenomenon in stabilization process of PAN precursor. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 49, 46-60.	5.8	20
7	Multi-Objective Optimization of Manufacturing Process in Carbon Fiber Industry Using Artificial Intelligence Techniques. <i>IEEE Access</i> , 2019, 7, 67576-67588.	4.2	16
8	A comprehensive chemical model for the preliminary steps of the thermal stabilization process in a carbon fibre manufacturing line. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 959-971.	3.7	9