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## An Artificial Neural Network for the Low-Cost Prediction of Soot Emissions

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9	A Novel Data-Driven Method to Estimate Methane Adsorption Isotherm on Coals Using the Gradient Boosting Decision Tree: A Case Study in the Qinshui Basin, China. <i>Energies</i> , <b>2020</b> , 13, 5369	3.1	9
8	A Long Short-Term Memory Neural Network for the Low-Cost Prediction of Soot Concentration in a Time-Dependent Flame. <i>Energies</i> , <b>2021</b> , 14, 1394	3.1	2
7	A virtual chemistry model for soot prediction in flames including radiative heat transfer. <i>Combustion and Flame</i> , <b>2022</b> , 238, 111879	5.3	0
6	Numerical Investigations of Combustion An Overview. <i>Energies</i> , <b>2022</b> , 15, 2975	3.1	0
5	Advanced AI Applications in Energy and Environmental Engineering Systems. <b>2022</b> , 15, 5621		0
4	Exploring soot inception rate with stochastic modelling and machine learning. <b>2022</b> , 112375		0
3	Application of machine learning for the low-cost prediction of soot concentration in a turbulent flame.		0
2	Application of machine learning in low-order manifold representation of chemistry in turbulent flames. 1-20		1
1	The importance of accurately modelling soot and radiation coupling in laminar and laboratory-scale turbulent diffusion flames. <b>2022</b> , 112573		0