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List of Publications by Year in descending order

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9
papers

103
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	FTIR-ATR Predictive Model for Determination of Asphaltene Solubility Class Index (ASCI) Based on Partial Least-Squares Regression (PLS-R). <i>Energy & Fuels</i> , 2019, 33, 12213-12218.	5.1	6
2	FTIR-PAS coupled to partial least squares for prediction of ash content, volatile matter, fixed carbon and calorific value of coal. <i>Fuel</i> , 2018, 226, 536-544.	6.4	30
3	SARA analysis and Conradson carbon residue prediction of Colombian crude oils using PLSR and Raman spectroscopy. <i>Journal of Petroleum Science and Engineering</i> , 2017, 156, 966-970.	4.2	15
4	APPI(+)-FTICR mass spectrometry coupled to partial least squares with genetic algorithm variable selection for prediction of API gravity and CCR of crude oil and vacuum residues. <i>Fuel</i> , 2017, 193, 39-44.	6.4	26
5	Bromine number prediction for Colombian naphthas using near-infrared spectroscopy and chemometric methods. <i>Revista Ion</i> , 2017, 29, 73-83.	0.2	1
6	Monitoring foam coarsening using a computer optical mouse as a dynamic laser speckle measurement sensor. <i>Pramana - Journal of Physics</i> , 2013, 81, 987-994.	1.8	3
7	Tracking of wet foam ageing by means of dynamic laser speckle and computer optical mouse. , 2013, , .		0
8	Construction of a predictive model for concentration of nickel and vanadium in vacuum residues of crude oils using artificial neural networks and LIBS. <i>Applied Optics</i> , 2012, 51, B108.	1.8	18
9	Object recognition using cylindrical harmonic filter. <i>Optics Express</i> , 2004, 12, 3046.	3.4	4