

ValkÃ³ Áva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8428924/publications.pdf>

Version: 2024-02-01

9
papers

483
citations

1477746

6
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of combustion experiments using differential entropy. <i>Combustion Theory and Modelling</i> , 2022, 26, 67-90.	1.0	4
2	Uncertainty Quantification of Chemical Kinetic Reaction Rate Coefficients. <i>Mathematics in Industry</i> , 2020, , 35-44.	0.1	1
3	Investigation of the effect of correlated uncertain rate parameters via the calculation of global and local sensitivity indices. <i>Journal of Mathematical Chemistry</i> , 2018, 56, 864-889.	0.7	6
4	Uncertainty quantification of a newly optimized methanol and formaldehyde combustion mechanism. <i>Combustion and Flame</i> , 2017, 186, 45-64.	2.8	61
5	Investigation of the effect of correlated uncertain rate parameters on a model of hydrogen combustion using a generalized HDMR method. <i>Proceedings of the Combustion Institute</i> , 2017, 36, 681-689.	2.4	12
6	Development of an Ethanol Combustion Mechanism Based on a Hierarchical Optimization Approach. <i>International Journal of Chemical Kinetics</i> , 2016, 48, 423-441.	1.0	77
7	Development of a Joint Hydrogen and Syngas Combustion Mechanism Based on an Optimization Approach. <i>International Journal of Chemical Kinetics</i> , 2016, 48, 407-422.	1.0	122
8	Uncertainty of the rate parameters of several important elementary reactions of the H ₂ and syngas combustion systems. <i>Combustion and Flame</i> , 2015, 162, 2059-2076.	2.8	55
9	Optimization of a hydrogen combustion mechanism using both direct and indirect measurements. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 589-596.	2.4	145