

# Syed Wahiduzzaman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11418118/publications.pdf>

Version: 2024-02-01

9  
papers

161  
citations

1684188  
5  
h-index

1872680  
6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a K-k- $\epsilon$ Phenomenological Model to Predict In-Cylinder Turbulence. SAE International Journal of Engines, 0, 10, 562-575.	0.4	49
2	Examining the role of flame topologies and in-cylinder flow fields on cyclic variability in spark-ignited engines using large-eddy simulation. International Journal of Engine Research, 2018, 19, 886-904.	2.3	46
3	CONVECTIVE HEAT TRANSFER FROM A DECAYING SWIRLING FLOW WITHIN A CYLINDER. , 1986, , .		20
4	Development of ECU Capable Grey-Box Models from Detailed Models Application to a SCR Reactor. Emission Control Science and Technology, 2016, 2, 124-136.	1.5	19
5	Efficient Solution of Washcoat Diffusion-Reaction Problem for Real-Time Simulations. Emission Control Science and Technology, 2018, 4, 90-102.	1.5	8
6	Performance evaluation of neural networks in modeling exhaust gas aftertreatment reactors. Chemical Engineering Journal, 2022, 433, 134366.	12.7	7
7	Development of a Global Kinetic Model for a Commercial Lean NO <sub>x</sub> Trap Automotive Catalyst Based on Laboratory Measurements. Emission Control Science and Technology, 2017, 3, 73-92.	1.5	6
8	Modeling NO <sub>x</sub> Storage and Reduction for a Diesel Automotive Catalyst Based on Synthetic Gas Bench Experiments. Industrial & Engineering Chemistry Research, 2018, 57, 12335-12351.	3.7	6
9	The effect of aspect ratio on heat loss from a swirling flow within a cylinder. International Journal of Heat and Fluid Flow, 1988, 9, 188-193.	2.4	0