

# Valentina Pessina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3476308/publications.pdf>

Version: 2024-02-01

8  
papers

23  
citations

2682335  
2  
h-index

2917550  
2  
g-index

8  
all docs

8  
docs citations

8  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative investigation on the impact of injection timing on soot formation in a GDI engine with a customized sectional method. International Journal of Engine Research, 2022, 23, 624-637.	1.4	8
2	Development of a Sectional Soot Model Based Methodology for the Prediction of Soot Engine-Out Emissions in GDI Units. , 0, , .		6
3	Development of gasoline-ethanol blends laminar flame speed correlations at full-load Si engine conditions via 1D simulations. AIP Conference Proceedings, 2019, , .	0.3	4
4	Potentials of the Oversizing and H2-Supported Lean Combustion of a VVA SI Gasoline Engine Towards Efficiency Improvement. , 0, , .		3
5	Numerical Simulation of Syngas Blends Combustion in a Research Single-Cylinder Engine. , 0, , .		2
6	Comparison Between Experimental and Simulated Knock Statistics Using an Advanced Fuel Surrogate Model. E3S Web of Conferences, 2020, 197, 06012.	0.2	0
7	Effect of Lagrangian-phase Modelling on Charge Stratification and Spatial Distribution of Threshold Soot Index for Toluene Reference Fuel Surrogates. E3S Web of Conferences, 2021, 312, 07007.	0.2	0
8	Application of the Sectional Method to Investigate Particle Number and Soot Mass in Ethanol and Gasoline Fueled Premixed Spark Ignition Engines. E3S Web of Conferences, 2020, 197, 06009.	0.2	0