

# Simón Martínez-Martínez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6553048/publications.pdf>

Version: 2024-02-01

16  
papers

230  
citations

1039880

9  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid penetration length in direct diesel fuel injection. <i>Applied Thermal Engineering</i> , 2008, 28, 1756-1762.	3.0	49
2	Effect of an ethanol-biodiesel diesel blend on a common rail injection system. <i>Fuel Processing Technology</i> , 2011, 92, 2145-2153.	3.7	28
3	Effect of diesel-biodiesel-ethanol blends on the spray macroscopic parameters in a common-rail diesel injection system. <i>Fuel</i> , 2019, 241, 876-883.	3.4	26
4	Alternative method for bulk modulus estimation of Diesel fuels. <i>Fuel</i> , 2016, 167, 199-207.	3.4	24
5	A criterion for the transition from wall to core peak gas volume fraction distributions in bubbly flows. <i>International Journal of Multiphase Flow</i> , 2012, 43, 56-61.	1.6	15
6	Modeling the thermo-hydraulic performance of direct fired heaters for crude processing. <i>Applied Thermal Engineering</i> , 2012, 39, 157-162.	3.0	12
7	Effects of cavitation in common-rail diesel nozzles on the mixing process. <i>International Journal of Engine Research</i> , 2017, 18, 1017-1034.	1.4	12
8	Effect of an ethanol-diesel blend on a common-rail injection system. <i>International Journal of Engine Research</i> , 2012, 13, 417-428.	1.4	10
9	Automatic macroscopic characterization of diesel sprays by means of a new image processing algorithm. <i>Measurement Science and Technology</i> , 2018, 29, 055406.	1.4	10
10	Biofuels and its spray interactions under pilot-main injection strategy. <i>Energy</i> , 2021, 219, 119464.	4.5	10
11	Impact of relative position vehicle-wind blower in a roller test bench under climatic chamber. <i>Applied Thermal Engineering</i> , 2016, 106, 266-274.	3.0	9
12	A comparative analysis of knock severity in a Cooperative Fuel Research engine using binary gasoline-alcohol blends. <i>International Journal of Engine Research</i> , 2021, 22, 1997-2009.	1.4	7
13	Hydraulic Interactions between Injection Events Using Multiple Injection Strategies and a Solenoid Diesel Injector. <i>Energies</i> , 2021, 14, 3087.	1.6	6
14	An experimental study of heat transfer on a tube bank under frost formation conditions. <i>International Journal of Refrigeration</i> , 2019, 102, 35-46.	1.8	5
15	A comparative study of the effect of compression ratio on the efficiency and flame development angle in a Cooperative Fuel Research engine fueled with binary gasoline-alcohol blends. <i>International Journal of Engine Research</i> , 2021, 22, 569-580.	1.4	5
16	Influence of Cavitation in Common-Rail Diesel Nozzles on the Soot Formation Process through Measuring Soot Emissions. <i>Energies</i> , 2021, 14, 6267.	1.6	2