

Amir H Shamekhi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11486571/publications.pdf>

Version: 2024-02-01

10
papers

225
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the relative contribution of operational parameters on performance and emissions of a common-rail diesel engine using neural network. <i>Fuel</i> , 2014, 125, 116-128.	6.4	50
2	An extended mean value model (EMVM) for control-oriented modeling of diesel engines transient performance and emissions. <i>Fuel</i> , 2015, 154, 275-292.	6.4	38
3	A new approach in improvement of mean value models for spark ignition engines using neural networks. <i>Expert Systems With Applications</i> , 2015, 42, 5192-5218.	7.6	33
4	A study of using E10 and E85 under direct dual fuel stratification (DDFS) strategy: Exploring the effects of the reactivity-stratification and diffusion-limited injection on emissions and performance in an E10/diesel DDFS engine. <i>Fuel</i> , 2020, 275, 117870.	6.4	29
5	More than one decade with development of common-rail diesel engine management systems: a literature review on modelling, control, estimation and calibration. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2015, 229, 1110-1142.	1.9	24
6	Meeting EURO6 emission regulations by multi-objective optimization of the injection strategy of two direct injectors in a DDFS engine. <i>Energy</i> , 2021, 229, 120737.	8.8	17
7	Investigating a new model-based calibration procedure for optimizing the emissions and performance of a turbocharged diesel engine. <i>Fuel</i> , 2019, 242, 455-469.	6.4	14
8	An Investigation of the Effects of the Piston Bowl Geometries of a Heavy-Duty Engine on Performance and Emissions Using Direct Dual Fuel Stratification Strategy, and Proposing Two New Piston Profiles. <i>SAE International Journal of Engines</i> , 0, 13, .	0.4	13
9	Development of a Hierarchical Observer for Burned Gas Fraction in Inlet Manifold of a Turbocharged Diesel Engine. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 11500-11510.	6.3	5
10	An Improved Model for SI Engines. , 2004, , 215.		2