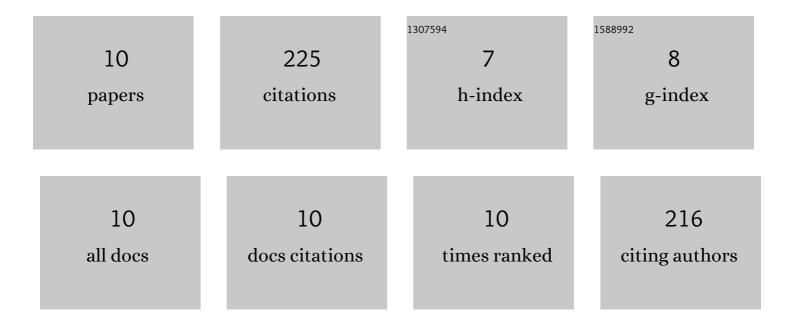
Amir H Shamekhi

List of Publications by Year in descending order

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ΔΜΙΟ Η Shamekhi

2

#	Article	IF	CITATIONS
1	Investigating the relative contribution of operational parameters on performance and emissions of a common-rail diesel engine using neural network. Fuel, 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. Fuel, 2015, 154, 275-292.	6.4	38
3	A new approach in improvement of mean value models for spark ignition engines using neural networks. Expert Systems With Applications, 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. Fuel, 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. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 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. Energy, 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. Fuel, 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. SAE International Journal of Engines, 0, 13, .	0.4	13
9	Development of a Hierarchical Observer for Burned Gas Fraction in Inlet Manifold of a Turbocharged Diesel Engine. IEEE Transactions on Vehicular Technology, 2018, 67, 11500-11510.	6.3	5

10 An Improved Model for SI Engines. , 2004, , 215.