

Dheeraj Bharadwaj Gosala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4358037/publications.pdf>

Version: 2024-02-01

15
papers

303
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental studies on simultaneous injection of ethanolâ€“gasoline and n-butanolâ€“gasoline in the intake port of a four stroke SI engine. Renewable Energy, 2016, 91, 347-360.	8.9	42
2	Utilizing low airflow strategies, including cylinder deactivation, to improve fuel efficiency and aftertreatment thermal management. International Journal of Engine Research, 2017, 18, 1005-1016.	2.3	38
3	Cylinder deactivation during dynamic diesel engine operation. International Journal of Engine Research, 2017, 18, 991-1004.	2.3	33
4	Cylinder Deactivation for Increased Engine Efficiency and Aftertreatment Thermal Management in Diesel Engines. , 0, , .		32
5	Reducing Diesel Engine Drive Cycle Fuel Consumption through Use of Cylinder Deactivation to Maintain Aftertreatment Component Temperature during Idle and Low Load Operating Conditions. Frontiers in Mechanical Engineering, 2017, 3, .	1.8	31
6	Diesel engine aftertreatment warm-up through early exhaust valve opening and internal exhaust gas recirculation during idle operation. International Journal of Engine Research, 2018, 19, 758-773.	2.3	23
7	Experimental assessment of diesel engine cylinder deactivation performance during low-load transient operations. International Journal of Engine Research, 2021, 22, 606-615.	2.3	23
8	Comparative study of diesel engine cylinder deactivation transition strategies. International Journal of Engine Research, 2019, 20, 570-580.	2.3	21
9	Fuel-efficient thermal management in diesel engines via valvetrain-enabled cylinder ventilation strategies. International Journal of Engine Research, 2021, 22, 430-442.	2.3	14
10	Diesel Engine Cylinder Deactivation for Improved System Performance over Transient Real-World Drive Cycles. , 0, , .		11
11	Dynamic cylinder activation in diesel engines. International Journal of Engine Research, 2019, 20, 849-861.	2.3	10
12	Reverse breathing in diesel engines for aftertreatment thermal management. International Journal of Engine Research, 2019, 20, 862-876.	2.3	9
13	Exhaust valve profile modulation for improved diesel engine curb idle aftertreatment thermal management. International Journal of Engine Research, 2021, 22, 3179-3195.	2.3	8
14	Model-based design of dynamic firing patterns for supervisory control of diesel engine vibration. Control Engineering Practice, 2021, 107, 104681.	5.5	6
15	Sensor System and Observer Algorithm Co-Design For Modern Internal Combustion Engine Air Management Based on H2 Optimization. Frontiers in Mechanical Engineering, 2021, 7, .	1.8	2