

Xinyu Fan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4834060/publications.pdf>

Version: 2024-02-01

12
papers

103
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Using a Genetic Algorithm to Achieve Optimal Matching between PMEP and Diameter of Intake and Exhaust Throat of a High-Boost-Ratio Engine. <i>Energies</i> , 2022, 15, 1607.	3.1	3
2	Design and Analysis of a Novel Compositied Electromagnetic Linear Actuator. <i>Actuators</i> , 2022, 11, 6.	2.3	7
3	Loss analysis of electromagnetic valve train under different service conditions. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2021, , 1-13.	0.6	1
4	Kinetic behavior evaluation of electromagnetic valve train subject to exhaust gas force. <i>Applied Thermal Engineering</i> , 2020, 171, 115097.	6.0	7
5	Inhibition of iron loss of the inner yoke in electromagnetic linear actuator. <i>IET Electric Power Applications</i> , 2019, 13, 419-425.	1.8	7
6	Energy consumption investigation of electromagnetic valve train at gas pressure conditions. <i>Applied Thermal Engineering</i> , 2019, 146, 768-774.	6.0	12
7	Bi-stable actuator measurement method based on voice coil motor. <i>Sensors and Actuators A: Physical</i> , 2019, 285, 59-66.	4.1	15
8	Point-to-point motions control of an electromagnetic direct-drive gas valve. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 363-371.	1.5	7
9	Realization and optimization of high compression ratio engine with electromagnetic valve train. <i>Applied Thermal Engineering</i> , 2017, 112, 371-377.	6.0	19
10	Low Power Consumption Direct Drive Control Valve Based on Hybrid Excited Linear Actuator. , 2017, , .		1
11	Electromagnetic Exhaust Valve Event Optimization for Enhancing Gasoline Engine Performance. <i>MATEC Web of Conferences</i> , 2017, 95, 15009.	0.2	1
12	Effects of electromagnetic intake valve train on gasoline engine intake charging. <i>Applied Thermal Engineering</i> , 2016, 96, 708-715.	6.0	23