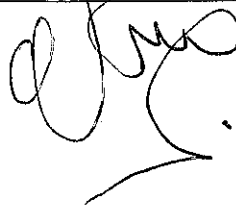


LISTA LUCRĂRILOR PUBLICATE ÎN DOMENIU

Nr. crt.	Titlul lucrării si autorii	Publicația / Conferința (Journal / Proceedings) DOI: Digital Object Identifier
	CERCETĂRI PRIVIND ATOMIZAREA COMBUSTIBILULUI LA SISTEMELE DE INECȚIE MULTIPUNCT BENIUGA MARIUS CONSTANTIN	Teza de doctorat - SUCEAVA, Universitatea „Ștefan Cel Mare” din Suceava FIMMM
	CONCEPEREA ȘI REALIZAREA UNUI SISTEM DE CONTROL A INJECTOARELOR SISTEMELOR COMMON RAIL ÎN VEDEREA STUDIERII PROCESULUI DE ATOMIZARE BENIUGA MARIUS CONSTANTIN	Proiect de cercetare postdoctorală - SUCEAVA, Universitatea „Ștefan Cel Mare” din Suceava FIMAR
1.	EXPERIMENTAL STUDY ON THE OPTIMIZATION OF AIR FLOW FOR INTAKE SYSTEMS BENIUGA MARIUS-CONSTANTIN, TAMAȘAG IOAN,	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E-ISSN-2247-6016, pp. 101-106, 2023.
2.	THE USE OF REVERSE ENGINEERING FOR THE ELIMINATION OF STRESS CONCENTRATORS IN AUTOMOTIVE PARTS - CASE STUDY, TAMAȘAG IOAN, BENIUGA MARIUS-CONSTANTIN	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 107-112, 2023
3.	STUDIES ON REDUCING EMISSIONS USING PREHEATING OF EXHAUST GASES IN THE ISUZU 4JB1 DIESEL ENGINE, PICUS CLAUDIU-MARIAN, BENIUGA MARIUS-CONSTANTIN, CEZAR-ION ADOMNITEI	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 83-88, 2023
4.	THE NECESSITY OF FRAGMENTING ADBLUE DROPLETS IN SCR SYSTEMS, PICUS CLAUDIU-MARIAN, BENIUGA MARIUS-CONSTANTIN, IOAN MIHAI	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 89-94, 2023
5.	VARIATION OF THE SAUTER MEAN DIAMETER DEPENDING ON AIR SPEED AT INJECTION IN SIE BENIUGA MARIUS CONSTANTIN, MIHAI IOAN	P International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" doi.org/10.1117/12.2643282, 27.09.2022
6.	ATOMIZATION OF FUEL DURING OPERATION OF SIE ENGINES AT LOW TEMPERATURES BENIUGA MARIUS CONSTANTIN	P International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies", doi.org/10.1117/12.2643285, 27.09.2022
7.	ATOMIZED FUEL JET AND DROPLETS IN THE ENVELOPE STRUCTURE FORMED, BENIUGA MARIUS CONSTANTIN, ROBERT-ADRIAN CHIȚAN	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 66-69, 2022
8.	DESIGN AND CRASHWORTHINESS ANALYSIS FOR A RALLY VEHICLE ROLL CAGE, ROBERT-ADRIAN CHIȚAN, MARIUS CONSTANTIN BENIUGA	J Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 58-65, 2022
9.	DISTRIBUTION OF DROPLETS IN AN ATOMIZED COMBUSTIBLE JET DEPENDING ON THE SURFACE OF THE ATOMIZED JET OF FUEL MARIUS BENIUGA	P International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies X, 1171812; doi: 10.1117/12.2571159, 31 December 2020



10.	THE MODIFICATION OF VAPORIZATION TIMES AND THE EVOLUTION ANALYZE OF DIAMETERS OF FUEL DROPS DEPENDING ABOUT GASEOUS AMBIENT TEMPERATURE BENIUGA MARIUS, MIHAI IOAN, COZMIN-IOAN RUSU-MANOLACHE	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies X, 1171813; doi: 10.1117/12.2571160, 31 December 2020
11.	LIQUID FUEL JET SHAPE ANALYSIS USING A HIGH WEAR INJECTOR TESTED AT LOW PRESSURE. BENIUGA MARIUS CONSTANTIN, MIHAI IOAN	J	Journal TEHNOMUS New Technologies and Products in Machine Manufacturing Technologies ISSN/ISBN P - ISSN-1224-029X E - ISSN-2247-6016, pp. 91-94, 2019
12.	STUDY HEAT TRANSFER LIQUID DROPLETS INJECTID INTO NON-ISOTHERMAL AND ISOTHERMAL JETS CASE MARIUS BENIUGA, IOAN MIHAI	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2017
13.	ANALYSIS ATOMIZED GASOLINE JETS WITH DIFFERENT PRESSURE ON DIFFERENT TIMES INJECTION MARIUS BENIUGA, IOAN MIHAI	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2017
14.	INFLUENCE OF SPRAY NOZZLE SHAPE UPON ATOMIZATION PROCESS MARIUS BENIUGA, IOAN MIHAI	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" DOI: 10.1117/12.2243130, 2016
15.	STUDIES CONCERNING THE EFFECT OF LARGE DROPLETS CREATION DURING FUEL ATOMIZATION BENIUGA MARIUS, IOAN MIHAI	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" DOI: 10.1117/12.2243005, 2016
16.	STUDY ON LENGTH OF THE UNDISTURBED LIQUID JET IN THE ATOMIZATION PROCESE MARIUS BENIUGA, IOAN MIHAI	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2015
17.	CORRELATION MODELS FOR PULVERIZED FUEL JET ANGLE TO INTERNAL COMBUSTION ENGINES MARIUS BENIUGA, IOAN MIHAI	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2015
18.	FRICION COEFFICIENT INFLUENCE UPON FLUID JET ATOMIZATION – MARIUS BENIUGA, IOAN MIHAI, SUCIU CORNEL, SILVIU SPRINCEANĂ	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" DOI: 10.1117/12.2070430, 2014
19.	ATOMIZATION OF LIQUID DROPLETS IN MULTIPOINT INJECTION – MARIUS BENIUGA, IOAN MIHAI, SUCIU CORNEL, SILVIU SPRINCEANĂ	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" DOI: 10.1117/12.2070428, 2014

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