

## LISTA LUCRĂRILOR PUBLICATE ÎN DOMENIU

Nr. crt.	Titlul lucrării si autorii	Publicația / Conferința (Journal / Proceedings) DOI: Digital Object Identifier	
	<u>CERCETĂRI PRIVIND ATOMIZAREA COMBUSTIBILULUI LA SISTEMELE DE INJECTIE MULTIPUNCT</u> <b>BENIUGA Marius Constantin</b>	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 <b>BENIUGA Marius Constantin</b>	Proiect de cercetare postdoctorală - SUCEAVA, Universitatea „Ștefan Cel Mare” din Suceava FIMAR	
1.	<u>VARIATION OF THE SAUTER MEAN DIAMETER DEPENDING ON AIR SPEED AT INJECTION IN SIE</u> <b>BENIUGA Marius Constantin. MIHAI Ioan</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 27.09.2022
2.	<u>ATOMIZATION OF FUEL DURING OPERATION OF SIE ENGINES AT LOW TEMPERATURES</u> <b>BENIUGA Marius Constantin</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 27.09.2022
3.	<u>Distribution of droplets in an atomized combustible jet depending on the surface of the atomized jet of fuel</u> <b>Marius Beniuga</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies X, 1171812 (31 December 2020); doi: 10.1117/12.2571159
4.	<u>The modification of vaporization times and the evolution analyze of diameters of fuel drops depending about gaseous ambient temperature</u> <b>Beniuga Marius, Mihai Ioan, Cozmin-Ioan Rusu-Manolache</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies X, 1171813 (31 December 2020); doi: 10.1117/12.2571160
5.	<u>Study heat transfer liquid droplets injected into non-isothermal and isothermal jets case</u> <b>Marius Beniuga, Ioan Mihai</b>	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2017
6.	<u>Analysis atomized gasoline jets with different pressure on different times injection</u> <b>Marius Beniuga, Ioan Mihai</b>	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2017
7.	<u>Influence of spray nozzle shape upon atomization process</u> <b>Marius Beniuga, Ioan Mihai</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 2016 DOI: 10.1117/12.2243130
8.	<u>Studies concerning the effect of large droplets creation during fuel atomization</u> <b>Marius Beniuga, Ioan Mihai</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 2016 DOI: 10.1117/12.2243005
9.	<u>Study on length of the undisturbed liquid jet in the atomization procese</u> <b>Marius Beniuga, Ioan Mihai</b>	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2015
10.	<u>Correlation models for pulverized fuel jet angle to internal combustion engines</u> <b>Marius Beniuga, Ioan Mihai</b>	J	Journal „TEHNOMUS - New Technologies and Products in Machines Manufacturing Technologies” 2015
11.	<u>Friction coefficient influence upon fluid jet atomization</u> – <b>Marius Beniuga, Ioan Mihai, Suci Cornel, Silviu Sprinceană</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 2014 DOI: 10.1117/12.2070430
12.	<u>Atomization of liquid droplets in multipoint injection</u> – <b>Marius Beniuga, Ioan Mihai, Suci Cornel, Silviu Sprinceană</b>	P	International Conference "Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies" 2014 DOI: 10.1117/12.2070428

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