

RAP_ProfesorCriterii

Facultatea de Design de produs și mediu

DEPARTAMENTUL DESIGN DE PRODUS, MECATRONIC SI MEDIU

SAULESCU RADU GABRIEL

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
NU					363.94
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		Citări recunoscute de comisia CNATDCU de specialitate			2.0000
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		Articole publicate în reviste BDI recunoscute de comisiile CNATDCU de specialitate			35.0000
				titlu:Structural and Kinematic Features of a 2 DOF Speed Increaser for Renewable Energy Systems JurnalBDI:Applied Mechanics and Materials link:doi:10.4028/www.scientific.net/AMM.823.367	
				[NrAutori]=[3]	10.0000
				titlu:Comparative Analysis of Two Wind Turbines with Planetary Speed Increaser in Steady-State JurnalBDI:Applied Mechanics and Materials link:doi:10.4028/www.scientific.net/AMM.823.355	
				[NrAutori]=[4]	7.5000
				titlu:Kinematic and Dynamic Analysis of a 4DOF Parallel Robot with Flexible Links JurnalBDI:Mechanisms and Machine Science link:http://link.springer.com/chapter/10.1007%2F978-3-319-45450-4_48	
				[NrAutori]=[3]	10.0000
				titlu:Novel Speed Increaser used in Counter-Rotating Wind Turbines JurnalBDI:Mechanisms and Machine Science link:http://link.springer.com/chapter/10.1007/978-3-319-45450-4_15	
				[NrAutori]=[4]	7.5000
		Articole publicate in reviste românești recunoscute de CNCIS-categoria B+, dar nu mai mult de punctajul echivalent al unui articol pe an (max. 30 puncte cumulativ)			10.0000
				BULLETIN OF THE TRANSILVANIA UNIVERSITY OF BRASOV - SERIES I: ENGINEERING SCIENCES;2065-2119,2065-2127(CD)	
				titlu:Kinematic and Static Modelling of the Adjustable-Blade Mechanism Used in Kaplan Turbines	
				[NrAutori]=[3]	10.0000
		Brevete naționale (OSIM) / produse noi cu drept de proprietate intelectuală, inclusiv creatii de artă, literatură, muzică etc			10.8000
				titlu:„Mecanism de orientare monoaxială cu două actuatoare liniare”	
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				titlu:„Mecanism de orientare articulată cu roți dințate”	
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		Lucrări științifice publicate în volumele conferințelor internaționale indexate ISI			26.6666
				titlu:Improving the energy performance of wind turbines implemented in the built environment using counter-rotating planetary transmissions link: http://www.mec.tuiasi.ro/ro/acme2016/index.html	
				[NrAutori]=[3]	13.3333
				titlu:Contact point of bush – sprocket tooth depending on pitch differences of bush chain transmissions link: http://www.mec.tuiasi.ro/ro/acme2016/index.html	
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		Lucrări științifice publicate în volumele unor conferințe internaționale indexate în BDI recunoscute de comisiile CNATDCU de specialitate			7.5000
				titlu:Performance analysis of a novel planetary speed increaser used in single-rotor wind turbines with counter-rotating electric generator link: http://iopscience.iop.org/article/10.1088/1757-899X/147/1/011001	
				[NrAutori]=[4]	7.5000
		Lucrări științifice publicate în volumele unor conferințe internaționale, cu comitet de recenzori, dar nu mai mult de punctajul echivalent al unui articol/an (15 puncte)			5.0000
				titlu:Hybrid system for a stand-alone application link: http://icpraem.com/	
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	B				7.4500
		Suport nou de curs, publicat în reprografie sau editură, inclusiv în format electronic			7.4500
				titlu:Mecanisme - suport de curs Elemente de teorie aplicată Editura:Editura Universitatii Transilvania din Brasov	
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Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
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				RENEWABLE & SUSTAINABLE ENERGY REVIEWS	
				RCV:Renewable and Sustainable Energy Reviews titlu:An overview of research and energy evolution for small hydropower in Europe PubliCitata:Conceptual design of a chain speed increaser for small hydropower stations link:http://dx.doi.org/10.1016/j.rser.2016.11.013	
				[NrAutori]=[4]	41.2225
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				RCV:IOP Conf. Series: Materials Science and Engineering 147 titlu:Step tracking program for concentrator solar collectors PublCitata:Virtual Prototyping of a New Tracking System link: http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012149/meta	
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				SOLAR ENERGY	
				RCV:SOLAR ENERGY Volume: 135 titlu:Review and analysis of solar thermal facades PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: http://www.sciencedirect.com/science/article/pii/S0038092X16301852	
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				MEASUREMENT	
				RCV:MEASUREMENT Volume: 88 titlu:Thermal power measurement of the novel evacuated tube solar collector and conventional solar collector during simultaneous operation PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: http://www.sciencedirect.com/science/article/pii/S026322411630032X	
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				APPLIED ENERGY	
				RCV:APPLIED ENERGY Volume: 168 titlu:Characteristic study of a novel compact Solar Thermal Facade (STF) with internally extruded pin-fin flow channel for building integration PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: http://www.sciencedirect.com/science/article/pii/S0306261916300010	
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				INVERSE PROBLEMS IN SCIENCE AND ENGINEERING	
				RCV:Inverse Problems in Science and Engineering titlu:Application of artificial bee colony algorithm for inverse modelling of a solar collector PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: http://www.tandfonline.com/doi/abs/10.1080/17415977.2016.1209748	

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				RCV:Energy Conversion and Management Volume 126 titlu:Analysis of utilizing Graphene nanoplatelets to enhance thermal performance of flat plate solar collectors PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: http://www.sciencedirect.com/science/article/pii/S0196890416306392	
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				RCV:International Energy Journal, 16, 151-156, 2016 titlu:Experimental analysis of double glazed flat plate solar water heater with various absorber plate geometries PubliCitata:Design and experimental optimization of a novel flat plate solar thermal collector with trapezoidal shape for facades inte	
				RCV:International Energy Journal, 16, 151-156, 2016 titlu:Experimental analysis of double glazed flat plate solar water heater with various absorber plate geometries PubliCitata:Design and experimental optimization of a novel flat plate solar thermal collector with trapezoidal shape for facades integration, Applied Thermal Engineering, 90, 432-443, 2015 link: http://www.rericjournal.ait.ac.th/index	
				[NrAutori]=[7]	1.4285
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				RCV:International Journal of Power and Energy Systems titlu:MODELLING AND SIMULATION OF HYDROPOWER PLANT USING PSO-TUNED CONTROLLER PubliCitata:Dynamic model of a small hydropower plant link: http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=7333431975628680811&as_sdt=5&as_ylo=2016&as_yhi=2016	
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				RCV:Journal of Donghua University titlu:Generation principle of helix tooth profile in hypocycloid pinwheel transmission and its contact characteristics PubliCitata:On a new cycloidal planetary gear used to fit mechatronic systems of RES link: https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&cite=2-s2.0-52949152748&src=s&imp=t&sid=4FDA179A8CBC9FC9BAE5E1C72EADE2CA.wsnAw8kc	

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
				[NrAutori]=[6]	1.6666
		Contracte obtinute/derulate prin competitii nationale			10.0000
				titluProiect:Sistem inovativ integrat materiale-Tehnologie - Echipament pentru procese simultane de fotocataliza si adsorbție aplicate in epurarea sustenabila a apelor uzate SimFotoAd	
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				titluProiect:Imbunatatirea performantelor functionale ale dulapurilor Multiflex	
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Semnatura: