

# 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
<b>NU</b>					<b>318.43</b>
	<b>C</b>				<b>1.2500</b>
		Citări recunoscute de comisia CNATDCU de specialitate			<b>1.2500</b>
				RCV:Nearly Zero Energy Communities titlu:Deployable Mobile Units Concepts for Photovoltaic and Solar Thermal Arrays PublCitata:Four-bar linkages with linear actuators used for solar trackers with large angular diurnal strokes link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26</a>	
				[NrAutori]=[4]	<b>1.2500</b>
<b>DA</b>					<b>318.43</b>
	<b>A</b>				<b>89.1666</b>
		Articole publicate în reviste BDI recunoscute de comisiile CNATDCU de specialitate			<b>10.0000</b>
				titlu:Influence of profile angle on forces distribution on silent chain transmissions JurnalBDI:Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume XXVI, (XVI) Oradea, 2017, ISSN 1583-0691(e) link: <a href="http://www.imtuoradea.ro/auo.fmte/files-2017-v1/Lenard%20JURJ,%20Radu%20VELICU,%20Radu%20SAULESCU-INFLUENCE%20OF%20PROFILE%20ANGLE%20ON%20FORCES%20DISTRIBUTION%2">http://www.imtuoradea.ro/auo.fmte/files-2017-v1/Lenard%20JURJ,%20Radu%20VELICU,%20Radu%20SAULESCU-INFLUENCE%20OF%20PROFILE%20ANGLE%20ON%20FORCES%20DISTRIBUTION%2</a>	
				[NrAutori]=[3]	<b>10.0000</b>

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
		Indexarea ISI proceedings a unui articol raportat în ultimii doi ani ca BDI sau în volum al conferinței cu comitet de recenzori, datorită indexării cu întârziere			<b>8.3333</b>
				titlu:Performance Analysis of a Novel Planetary Speed Inceaser used in Single-Rotor Wind Turbines with Counter-Rotating Electric Generator link:http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=3&mp;SID=C2HhUErN8WWrdkET4S9&page=1&doc=8	
				[NrAutori]=[4]	2.5000
				titlu:Novel Speed Inceaser used in Counter-Rotating Wind Turbines link:http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=F13BVZhUc7vTsgrgDkE&page=1&doc=1	
				[NrAutori]=[4]	2.5000
				titlu:Kinematic and Dynamic Analysis of a 4DOF Parallel Robot with Flexible Links link:http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=5&SID=F13BVZhUc7vTsgrgDkE&page=1&doc=1	
				[NrAutori]=[3]	3.3333
		Lucrări științifice publicate în volumele conferințelor internaționale indexate ISI			<b>13.3333</b>
				titlu:Geometric modelling of the contact point between the bushing and sprocket in chain drives link:http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=3&mp;SID=C2HhUErN8WWrdkET4S9&page=1&doc=5	
				[NrAutori]=[3]	13.3333
		Lucrări științifice publicate în volumele unor conferințe internaționale indexate in BDI recunoscute de comisiile CNATDCU de specialitate			<b>7.5000</b>
				titlu:PV-Wind Hybrid System for the Energy Supply of an Off Grid Application link:http://www.unitbv.ro/cse/Home.aspx	
				[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)			<b>5.0000</b>
				titlu:Modelling of the Static Response of a Wind / Hydro Turbine with Two Rotors and a 1DOF Speed Inceaser link:http://www.mec.tuiasi.ro/syrom2017/files/SYROM_2017_ProgramOutline.pdf	
				[NrAutori]=[3]	5.0000

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
		Rezumat de brevet publicat in Buletinul Oficial de Proprietate Industriala			<b>15.0000</b>
				titlu:„Amplificator de turatie planetar monomobil cu doua iesiri contrarotative”	5.0000
				titlu:„Mecanism de orientare monoaxiala de inalta precizie”	5.0000
				titlu:„Amplificator de turatie diferentia cu doua iesiri contrarotative”	5.0000
		Rezumat de brevet publicat în publicații oficiale internaționale în domeniul brevetelor			<b>30.0000</b>
				titlu:"MONO-MOBILE PLANETARY SPEED-AMPLIFIER WITH TWO COUNTER-ROTATING OUTPUTS"	10.0000
				titlu:"HIGHLY ACCURATE UNIAXIAL ORIENTATION MECHANISM"	10.0000
				titlu:"DIFFERENTIAL SPEED AMPLIFIER WITH TWO COUNTER-ROTATING OUTPUTS"	10.0000
	<b>C</b>				<b>228.0107</b>
		Citări recunoscute de comisia CNATDCU de specialitate			<b>100.8996</b>
				APPLIED THERMAL ENGINEERING	
				RCV:Applied thermal engineering titlu:Performance evaluation of a novel flat-plate solar air collector with micro-heat pipe arrays (MHPA) PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85014402211&amp;origin=resultslist&amp;sort=plf&amp;cite=2-s2">https://www.scopus.com/record/display.uri?eid=2-s2.0-85014402211&amp;origin=resultslist&amp;sort=plf&amp;cite=2-s2</a>	
				[NrAutori]=[7]	13.9600
				SOLAR ENERGY	
				RCV:Solar energy titlu:Optimal passage size for solar collector microchannel and tube-on-plate absorbers PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85020853782&amp;origin=resultslist&amp;sort=plf&amp;cite=2-s2.0-84938327671&amp;src=s&amp;nlo=">https://www.scopus.com/record/display.uri?eid=2-s2.0-85020853782&amp;origin=resultslist&amp;sort=plf&amp;cite=2-s2.0-84938327671&amp;src=s&amp;nlo=</a>	
				[NrAutori]=[7]	13.0714

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
				RCV:Materials Science and Engineering titlu:Experimental study on guide friction contribution in global power loss of a tooth chain transmission PublCitata:Bearing Friction vs. Chain Friction for Chain Drives link:http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012051	
				RCV:Materials Science and Engineering titlu:Experimental study on guide friction contribution in global power loss of a tooth chain transmission PublCitata:Bearing Friction vs. Chain Friction for Chain Drives link:http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012051	
				[NrAutori]=[4]	1.2500
				RCV:International Journal of Advanced Biotechnology and Research titlu:A new method in Design and Construction of a Solar Heater PublCitata:Design and experimental optimization of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link:https://bipublication.com	
				RCV:International Journal of Advanced Biotechnology and Research titlu:A new method in Design and Construction of a Solar Heater PublCitata:Design and experimental optimization of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link:https://bipublication.com/files/ijabr201605101_Ali.pdf	
				[NrAutori]=[7]	0.7142
				RCV:SPRINGER titlu:A New Approach on the Protection Against Overheating of Flat Plate Solar-Thermal Collectors PublCitata: The Role of Mechanisms in Sustainable Energy Systems link:https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21	
				RCV:SPRINGER titlu:A New Approach on the Protection Against Overheating of Flat Plate Solar-Thermal Collectors PublCitata: The Role of Mechanisms in Sustainable Energy Systems link:https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21	
				[NrAutori]=[9]	0.5555
				RCV:Jour of Adv Research in Dynamical & Control Systems titlu:Single Axis Active Solar Tracker for Parabolic Trough Concentrator Evaluated through Solar Dial Target Board PublCitata: Low-Speed Actuator Used in Solar Tracking Systems link:http://jardcs.org/papers/v9/sp/3154.pdf	
				RCV:Jour of Adv Research in Dynamical & Control Systems titlu:Single Axis Active Solar Tracker for Parabolic Trough Concentrator Evaluated through Solar Dial Target Board PublCitata: Low-Speed Actuator Used in Solar Tracking Systems link:http://jardcs.org/papers/v9/sp/3154.pdf	
				[NrAutori]=[4]	1.2500
				RCV: Materials Science and Engineering titlu:Experimental study on guide friction contribution in global power loss of a tooth chain transmission PublCitata:Bearing friction vs. chain friction for chain drives link:http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012051/pdf	

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				RCV: Materials Science and Engineering titlu:Experimental study on guide friction contribution in global power loss of a tooth chain transmission PublCitata:Bearing friction vs. chain friction for chain drives link: <a href="http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012051/pdf">http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012051/pdf</a>	
				[NrAutori]=[4]	1.2500
				RCV:Nearly Zero Energy Communities titlu:Deployable Mobile Units Concepts for Photovoltaic and Solar Thermal Arrays PublCitata:Four-bar linkages with linear actuators used for solar trackers with large angular diurnal strokes link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26</a>	
				RCV:Nearly Zero Energy Communities titlu:Deployable Mobile Units Concepts for Photovoltaic and Solar Thermal Arrays PublCitata:Four-bar linkages with linear actuators used for solar trackers with large angular diurnal strokes link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_26</a>	
				[NrAutori]=[4]	1.2500
				RCV:Fiabilitate si Durabilitate - Fiability & Durability titlu:THE INFLUENCE OF THE CONSTRUCTIVE PARAMETERS ON THE VIBRATION INHERENT FREQUENCIES AT BENDING FROM TWOSHAFTS TRANSMISSION PublCitata:Cardan shafting link: <a href="http://www.utgjiu.ro/rev_mec/mecanica/pdf/2017-01/04_Ion%20BULAC%20-%20THE%20IN">http://www.utgjiu.ro/rev_mec/mecanica/pdf/2017-01/04_Ion%20BULAC%20-%20THE%20IN</a>	
				RCV:Fiabilitate si Durabilitate - Fiability & Durability titlu:THE INFLUENCE OF THE CONSTRUCTIVE PARAMETERS ON THE VIBRATION INHERENT FREQUENCIES AT BENDING FROM TWOSHAFTS TRANSMISSION PublCitata:Cardan shafting link: <a href="http://www.utgjiu.ro/rev_mec/mecanica/pdf/2017-01/04_Ion%20BULAC%20-%20THE%20INFLUENCE%20OF%20THE%20CONSTRUCTIVE%20PARAMETERS%20ON%20THE%20VIBRATION%20INHERENT%20FREQUENCIES%20">http://www.utgjiu.ro/rev_mec/mecanica/pdf/2017-01/04_Ion%20BULAC%20-%20THE%20INFLUENCE%20OF%20THE%20CONSTRUCTIVE%20PARAMETERS%20ON%20THE%20VIBRATION%20INHERENT%20FREQUENCIES%20</a>	
				[NrAutori]=[5]	1.0000
				RCV: Nearly Zero Energy Communities titlu:A New Approach on the Protection Against Overheating of Flat Plate Solar-Thermal Collectors PublCitata:The role of mechanisms in sustainable energy systems link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21</a>	
				RCV: Nearly Zero Energy Communities titlu:A New Approach on the Protection Against Overheating of Flat Plate Solar-Thermal Collectors PublCitata:The role of mechanisms in sustainable energy systems link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_21</a>	
				[NrAutori]=[9]	0.5550
				Environmental Engineering and Management Journal	

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
				RCV: titlu:EXPERIMENTAL INVESTIGATION AND COMPUTATIONAL FLUID DYNAMICS (CFD) ANALYSIS OF AN ECO-FRIENDLY TURBINE PubliCitata:The eco-impact of small hydro implementation link:https://intranet.unitbv.ro/Portals/0/UserFiles/User1094/Google_Academic_Jaliu_The_eco-impact_of_small_hydro_implementation._1_citare.pdf	
				[NrAutori]=[4]	5.0250
				RCV:Materials Science and Engineering titlu:Optimizing the way kinematical feed chains with great distance between slides are chosen for CNC machine tools PubliCitata: Products conceptual design link:	
				RCV:Materials Science and Engineering titlu:Optimizing the way kinematical feed chains with great distance between slides are chosen for CNC machine tools PubliCitata: Products conceptual design link:	
				[NrAutori]=[4]	1.2500
				RCV:High Torque Density Cycloid Electrical Machine for Robotic titlu:High Torque Density Cycloid Electric Machines for Robotic Application PubliCitata:On a new cycloidal planetary gear used to fit mechatronic systems of RES link:https://scholar.google.ro/scholar?as_ylo=2017&hl=ro&as_sdt=0,5	
				RCV:High Torque Density Cycloid Electrical Machine for Robotic titlu:High Torque Density Cycloid Electric Machines for Robotic Application PubliCitata:On a new cycloidal planetary gear used to fit mechatronic systems of RES link:https://scholar.google.ro/scholar?as_ylo=2017&hl=ro&as_sdt=0,5&sciodt=0,5&mp;cites=1393854911687779904&scipsc=	
				[NrAutori]=[6]	0.8330
				RCV: 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:https://www.sciencedirect.com/science/article/pii/S1364032116307936	
				RCV: 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:https://www.sciencedirect.com/science/article/pii/S1364032116307936	
				[NrAutori]=[4]	1.2500
				RENEWABLE & SUSTAINABLE ENERGY REVIEWS	
				RCV: titlu:An overview of research and energy evolution for small hydropower in Europe PubliCitata:Conceptual design of a chain speed increaser link:https://www.sciencedirect.com/science/article/pii/S1364032116307936	
				[NrAutori]=[4]	44.8275

Validat	Tip Criteriu	Denumire Criteriu	Denumire Lista	Descriere/Formula	Punctaj
				RCV: Nearly Zero Energy Communities titlu:Renewable Energy Systems for a Multi-family Building Community PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_10">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_10</a>	
				[NrAutori]=[7]	0.7140
				BULLETIN OF MATERIALS SCIENCE	
				RCV: Volume: 40 Issue: 3 Pages: 473-482 titlu:SiO2/TiO2 multi-layered thin films with self-cleaning and enhanced optical properties PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=F3AB8saGKvHi1HtVICE&amp;search_mode=CitingArticles&amp;pr">http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=F3AB8saGKvHi1HtVICE&amp;search_mode=CitingArticles&amp;pr</a>	
				[NrAutori]=[7]	4.0385
				INVERSE PROBLEMS IN SCIENCE AND ENGINEERING	
				RCV:Volume: 25 Issue: 6 Pages: 887-908 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: <a href="http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=F3AB8saGKvHi1HtVICE&amp;search_mode=CitingArticles&amp;pr">http://apps.webofknowledge.com/Search.do?product=WOS&amp;SID=F3AB8saGKvHi1HtVICE&amp;search_mode=CitingArticles&amp;pr</a>	
				[NrAutori]=[7]	6.6771
				RCV:Proceedings of the 6th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2017), pages 266-273 ISBN: 978-989-758-241-7 titlu:Optimizing Energy Consumption of Hot Water System in Buildings with Solar Thermal Systems PublCitata:Design and experimental optimisation of a nov	
				RCV:Proceedings of the 6th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS 2017), pages 266-273 ISBN: 978-989-758-241-7 titlu:Optimizing Energy Consumption of Hot Water System in Buildings with Solar Thermal Systems PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://ww">https://ww</a>	
				[NrAutori]=[7]	0.7142
				RCV:Conference on Sustainable Energy, 2017 - Springer titlu:Renewable Energy Systems for a Multi-family Building Community PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://link.springer.com/chapt">https://link.springer.com/chapt</a>	

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				RCV:Conference on Sustainable Energy, 2017 - Springer titlu:Renewable Energy Systems for a Multi-family Building Community PublCitata:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration link: <a href="https://link.springer.com/chapter/10.1007/978-3-319-63215-5_10">https://link.springer.com/chapter/10.1007/978-3-319-63215-5_10</a>	
				[NrAutori]=[7]	0.7142
		Contracte obtinute/derulate prin competitii nationale			<b>27.1111</b>
				titluProiect:Creșterea competitivității SC ELDON SRL prin optimizarea tehnologiei de fabricație a dulapurilor industriale de podea	
				[VRON]=[12200]	27.1111
		Premii ale Academiei Române			<b>60.0000</b>
				titluProiect:Premiul "Constantin Budeanu"	
					60.0000
		Proiecte/contracte de cercetare/consultanță/servicii tehnice, tehnologice și culturale, încheiate direct cu entități din străinătate			<b>40.0000</b>
				titluProiect:Chain Drive Systems - Dynamic Tribology II	
				[VEUR]=[4000]	40.0000

**Semnatura:**

