

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 | | | | | 299.51 |
| | A | | | | 17.5000 |
| | | Articole publicate în reviste BDI recunoscute de comisiile CNATDCU de specialitate | | | 17.5000 |
| | | | | | |
| | | | | 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 |
| | C | | | | 2.8560 |
| | | Citări recunoscute de comisia CNATDCU de specialitate aferente perioadei de raportare | | | 2.8560 |
| | | | | | |
| | | | | titlu:Innovative Solutions for Solar Thermal Systems Implemented in Buildings 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/S1876610215029148 | |
| | | | | [NrAutori]=[7] | 1.4280 |
| | | | | | |
| | | | | 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 | |
| | | | | [NrAutori]=[7] | 1.4280 |

| Validat | Tip Criteriu | Denumire Criteriu | Denumire Lista | Descriere/Formula | Punctaj |
|---------|--------------|---|--|-----------------------|----------|
| DA | | | | | 299.51 |
| | A | | | | 139.0856 |
| | | Articole publicate în reviste recunoscute la nivel internațional, cotate ISI Web of Science sau Arts & Humanities | | | 85.5857 |
| | | | APPLIED THERMAL ENGINEERING | | |
| | | | titlu:Design and experimental optimisation of a novel flat plate solar thermal collector with trapezoidal shape for facades integration | | |
| | | | | [NrAutori]=[7] | 85.5857 |
| | | Brevete naționale (OSIM) / produse noi cu drept de proprietate intelectuală, inclusiv creații de artă, literatură, muzică etc | | | 7.8000 |
| | | | titlu:"Transmisie planetara" | | |
| | | | | [CP]=[0,13] | 7.8000 |
| | | Indexarea ISI proceedings a unui articol raportat în ultimii doi ani ca BDI datorita indexarii cu întârziere. | | | 6.6666 |
| | | | titlu:Kinematic modelling and VR simulation of a 3DOF medical parallel robot with one decoupled motion link: http://modtech.ro/conference/abstracts.php | | |
| | | | | [NrAutori]=[3] | 3.3333 |
| | | | titlu:Dynamic Modelling of a 3DOF Medical Parallel Robot with One Decoupled Motion link: http://modtech.ro/conference/abstracts.php | | |
| | | | | [NrAutori]=[3] | 3.3333 |
| | | 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) | | | 12.5000 |
| | | | titlu:Comparative Analysis of Horizontal Small Scale Wind Turbines for a Specific Application link: http://elite.newhopetek.com.tw/IFTtoMM2015CD/PDF/OS16-005.pdf | | |
| | | | | [NrAutori]=[3] | 5.0000 |
| | | | titlu:Wind potential harnessing for an agricultural application link: http://eeae-conf.uni-ruse.bg/openconf.php | | |
| | | | | [NrAutori]=[2] | 7.5000 |
| | | Monografii, tratate originale, cărți de specialitate cu conținut original, capitole în volume colective, traduceri de carte, publicate la edituri naționale, recunoscute CNCSIS, inclusiv în format electronic. Se punctează doar cărțile și capitolele în volume colective cu un grad ridicat de noutate | | | 11.5333 |
| | | | EDITURA UNIVERSITATII TRANSILVANIA DIN BRASOV | | |
| | | | titlu:The Role of Mechanisms in Sustainable Energy Systems | | |
| | | | | [CP]=[1/9];[NP]=[346] | 11.5333 |

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|---------|--------------|---|----------------|--|----------|
| | | Rezumat de brevet publicat in Buletinul Oficial de Proprietate Industriala | | | 5.0000 |
| | | | | titlu:„Colector solar termic modular pentru optimizarea prin testare a eficientei conversiei și creșterea acceptanței arhitecturale” | |
| | | | | [CP]=[1] | 5.0000 |
| | | Rezumat de brevet publicat în publicații oficiale internaționale în domeniul brevetelor | | | 10.0000 |
| | | | | titlu:„Modular solar thermal collector for optimizing conversion efficiency by testing and increasing architectural acceptance” | |
| | | | | [CP]=[1] | 10.0000 |
| | C | | | | 140.0554 |
| | | Citări recunoscute de comisia CNATDCU de specialitate aferente perioadei de raportare | | | 48.8332 |
| | | | | titlu:Review and kinematics of Rzeppa-type homokinetic joints with straight crossed tracks PublCitata:Transmisii mecanice. cuplaje mobile cu bile de tip Weiss și Rzeppa link:http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=13287875068615316451 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | titlu:EHL film thickness and load dependent power loss of cycloid reducers PublCitata:On the efficiency of a cycloidal planetary reducer with a modified structure link:http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=7127985084890516235 | |
| | | | | [NrAutori]=[3] | 3.3333 |
| | | | | titlu:Performances Issues Analysis of an Innovative Low Concentrated Solar Panel for Energy Production in Buildings PublCitata:Energy Comparison of PV Systems with Mono-and Bi-axial Pseudo-equatorial Tracking Mechanisms link:http://www.sciencedirect.com/science/article/pii/S1876610215027046 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | titlu:Modeling and Optimization of the Global Solar Irradiance Collecting Efficiency PublCitata: New Linkage with Linear Actuator for Tracking PV Systems with Large Angular Stroke link:http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=R2Q9hHZpAnBdEhh4756&search_mode=CitingArticles&parentProduct=UA&parentQid=2&parentDoc=1&REFID=423578625&betterCount=2&e | |
| | | | | [NrAutori]=[5] | 2.0000 |

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|---------|--------------|-------------------|----------------|--|---------|
| | | | | titlu:Exceptional floods on a developed river: case study for the Bistrita River from the Eastern Carpathians (Romania) PublCitata:The eco-impact of small hydro implementation link:http://www.scopus.com/results/citedbyresults.uri?sort=plf-f&cite=2-s2.0-77956967104&src=s&nlo=&nlr=&nls=&imp=t&sid=1CB08DC1CDF300A8A0A20A6A1B3CE6F4.WI W7NKKC52nnQNxjqAQrIA%3a160&sot=cite& | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:ON THE MEASUREMENT PROCEDURE FOR TESTING FRICTION IN BEARING BOXES PublCitata:Bearing Friction vs. Chain Friction for Chain Drives link:https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=2643357435122829772 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Mechanisms for deployable stand-alone PV arrays PublCitata:Four-Bar Linkages with Linear Actuators Used for Solar Trackers with Large Angular Diurnal Strokes link:http://www.iftomm2015.tw/IFTToMM2015CD/PDF/OS16-010.pdf | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Optimising the Strokes and Loads of the Linear Actuators in a Two Degrees of Freedom Linkage Used in Solar Tracking Systems PublCitata:Four-Bar Linkages with Linear Actuators Used for Solar Trackers with Large Angular Diurnal Strokes link:http://www.iftomm2015.tw/IFTToMM2015CD/PDF/OS16-009.pdf | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Adaptive Stepwise Orientation Algorithm for Non-concentrated Dual-axis Solar Tracking Systems PublCitata:PV orientation data needed in the design of the pseudo-equatorial tracker's control program link:https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16137065162676599748 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Kinematic and Dynamic Simulation of a 3DOF Parallel Robot PublCitata:M Neagoe, N Cretescu, R Saulescu, Dynamic Modelling of a 3DOF Medical Parallel Robot with One Decoupled Motion link:http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=2335626071705974918 | |
| | | | | [NrAutori]=[3] | 3.3333 |
| | | | | | |
| | | | | titlu:Kinematic and Dynamic Simulation of a 3DOF Parallel Robot PublCitata:Cretescu, N., Neagoe, M., Saulescu, Kinematic Modelling and VR Simulation of a 3DOF Medical Parallel Robot with One Decoupled Motion link:http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=6053253277024066593 | |

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| | | | | [NrAutori]=[3] | 3.3333 |
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| | | | | titlu:Static Friction Coefficient into Cylindrical Joints Assemblies PublCitata:Geometric Modeling of Power Joints from Bush Chain Drives link:http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=03548996&AN=112172854&h=yvvZ44zFxBNergLk74uKF%2b717z1FgUIsv%2f4IT8aB7%2fJO3ra7Ouw%2bPDM6KZOBzKXbAqX0ff37WalkRs3NDdh3g%3d%3d&crl=f&resultLocal=ErrCrlNoResults&resultNs= | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Mechanisms in Building Integrated Renewable Energy Systems: Case Study—Solar Energy Conversion Systems PublCitata:On the steps' optimization of a pseudo-equatorially tracked PV panel link:https://scholar.google.ro/scholar?oi=bibs&hl=en&cites=5029022128718290294&as_sdt=5&as_ylo=2014&as_yhi=2014 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Mechanisms in Building Integrated Renewable Energy Systems: Case Study—Solar Energy Conversion Systems PublCitata:Novel orientation step-program of a pseudo-equatorially tracked PV panel link:https://scholar.google.ro/scholar?oi=bibs&hl=en&cites=5340643189447924693&as_sdt=5&as_ylo=2014&as_yhi=2014 | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Mechanisms in Building Integrated Renewable Energy Systems: Case Study—Solar Energy Conversion Systems PublCitata:The synthesis of a linkage with linear actuator for solar tracking with large angular stroke link:https://scholar.google.ro/scholar?oi=bibs&hl=en&cites=13039357067601593450&as_sdt=5&as_ylo=2014&as_yhi=2014 | |
| | | | | [NrAutori]=[5] | 2.0000 |
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| | | | | titlu:Design and Prototyping of a Cost-Effective Sun Tracking System for Photovoltaic Panels PublCitata:New linkage with linear actuator for tracking PV systems with large angular stroke link:https://scholar.google.ro/scholar?oi=bibs&hl=en&cites=12625387586477255467&as_sdt=5&as_ylo=2014&as_yhi=2014 | |
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| | | | | titlu:Mechanisms in Building Integrated Renewable Energy Systems: Case Study—Solar Energy Conversion Systems PublCitata:New linkage with linear actuator for tracking PV systems with large angular stroke link: https://scholar.google.ro/scholar?oi=bibs&hl=en&cites=12625387586477255467&as_sdt=5&as_ylo=2014&as_yhi=2014 | |
| | | | | [NrAutori]=[5] | 2.0000 |
| | | | | | |
| | | | | titlu:Todi-Eftimie, A.; Bobancu, S.; Gavrilă, C.; Eftimie, L.Static Friction Coefficient into Cylindrical Joints Assemblies. Tribology in Industry. 2015, Vol. 37 Issue 4, p421-426 PublCitata:Todi-Eftimie A.L, Velicu R., Saulescu R., Jaliu C. Geometric modelling of power joints from bush chain drives", Revista: Mechanisms and Machine Science ISSN: 2211-0984 pp. 471-479, 2014 - Springer link: http:// | |
| | | | | [NrAutori]=[4] | 2.5000 |
| | | | | | |
| | | | | titlu:Static Friction Coefficient into Cylindrical Joints Assemblies PublCitata:Solutions to optimize transmission chains characteristics link: http://www.tribology.fink.rs/journals/2015/2015-4/4.pdf | |
| | | | | [NrAutori]=[3] | 3.3333 |
| | | Contracte obtinute/derulate prin competitii nationale | | | 32.2222 |
| | | | | | |
| | | | | titluProiect:Sisteme solar termice eficiente cu acceptanta ridicata pentru implementare in mediul urban (EST IN URBA) | |
| | | | | [VRON]=[10000] | 22.2222 |
| | | | | | |
| | | | | titluProiect:Sistem inovativ integrat materiale-Tehnologie - Echipament pentru procese simultane de fotocataliza si adsorbtie aplicate in epurarea sustenabila a apelor uzate SimFotoAd | |
| | | | | [VRON]=[4500] | 10.0000 |
| | | Inițiativa în atragerea de fonduri de cercetare prin proiecte depuse în competiții de granturi, dacă propunerea de proiect a obținut minimum 75% din punctajul maxim posibil al competiției sau inițiativa de acreditare/reacreditare laboratoare RENAR | | | 20.0000 |
| | | | | | |
| | | | | titluProiect:Valorificarea potențialului eolian specific din mediul construit prin selectarea și amplasarea optimă a turbinelor eoliene de mică putere - PN-II-RU-TE-2014-4-1347 | |
| | | | | [CP]=[1] | 20.0000 |

| Validat | Tip Criteriu | Denumire Criteriu | Denumire Lista | Descriere/Formula | Punctaj |
|---------|--------------|--|---|-------------------|---------|
| | | Proiecte/contracte de cercetare/consultanță/servicii tehnice, tehnologice si culturale, încheiate direct cu entități din strainatate | | | 39.0000 |
| | | | | | |
| | | | titluProiect:Chain Drive Systems - Dynamic Tribology II | | |
| | | | | [VEUR]=[2300] | 23.0000 |
| | | | | | |
| | | | titluProiect:Chain Drive Systems - Dynamic Tribology (Sisteme de transmisii prin lant - Studiul tribologic in regim de functionare dinamic) | | |
| | | | | [VEUR]=[1600] | 16.0000 |

Semnatura:

