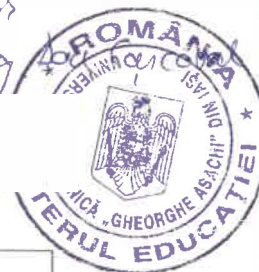


Fisa de indeplinire a standardelor minimale

Adrian-Iulian BREZULIANU

Anişal, 1
Rector
Prof. univ. dr. ing.



Conditii minimale		
Tip activitate	Realizat	Minim
A1 – Activitate didactica	140.84	100
A2 – Activitate cercetare	957.06	600
A3 – Recunoastere impact	350.04	150
TOTAL (A)	1447.94	850

Conditii minimale obligatorii pe subcategorii		
	Realizat	Minim
A 1.1.1 – A1.1.2. – Carti specialitate	5	1
A 2.1 – Articole cotate ISI	23	15
A 2.4.1 - Granturi (Director/Responsabil de proiect)	5	2
A 3.1.1. – Numar de citari reviste ISI	136	25
Factor de impact cumulat publicatii ISI (suma factorilor de impact)	50.05	10

Structura activității candidatului								
Nr. crt	Domeniul activităților	Categorii si restricții		Subcategorii		Indicatori (k _p)	Punctaj	TOTAL
	1	2		3		4		
1	Activitatea didactică profesională (A1)	Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN	Cărți / monografii	A1.1.1	internațional	50 / nr. de autori sau 100 / nr. autori cu condiția 2	6.25	140.84
				A1.1.2	național	50 / nr. de autori	114.59	
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		40 / nr. de autori	20.00	
2	Activitatea de cercetare (AP)	Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI		A2.1		(25+ 30 • factor impact [31]) / nr. de autori	609.55	957,06
		Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI) [4]		A2.2		20 / nr. de autori	69.51	
		Proprietate intelectuală, brevete de invenție, certificate ORDA		A2.3.1	Internaționale [5]	35 / nr. de autori	140.00	
				A2.3.2	Naționale (OSIM)	25 / nr. de autori		
		Granturi / proiecte de cercetare câștigate prin competiție [6] Contracte agenți economici în valoare de minim 10.000 dolari S.U.A. echivalent încasați [3]	Director / responsabil partener	A2.4.1.	internaționale	20 * ani de desfășurare		
				A2.4.1.2	naționale	10 * ani de desfășurare	130.00	
			Membru în echipă	A2.4.2.1	internaționale	4 * ani de desfășurare		
				A-2.4.2.2	naționale	2 * ani de desfășurare	8.00	
3	Recunoașterea și impactul activității (A3)	Citări [7] în cărți, reviste și volume ale unor manifestări științifice		A3.1.1	Cărți, ISI [8]	8 / nr aut art. citat	280.69	350.04
				A3.1.2	BDI [1]	4 / nr. aut. art. citat	59.35	
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate (ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9])	Punctaj unic pentru fiecare activitate	A3.2		10	10.00	

Criteriul A1.1.1.

Cărți de autor sau capitole[1] de specialitate in edituri cu ISBN / international		
Nr.	Capitole de carte cu ISBN / edituri internationale	Punctaj
1	H.N. Teodorescu, A. Brezulianu – General analysis of fuzzy-controlled phase-locked loop, Fuzzy Control Systems, Editors A.Kandel, G.Langholz, CRC Press, 1993, ISBN 0-8493-4496-4, pp.563-578, pag.15	50/2/4 = 6.25 pct
	TOTAL	6.25

Criteriul A1.1.2.

Cărți de autor sau capitole[1] de specialitate in edituri cu ISBN / national		
Nr.	Capitol carte cu ISBN / edituri nationale	Punctaj
1	H.N. Teodorescu, A. Brezulianu - Chapter 2.2: Fuzzy Control of Analog PLL's - Fuzzy Systems in Economics and Engineering, Editors: Al.P.Tacu, Jaime G.Aluja, H.N.Teodorescu, Romanian Academy Publishing House, București, 1994, ISBN 973-27-0469-1, pp. 206-217, pag. 12.	50/2/4 = 6.25 pct
	TOTAL Capitol carte ISBN national	6.25
Nr.	Carte cu ISBN / edituri nationale	Punctaj
1	A. Brezulianu – Sisteme fuzzy și aplicații, Editura Tehnici și Tehnologii, 2002, Iași, ISBN 0-973-97737-1-0, pp. 1-247.	50/1 = 50 pct
2	A.Brezulianu, M.Fira – Procesarea semnalelor biomedicale si aplicatii, Editura Politehniun, Iasi, 2010, ISBN: 978-973-621-308-3, pp 1-244	50/2 = 25 pct
3	A. Brezulianu, E. Mihăilescu, A. Toderiță - Rețele de calculatoare si aplicații, Editura Politehniun, ISBN 978-	50/3 = 16.67 pct

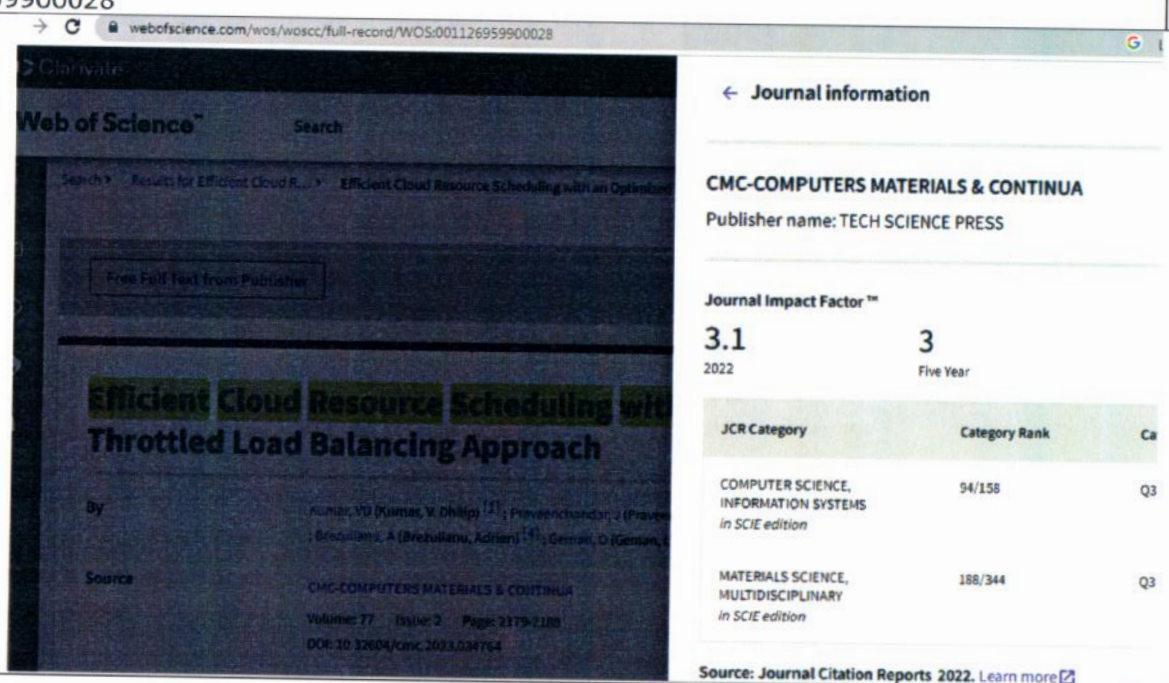
	973-621-309-0, 2010, Iași, 410 pag.	
4	A. Brezulianu, E. Mihailescu, D.Pintilie – Retele de calculatoare si aplicatii (indrumar laborator), Editura Politehniun, 2013, Iasi, ISBN: 978-973-621-391-4, 259 pag.	50/3 = 16.67 pct
	TOTAL Carte ISBN national	108.34
	TOTAL	114.59

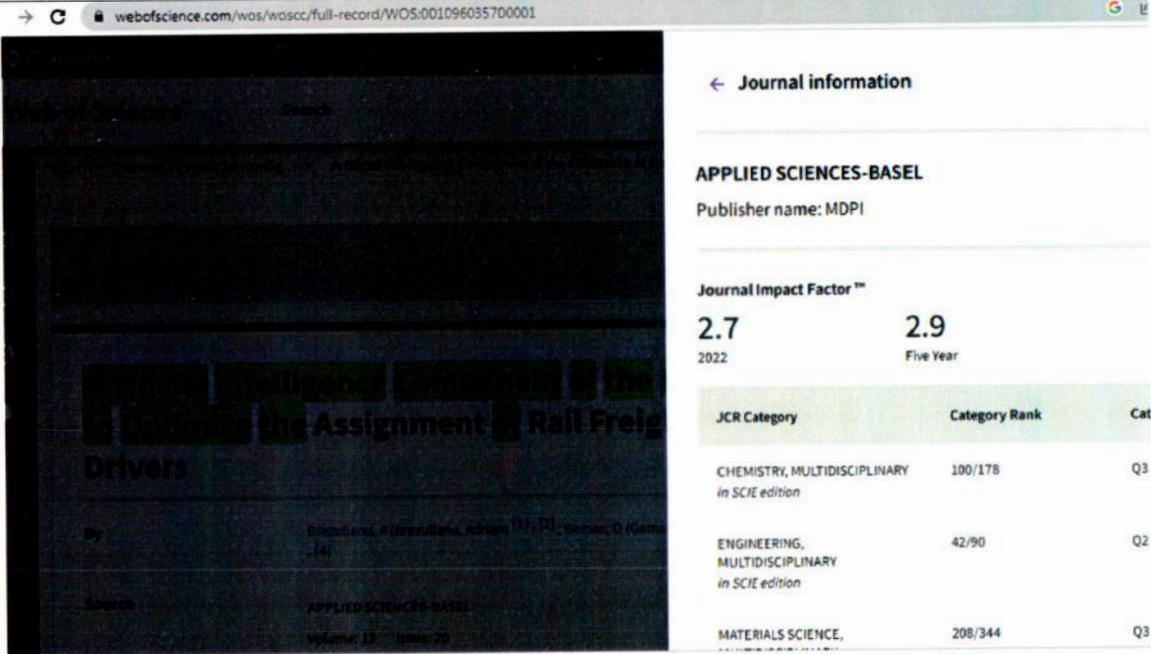
Criteriul A1.2.1.

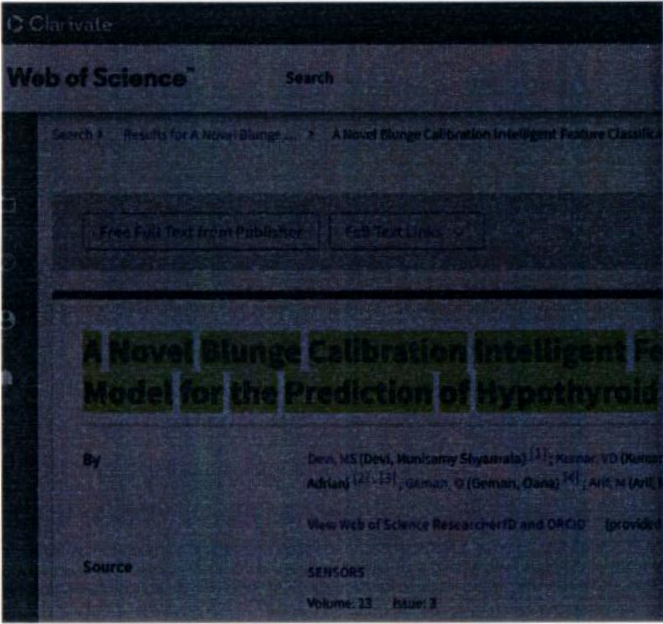
Manuale didactice		
Nr.	Material didactic / Lucrari didactice	Punctaj
1	H.N.Teodorescu, A.Brezulianu – Procesarea imaginilor și a semnalului vocal – proiectare și aplicații, Universitatea Tehnică "Gh. Asachi" Iași, 1996, 121 pp	40/2 = 20 pct
	TOTAL	20

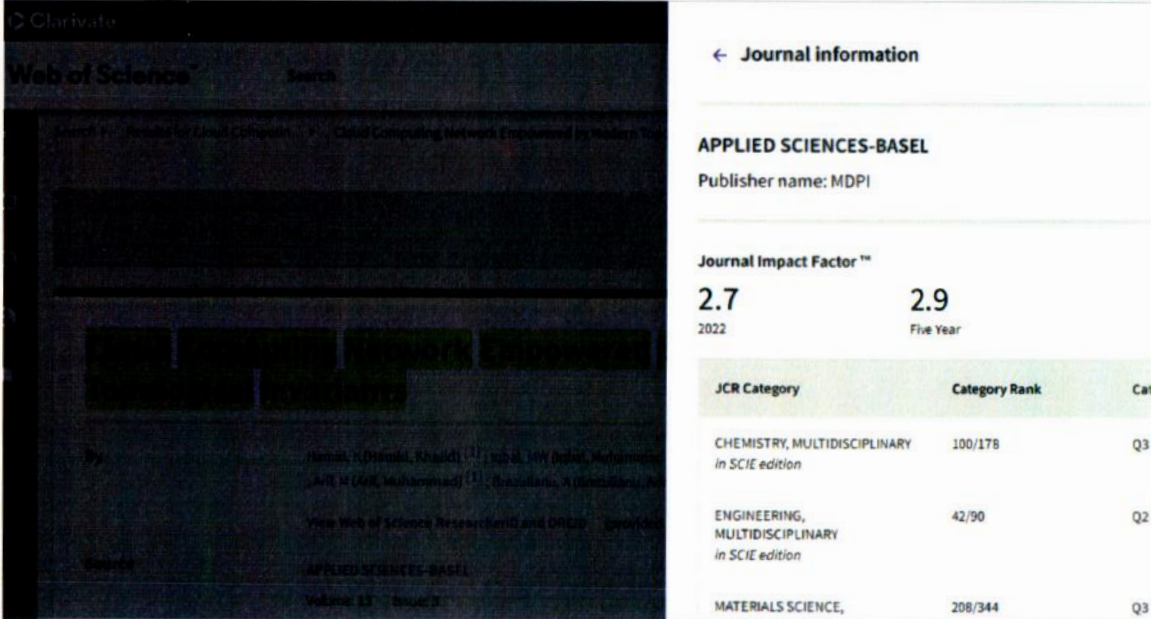
Total punctaj A1: 140.84 pct.

Criteriul A2.1.

Articole în reviste cotate ISI		
Nr.	Articol cotat ISI	Punctaj
1	VD Kumar, J. Praveenchandarm M. Arif, A. Brezulianu, O. Geman, A. Ikram (2023), "Efficient Cloud Resource Scheduling with an Optimized Throttled Load Balancing Approach", Computer, Materials & Continua 77 (2), 2023 https://cdn.techscience.cn/files/cmc/2023/TSP_CMC-77-2/TSP_CMC_34764/TSP_CMC_34764.pdf Impact factor: 3,1 WOS:001126959900028	$(25 + 30 * 3.1) / 6 = 19.67 \text{ pct}$
 The screenshot displays the Web of Science interface for the article "Efficient Cloud Resource Scheduling with an Optimized Throttled Load Balancing Approach" by Kumar, V.D. et al. (2023). The article is published in CMC-COMPUTERS MATERIALS & CONTINUA, Volume 77, Issue 2, Pages 2179-2188, with DOI 10.32604/cmc.2023.034764. The Journal Impact Factor for 2022 is 3.1. A table on the right provides JCR Category and Category Rank information for two categories: COMPUTER SCIENCE, INFORMATION SYSTEMS in SCIE edition (Rank 94/158, Q3) and MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition (Rank 188/344, Q3).		

2	A. Brezulianu, O.Geman, IV Popa, Artificial Intelligence Component of the Ferodata AI Engine to Optimize the Assignment of Rail Freight Locomotive Drivers, Applied Sciences 13 (20), 11516, 2023, https://www.mdpi.com/2076-3417/13/20/11516, https://www.mdpi.com/journal/applsci/stats) Impact factor 2,7 WOS:001096035700001	$(25 + 30 * 2.7) / 3 = 35.34 \text{ pct}$												
 Journal information APPLIED SCIENCES-BASEL Publisher name: MDPI Journal Impact Factor™ 2.7 2022 2.9 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th> <th>Category Rank</th> <th>Cat</th> </tr> </thead> <tbody> <tr> <td>CHEMISTRY, MULTIDISCIPLINARY in SCIE edition</td> <td>100/178</td> <td>Q3</td> </tr> <tr> <td>ENGINEERING, MULTIDISCIPLINARY in SCIE edition</td> <td>42/90</td> <td>Q2</td> </tr> <tr> <td>MATERIALS SCIENCE,</td> <td>208/344</td> <td>Q3</td> </tr> </tbody> </table>			JCR Category	Category Rank	Cat	CHEMISTRY, MULTIDISCIPLINARY in SCIE edition	100/178	Q3	ENGINEERING, MULTIDISCIPLINARY in SCIE edition	42/90	Q2	MATERIALS SCIENCE,	208/344	Q3
JCR Category	Category Rank	Cat												
CHEMISTRY, MULTIDISCIPLINARY in SCIE edition	100/178	Q3												
ENGINEERING, MULTIDISCIPLINARY in SCIE edition	42/90	Q2												
MATERIALS SCIENCE,	208/344	Q3												
3	Munisamy Shyamala Devi, Venkatesan Dhilip Kumar, Adrian Brezulianu, Oana Geman, Muhammad Arif (2023) "A Novel Blunge Calibration Intelligent Feature Classification Model for the Prediction of Hypothyroid Disease", Applied Sciences 13 (3), 1399, https://www.mdpi.com/1424-8220/23/3/1128, https://www.mdpi.com/journal/sensors/stats) Impact factor 3,9 WOS:000932570500001	$(25 + 30 * 3.9) / 5 = 28.4 \text{ pct}$												

		
4	Khalid Hamid, Muhammad Waseem Iqbal, Qaiser Abbas, Muhammad Arif, Adrian Brezulianu, Oana Geman (2023) "Cloud Computing Network Empowered by Modern Topological Invariants", https://www.mdpi.com/2076-3417/13/3/1399, https://www.mdpi.com/journal/applsci/stats) Impact factor 2,7 WOS:000929335300001	$(25 + 30 * 2.7) / 6 = 17.66 \text{ pct}$

		
5	Yousaf, M W Iqbal, M Arif, A Jaffar, A Brezulianu, O Geman (2022) "Adoption of Conceptual Model for Smartphones among Older People", <i>Appl. Sci.</i> 2022, 12(24), 12703; https://doi.org/10.3390/app122412703, https://www.mdpi.com/journal/applsci/stats Impact factor: 2.7 WOS:000900306200001	$(25 + 30 * 2.7) / 6 = 17.67 \text{ pct}$

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Adoption of Conceptual Model for Smartphones among People

By Yousaf, A (Yousaf, Aneem) ⁽¹⁾; Iqbal, Mv (Iqbal, Muhammad A (Jaffar, Arfan) ⁽²⁾; Brezuleanu, A (Brezuleanu, Adrian) ⁽³⁾, et al.

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Volume: 12 Issue: 24

DOI: 10.3390/app122412703

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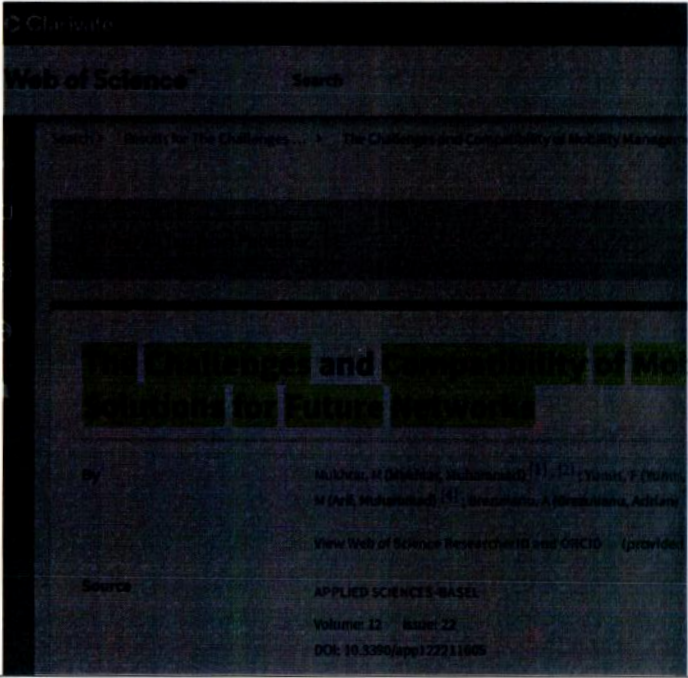
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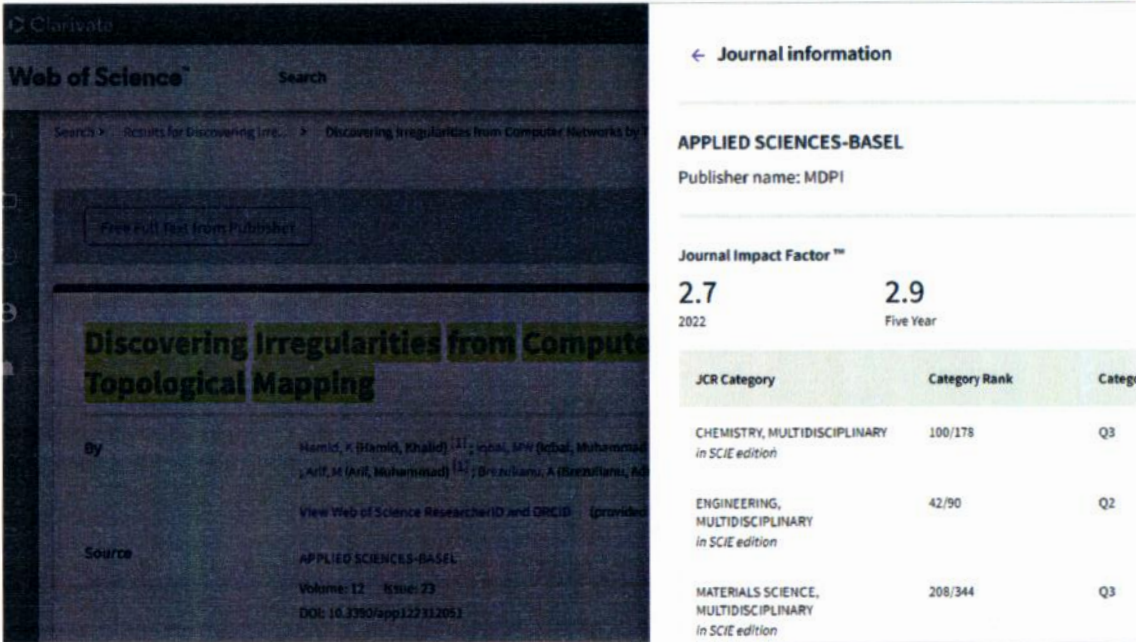
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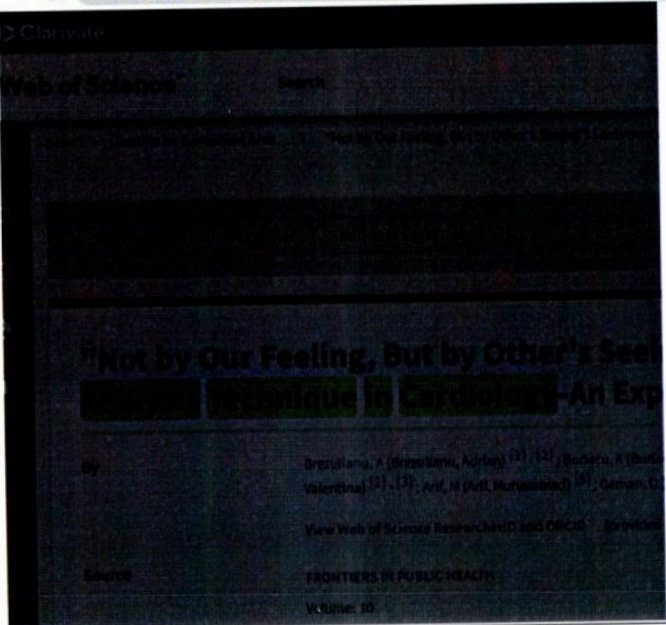
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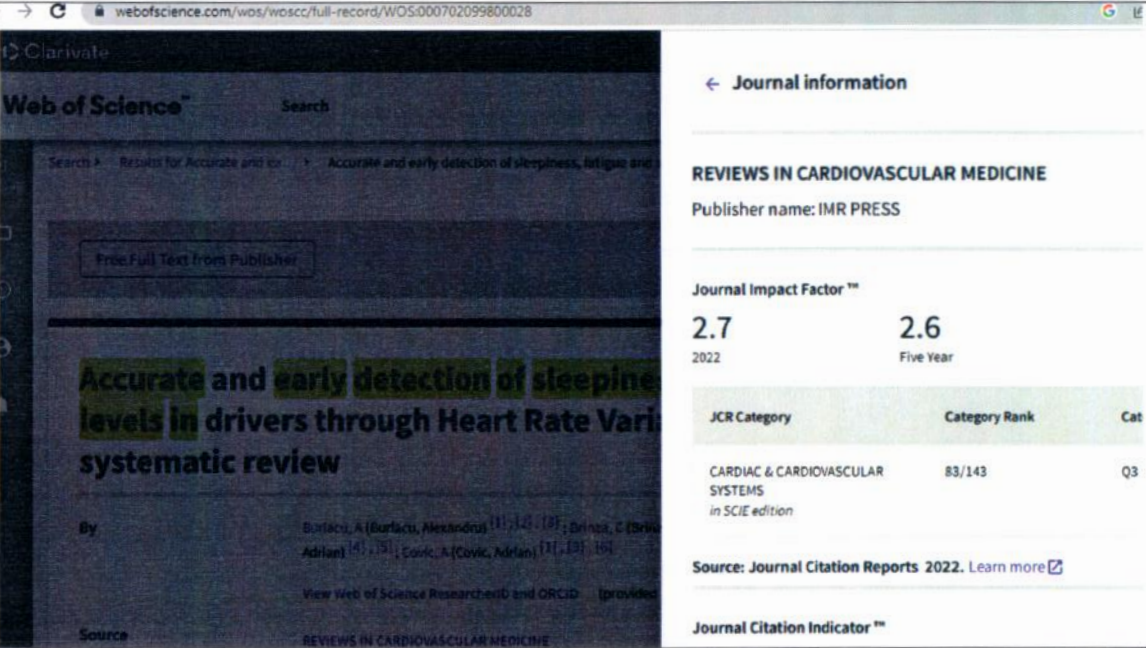
JCR Category	Category Rank	Cate
CHEMISTRY, MULTIDISCIPLINARY in SCIE edition	100/178	Q3
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MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition	208/344	Q3

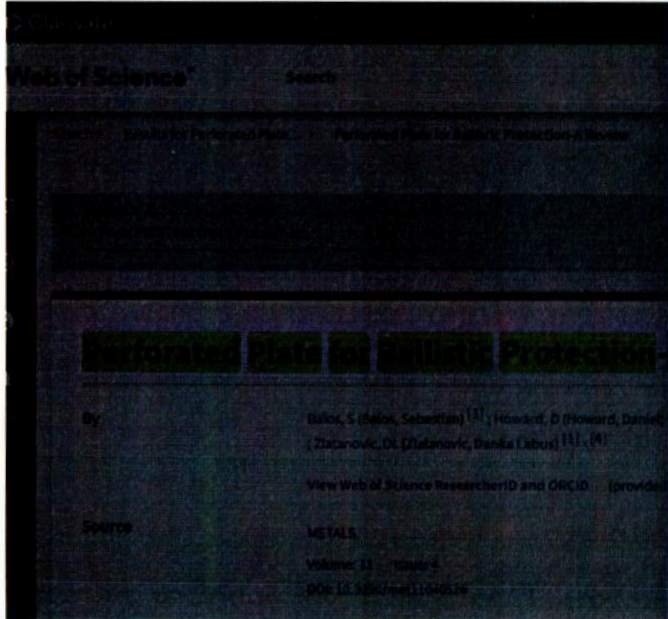
6	M Mukhtar, F Yunus, A Alqahtani, M Arif, A Brezuleanu, O Geman (2022) "The Challenges and Compatibility of Mobility Management Solutions for Future Networks", <i>Appl. Sci.</i> 2022, 12(22), 11605; https://doi.org/10.3390/app122211605, https://www.mdpi.com/journal/applsci/stats) Impact factor 2.7 WOS:000887163600001	$(25 + 30 * 2.7) / 6 = 17.67$ pct
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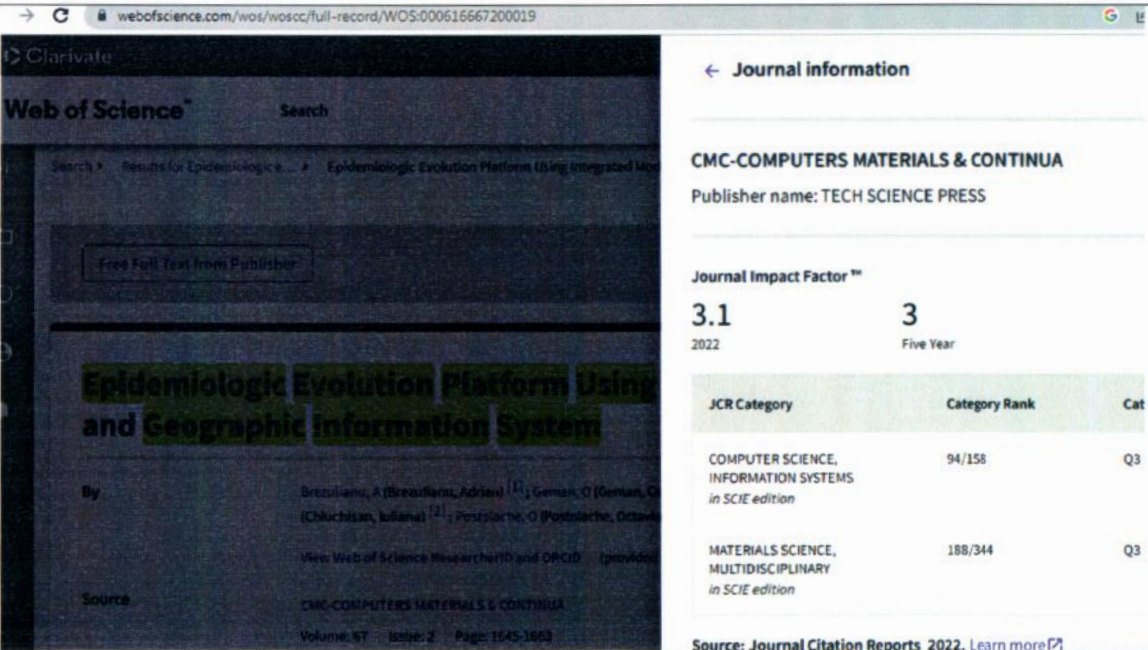
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ENGINEERING, MULTIDISCIPLINARY in SCIE edition	42/90	Q2												
MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition	208/344	Q3												
7	K Hamid, M Waseem Iqbal, Q Abbas, M Arif, A Brezulianu, O Geman (2022) "Discovering Irregularities from Computer Networks by Topological Mapping", <i>Appl. Sci.</i> 2022, 12(23), 12051; https://doi.org/10.3390/app122312051, https://www.mdpi.com/journal/applsci/stats) Impact factor 2.7 WOS:000895087800001	$(25 + 30 * 2.7) / 6 = 17.67$ pct												

		
8	Brezulianu A, Burlacu A, Popa IV, Arif M and Geman O (2022) "Not by Our Feeling, But by Other's Seeing": Sentiment Analysis Technique in Cardiology—An Exploratory Review. Front. Public Health 10:880207. doi: 10.3389/fpubh.2022.880207, https://www.frontiersin.org/articles/10.3389/fpubh.2022.880207/full https://www.frontiersin.org/journals/public-health/about#about-facts) Impact factor 5.2 WOS:000792396400001	$(25 + 30 * 5.2) / 5 = 36.2 \text{ pct}$

	 Journal information FRONTIERS IN PUBLIC HEALTH Publisher name: FRONTIERS MEDIA SA Journal Impact Factor™ 5.2 2022 5.5 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th><th>Category Rank</th><th>Cat</th></tr> </thead> <tbody> <tr> <td>PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SCIE edition</td><td>43/207</td><td>Q1</td></tr> <tr> <td>PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SSCI edition</td><td>25/180</td><td>Q1</td></tr> </tbody> </table> Source: Journal Citation Reports 2022. Learn more	JCR Category	Category Rank	Cat	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SCIE edition	43/207	Q1	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SSCI edition	25/180	Q1	
JCR Category	Category Rank	Cat									
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SCIE edition	43/207	Q1									
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SSCI edition	25/180	Q1									
9	A Burlacu, C Brinza, A Brezulianu, A Covic, "Accurate and early detection of sleepiness, fatigue and stress levels in drivers through heart rate variability parameters: a systematic review", Reviews in cardiovascular medicine, vol. 22, 3, pp. 845-852, 2021, http://venus-pro-bucket.s3.amazonaws.com/journal/RCM/22/3/10.31083/j.rcm2203090/2153-8174-22-3-845.pdf Impact factor: 2.7 WOS:000702099800028	$(25 + 30 * 2.7) / 4 = 26.5$ pct									

		
10	Sebastian Balos, Daniel Howard, Adrian Brezulianu, Danka Labus Zlatanovi, "Perforated Plate for Ballistic Protection—A Review", Metals 2021, 11(4), 526, https://doi.org/10.3390/met11040526 https://www.mdpi.com/journal/metals/stats Impact factor 2.9 WOS:000643280100001	$(25 + 30 * 2.9) / 4 = 28 \text{ pct}$

	 ← Journal information METALS Publisher name: MDPI Journal Impact Factor™ 2.9 2.9 2022 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th> <th>Category Rank</th> <th>Ca</th> </tr> </thead> <tbody> <tr> <td>MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition</td> <td>200/344</td> <td>Q3</td> </tr> <tr> <td>METALLURGY & METALLURGICAL ENGINEERING in SCIE edition</td> <td>24/79</td> <td>Q2</td> </tr> </tbody> </table> Source: Journal Citation Reports 2022. Learn more	JCR Category	Category Rank	Ca	MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition	200/344	Q3	METALLURGY & METALLURGICAL ENGINEERING in SCIE edition	24/79	Q2	
JCR Category	Category Rank	Ca									
MATERIALS SCIENCE, MULTIDISCIPLINARY in SCIE edition	200/344	Q3									
METALLURGY & METALLURGICAL ENGINEERING in SCIE edition	24/79	Q2									
11	A. Brezulianu, O. Geman, M. Arif, I. Chiuchisan, O. Postolache, "Epidemiologic evolution platform using integrated modeling and geographic information system," Computers, Materials & Continua, vol. 67, no.2, pp. 1645–1663, 2021, https://www.techscience.com/cmc/v67n2/41317 https://www.techscience.com/journal/cmc Impact factor: 3.1 WOS:000616667200019	$(25 + 30 * 3.1) / 5 = 23.6$ pct									

		
12	I.Zagan, V.G.Găitan, A.I.Petrariu, N.Iuga, A.Brezulianu, Computers 2020, 9, 15, "Design, Fabrication, and Testing of an IoT Healthcare Cardiac Monitoring Device", https://www.mdpi.com/2073-431X/9/1/15 (https://www.mdpi.com/journal/computers/stats) Impact factor 2.8 WOS:000524291600013	$(25+30 \times 2.8) / 5 = 21.8 \text{ pct}$

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Design, Fabrication, and Testing of an IoT Healthcare Monitoring Device

By Zagari, I (Zagari, Ionel) [1] ; [2] ; Gaitan, VG (Gaitan, Vasile Gh) [1] ; [2] ; Iuga, N (Iuga, Nicolai) [1] ; Brezilianu, A (Brezilianu, Adrian) [1] ; Geman, O (Geman, Oana) [1] ; Paskhal, R (Paskhal, Rostam Nur Aqilah)

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2022 Five Year

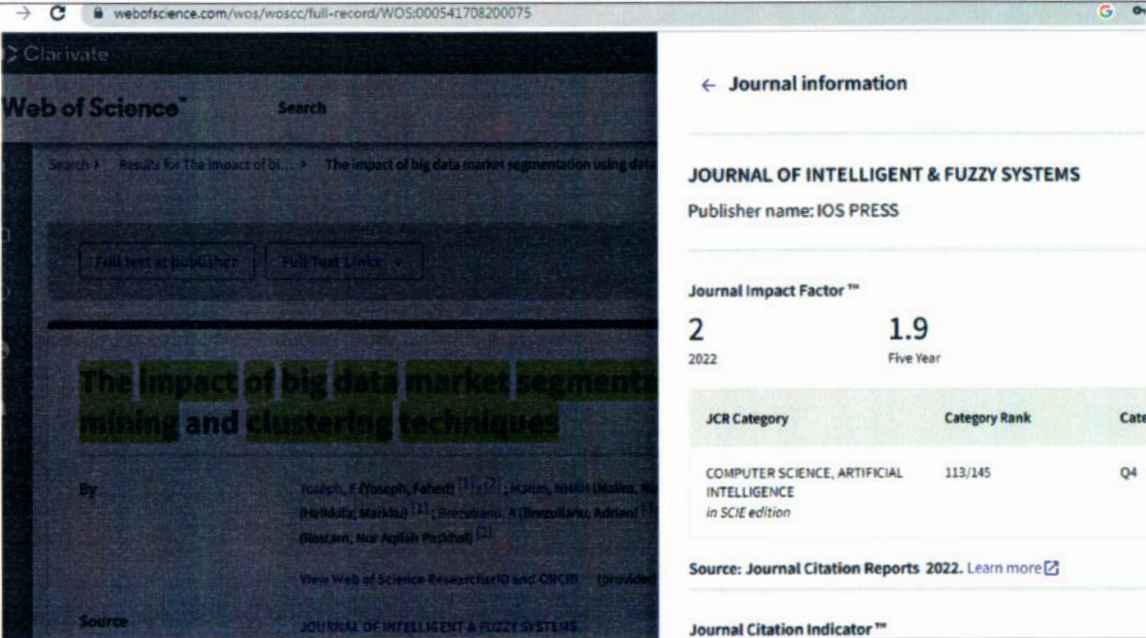
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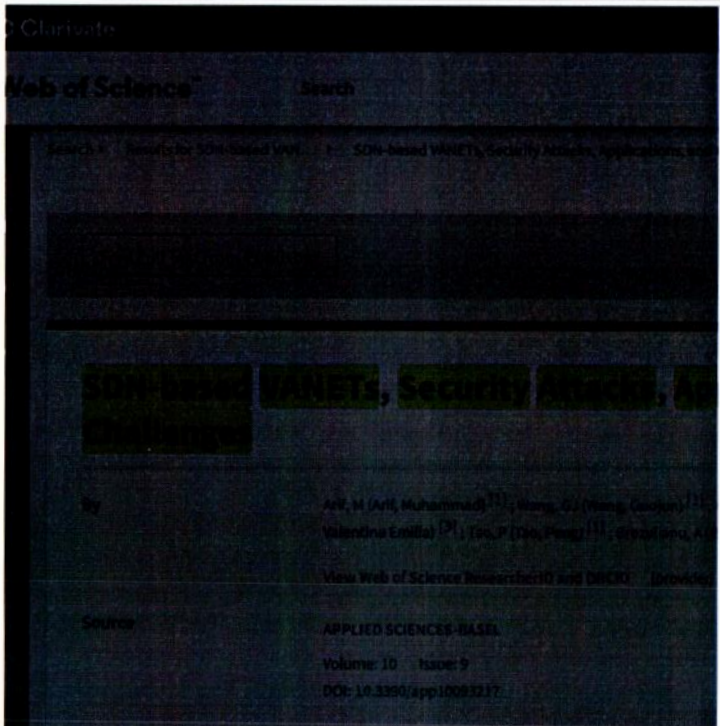
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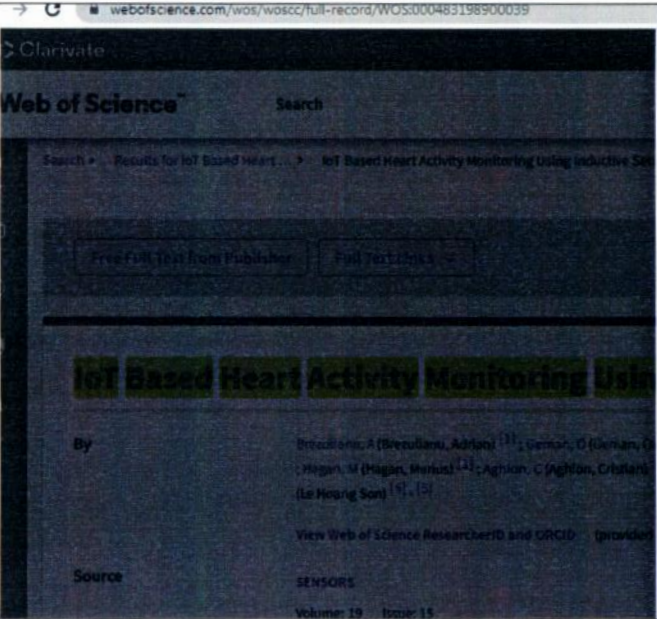
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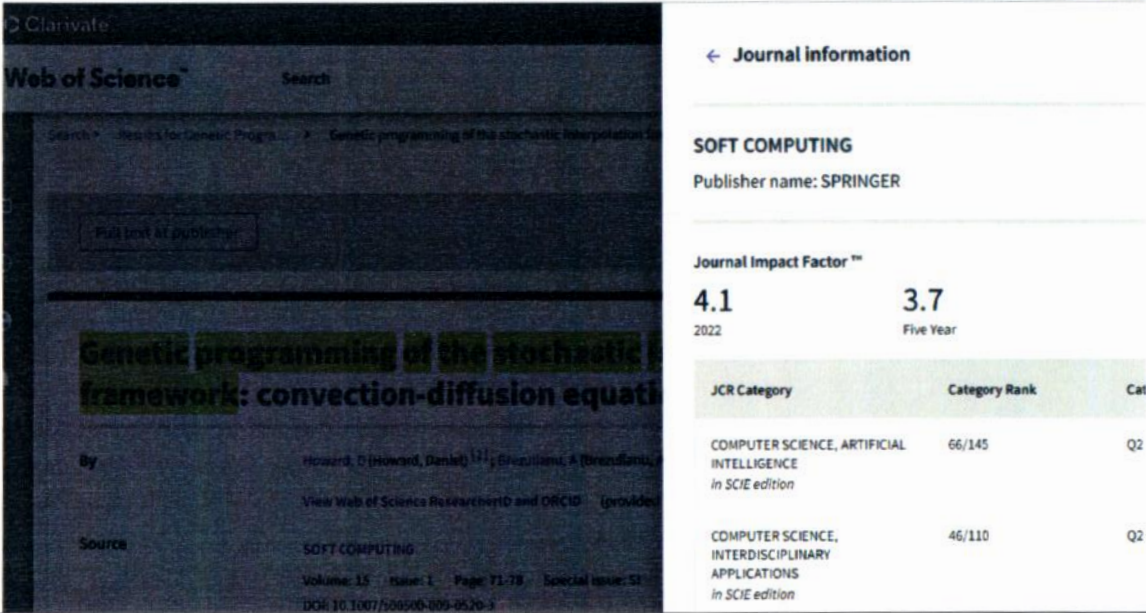
13	Yoseph Fahed, Ahamed Hassain Malim Nurul Hashimah, Heikkilä Markku, Brezilianu Adrian, Geman Oana, Paskhal Rostam Nur Aqilah, The impact of big data market segmentation using data mining and clustering techniques, Journal of Intelligent & Fuzzy Systems, JIFS-179698, pp. 1-15, March 2020, https://content.iospress.com/articles/journal-of-intelligent-and-fuzzysystems/ifs179698?resultNumber=0&totalResults=820&start=0&q=The+impact+of+big+data+market+segmentation+using+data+mining+and+clustering+techniques&resultsPageSize=10&rows=10 Impact factor: 2 WOS:000541708200075	$(25+30*2)/6 = 21.8$ pct = 14,16 pct
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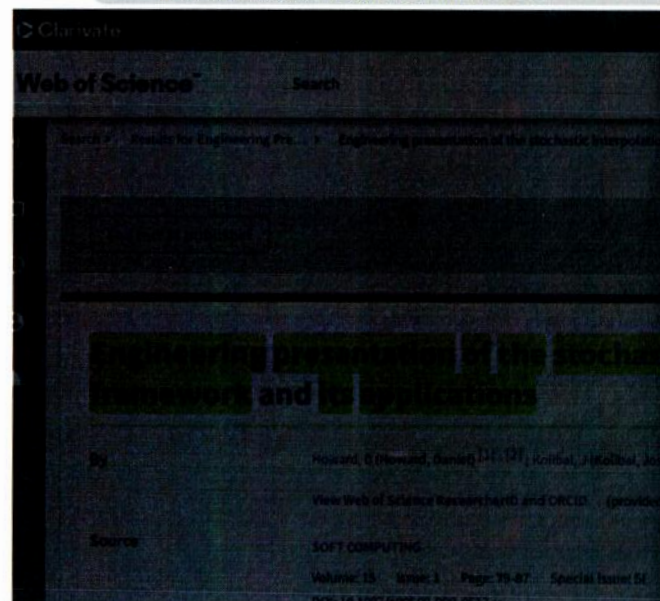
		
14	Muhammad Arif ,Guojun Wang, Oana Geman ,Valentina Emilia Balas, Peng Tao, Adrian Brezulianu, Jianer Chen, Applied Sciences 2020, 10, 9, SDN-based VANETs, Security Attacks, Applications, and Challenges, https://www.mdpi.com/2076-3417/10/9/3217 https://www.mdpi.com/journal/applsci/stats) Impact factor 2.7 WOS:000535541900230	$(25 + 30 * 2.7) / 7 = 15.14 \text{ pct}$

		← Journal information APPLIED SCIENCES-BASEL Publisher name: MDPI Journal Impact Factor™ 2.7 2022 2.9 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th><th>Category Rank</th><th>Category Qu</th></tr> </thead> <tbody> <tr> <td>CHEMISTRY, MULTIDISCIPLINARY <i>in SCIE edition</i></td><td>100/178</td><td>Q3</td></tr> <tr> <td>ENGINEERING, MULTIDISCIPLINARY <i>in SCIE edition</i></td><td>42/90</td><td>Q2</td></tr> <tr> <td>MATERIALS SCIENCE, MULTIDISCIPLINARY <i>in SCIE edition</i></td><td>208/344</td><td>Q3</td></tr> </tbody> </table>	JCR Category	Category Rank	Category Qu	CHEMISTRY, MULTIDISCIPLINARY <i>in SCIE edition</i>	100/178	Q3	ENGINEERING, MULTIDISCIPLINARY <i>in SCIE edition</i>	42/90	Q2	MATERIALS SCIENCE, MULTIDISCIPLINARY <i>in SCIE edition</i>	208/344	Q3
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ENGINEERING, MULTIDISCIPLINARY <i>in SCIE edition</i>	42/90	Q2												
MATERIALS SCIENCE, MULTIDISCIPLINARY <i>in SCIE edition</i>	208/344	Q3												
15	Brezulianu, A.; Geman, O.; Zbancioc, M.D.; Hagan, M.; Aghion, C.; Hemanth, D.J.; Son, L.H. IoT Based Heart Activity Monitoring Using Inductive Sensors, <i>Sensors</i> 2019, 19, 3284, https://www.mdpi.com/1424-8220/19/15/3284 https://www.mdpi.com/journal/sensors/stats) Impact factor 3.9 WOS:000483198900039	$(25 + 30 * 3.9) / 5 = 28.4$ pct												

		SENSORS Publisher name: MDPI Journal Impact Factor™ 3.9 2022 4.1 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th><th>Category Rank</th><th>Cate</th></tr> </thead> <tbody> <tr> <td>CHEMISTRY, ANALYTICAL <i>in SCIE edition</i></td><td>26/86</td><td>Q2</td></tr> <tr> <td>ENGINEERING, ELECTRICAL & ELECTRONIC <i>in SCIE edition</i></td><td>100/275</td><td>Q2</td></tr> <tr> <td>INSTRUMENTS & INSTRUMENTATION <i>in SCIE edition</i></td><td>19/63</td><td>Q2</td></tr> </tbody> </table>	JCR Category	Category Rank	Cate	CHEMISTRY, ANALYTICAL <i>in SCIE edition</i>	26/86	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC <i>in SCIE edition</i>	100/275	Q2	INSTRUMENTS & INSTRUMENTATION <i>in SCIE edition</i>	19/63	Q2
JCR Category	Category Rank	Cate												
CHEMISTRY, ANALYTICAL <i>in SCIE edition</i>	26/86	Q2												
ENGINEERING, ELECTRICAL & ELECTRONIC <i>in SCIE edition</i>	100/275	Q2												
INSTRUMENTS & INSTRUMENTATION <i>in SCIE edition</i>	19/63	Q2												
16	Adrian Brezulianu; Cristian Aghion; Marius Hagan; Oana Geman; Iuliana Chiuchisan; Alexandra Balan; Doru Balan; Valentina Emilia Balas, Active Control Parameters Monitoring for Freight Trains, using Wireless Sensor Network Platform and Internet of Things, Processes, 2020, 8(6), 639, https://doi.org/10.3390/pr8060639, https://www.mdpi.com/journal/processes Impact factor: 3.5 WOS:000551224100001	$(25 + 30 * 3.5) / 8 = 16.25$ pct												

17	Daniel Howard, Adrian Brezulianu, Joseph Kolibal - Genetic Programming of the Stochastic Interpolation Framework: Convection Diffusion Equation, Soft Computing, Springer, ISSN 1432-7643 Impact factor: 4.1 WOS:000286197800008	$(25 + 30 * 4.1) / 3 = 49.33 \text{ pct}$

		
18	Daniel Howard, Joseph Kolibal, Adrian Brezulianu - Engineering Presentation of the Stochastic Interpolation Framework and its Applications, Soft Computing, Springer, ISSN 1432-7643 Impact factor: 4.1 WOS:000286197800009	$(25 + 30 * 4.1) / 3 = 49.33 \text{ pct}$



Journal information

SOFT COMPUTING

Publisher name: SPRINGER

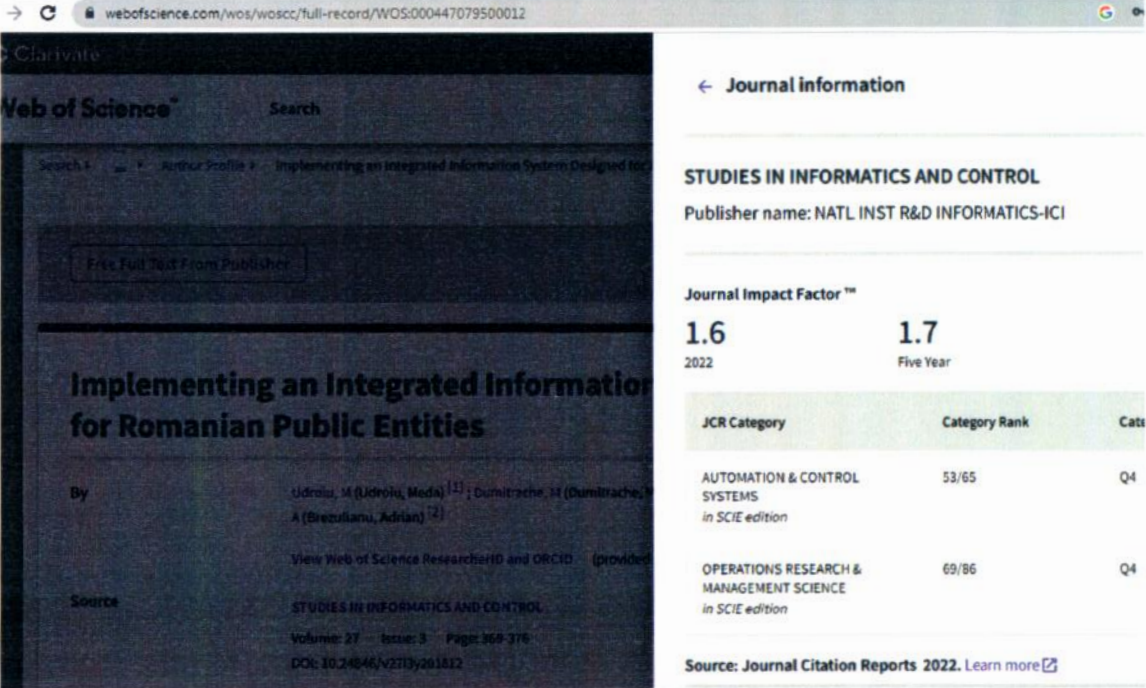
Journal Impact Factor™

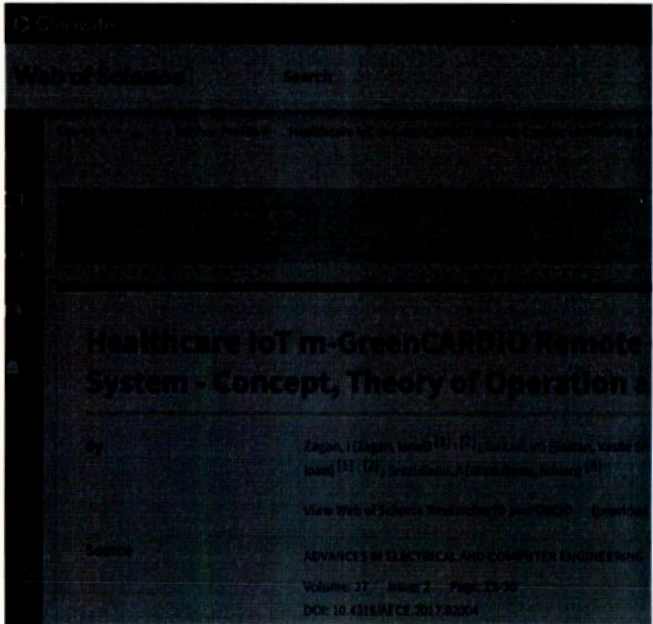
4.1
2022

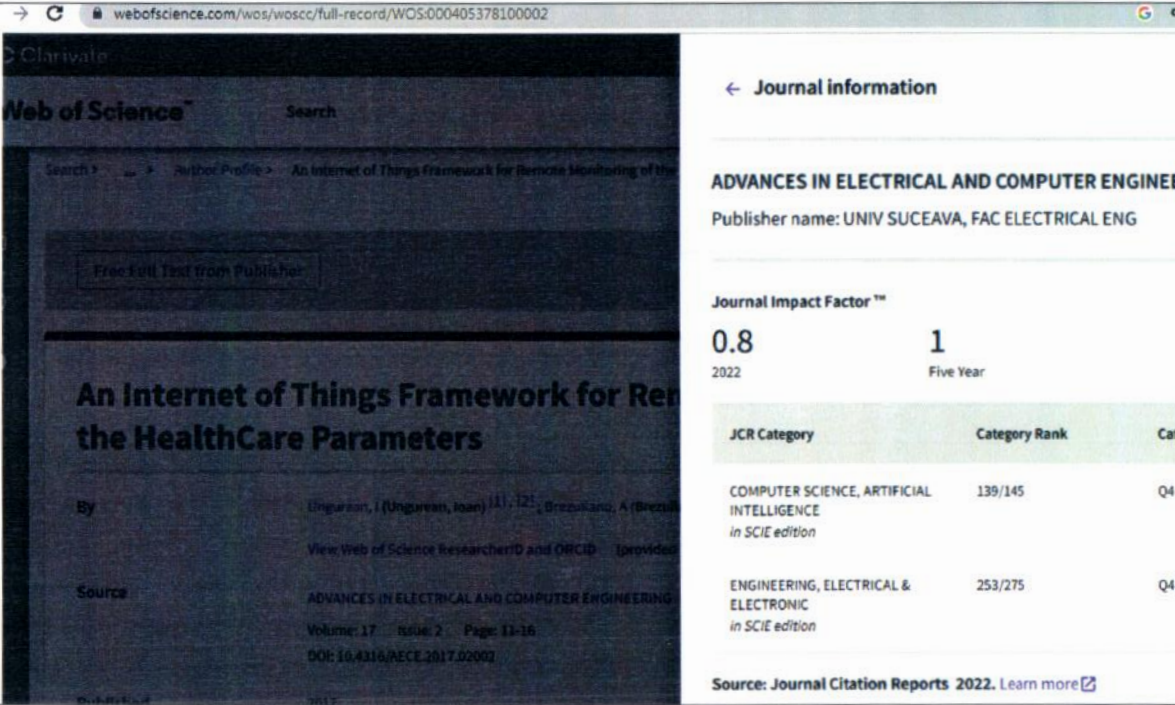
3.7
Five Year

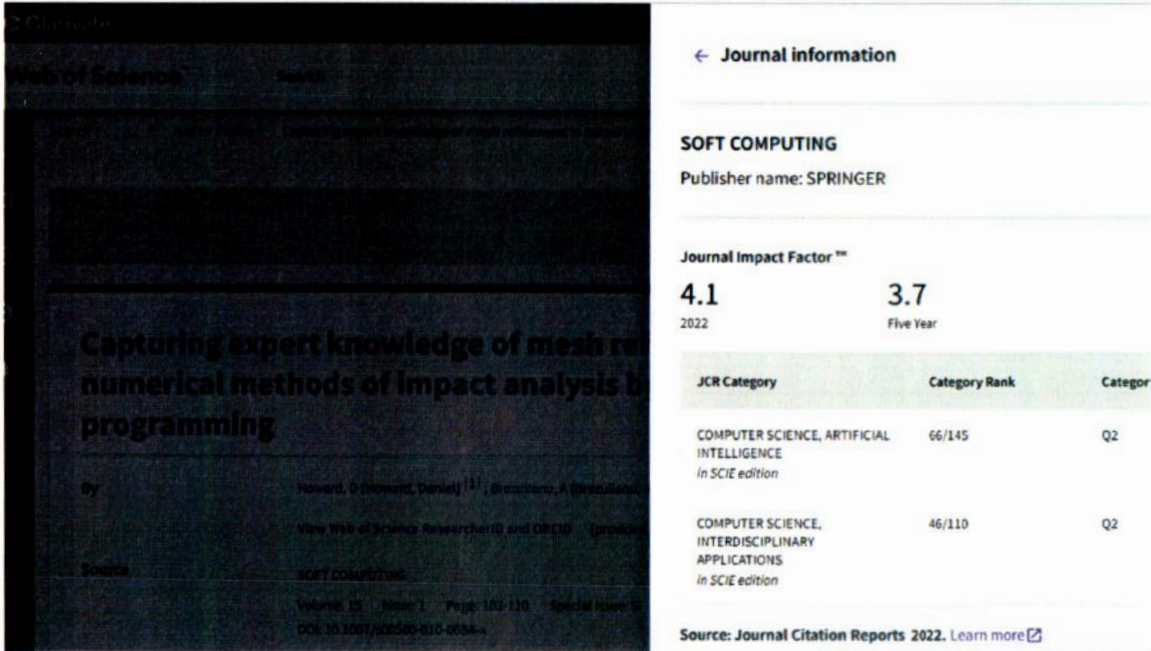
JCR Category	Category Rank	Categ
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE in SCIE edition	66/145	Q2
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS in SCIE edition	46/110	Q2

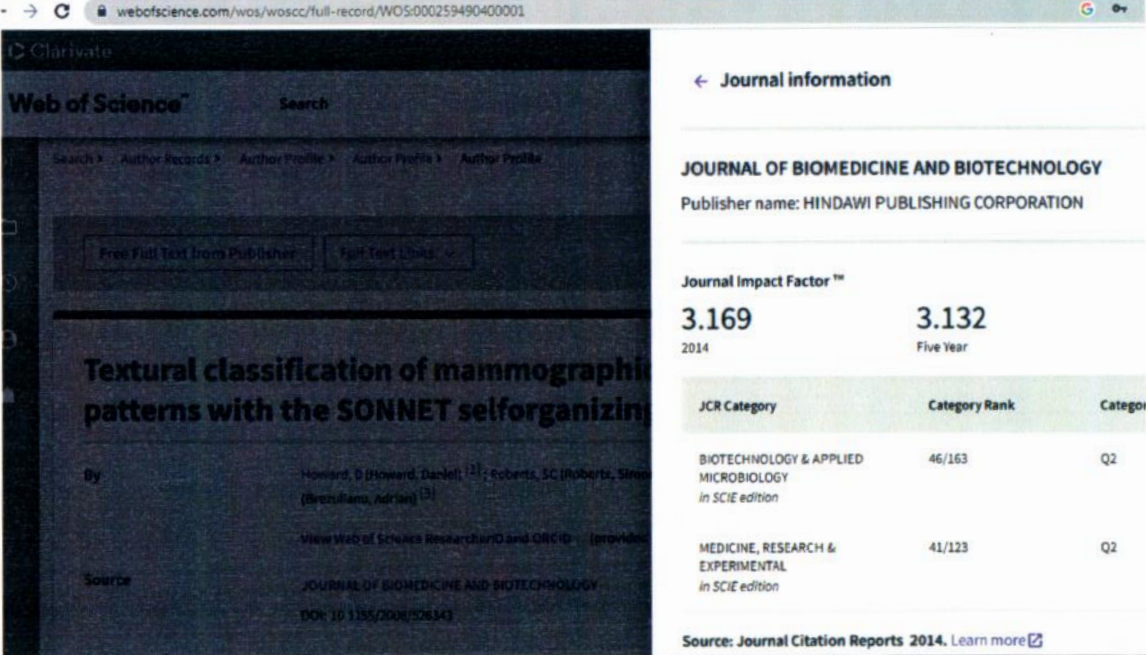
19	M Udriou, M Dumitrache, I Sandu, A Brezulianu. Implementing an integrated information system designed for Romanian public entities, Studies in Informatics and Control, 2018, 27 (3), 369-376 Impact factor: 1.6 WOS:000286197800009	$(25 + 30 * 1.6) / 4 = 18.25$ pct
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20	I Zagan, VG Gaitan, AI Petrariu, A Brezulianu, "Healthcare IoT m-GreenCARDIO Remote Cardiac Monitoring System–Concept, Theory of Operation and Implementation", Advances in Electrical and Computer Engineering 17 (2), 23-30, https://www.proquest.com/openview/bf64fa43a81e5e61eda81ccb13e702eb/1?pq-origsite=gscholar&cbl=2049588 impact factor: 0.8 WOS:000405378100004	$(25 + 30 * 0.8) / 4 = 12.25 \text{ pct}$

	 Journal information ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Publisher name: UNIV SUCEAVA, FAC ELECTRICAL ENG Journal Impact Factor™ 0.8 2022 1 Five Year <table border="1"> <thead> <tr> <th>JCR Category</th> <th>Category Rank</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td>COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE in SCIE edition</td> <td>139/145</td> <td>Q4</td> </tr> <tr> <td>ENGINEERING, ELECTRICAL & ELECTRONIC in SCIE edition</td> <td>253/275</td> <td>Q4</td> </tr> </tbody> </table> Source: Journal Citation Reports 2022. Learn more	JCR Category	Category Rank	Category	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE in SCIE edition	139/145	Q4	ENGINEERING, ELECTRICAL & ELECTRONIC in SCIE edition	253/275	Q4	
JCR Category	Category Rank	Category									
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE in SCIE edition	139/145	Q4									
ENGINEERING, ELECTRICAL & ELECTRONIC in SCIE edition	253/275	Q4									
21	L Ungurean, A Brezilianu, "An internet of things framework for remote monitoring of the healthcare parameters", Advances in Electrical and Computer Engineering 17 (2), 11-25, 2022, https://www.researchgate.net/profile/Ioan-Ungurean/publication/317331372_An_Internet_of_Things_Framework_for_Remote_Monitoring_of_the_HealthCare_Parameters/links/595dbfc7aca27230850d1031/An-Internet-of-Things-Framework-for-Remote-Monitoring-of-the-HealthCare-Parameters.pdf Impact factor: 0.8 WOS:000405378100002	$(25 + 30 * 0.8) / 2 = 12.25$ pct									

		
22	D Howard, A Brezuleanu, "Capturing expert knowledge of mesh refinement in numerical methods of impact analysis by means of genetic programming", Soft Computing 15, 103-110, https://link.springer.com/article/10.1007/s00500-010-0684-x Impact factor: 4.1 WOS:000286197800012	$(25 + 30 * 4.1) / 2 = 74 \text{ pct}$

	 The screenshot shows the Web of Science interface for the journal 'SOFT COMPUTING'. The title of the article is 'Capturing expert knowledge of mesh re numerical methods of impact analysis b programming'. The authors listed are Howard, D (Howard, Daniel) and Brezulianu, A (Brezulianu, Adrian). The journal is published by SPRINGER. The Journal Impact Factor for 2022 is 4.1, and the Five Year impact factor is 3.7. The JCR Category is 'COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE' with a Category Rank of 66/145 and a Q2 classification. Another category listed is 'COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS' with a Category Rank of 46/110 and a Q2 classification. The source is cited as 'Journal Citation Reports 2022'.	
23	Daniel Howard, Simon C. Roberts, Conor Ryan, Adrian Brezulianu – Textural Classification of Mammographic Parenchymal Patterns with the SONNET Selforganizing Neural Network, Journal of Biomedicine and Biotechnology Volume 2008, Article ID 526343 Impact factor: 3.169 WOS:000259490400001	$(25 + 30 * 3.169) / 4 = 30,0175 \text{ pct}$

		
	TOTAL	609.55

Punctaj A.2.1 - 609,55 pct.

Criteriul A2.2.

Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)		
Nr.	Articole publicate în reviste indexate in baze de date internaționale (BDI)	Punctaj
1	C. Aghion, A. Brezulianu, M. Hagn, BE Madsen, A. Kristenssen, 2023 International Synposium on Signals, Circuits and Systems (ISSCS), 1-4, "Device for tracking functional paramters for freight trains", https://ieeexplore.ieee.org/abstract/document/10190930	20/5 = 4 pct
2	Daniel Howard, Adrian Brezulianu, Homology, Analogy and Cybernetics Ideas could help the counter terrorism effort, Romanian Intelligence Studies Review, no.11/June 2014, pp.25-32, ISSN 2067-3353.	20/2 = 10 pct
3	A. Brezulianu, Monica Fira, E. Gazzi, L. Sorodoc: „A Computerized Data Analysis Method for Electrogastrogaphyc Signals”, Revista Medico-Chirurgicala a societatii de medici si naturalisti din Iasi, volumul 113 (2009), numarul 1 , pp. 120, ISSN: 0048-7848 (Eurasip)	20/4 = 5 pct
	TOTAL articole reviste BDI	19 pct
Nr.	Articole publicate în volumul unor manifestări științifice indexate in baze de date internaționale	Punctaj
1	Brezulianu A, Fira M, Fira L. A genetic algorithm approach for a constrained employee scheduling problem as applied to employees at mall type shops. InProceedings of the 2009 International Conference on Hybrid Information Technology 2009 Aug 27 (pp. 497-501), https://dl.acm.org/doi/abs/10.1145/1644993.1645085	20/3 = 6.67 pct
2	Teodorescu HN, Mlynek D, Kandel A, Ropota I, Teodorescu C, Posa C, Brezulianu A, Ciorap R. Analysis of chaotic movements and fuzzy assessment of hands tremor in rehabilitation. In1998 Second International Conference. Knowledge-Based Intelligent Electronic Systems. Proceedings KES'98 (Cat. No. 98EX111) 1998 Apr 21 (Vol. 3, pp. 340-345). IEEE, https://ieeexplore.ieee.org/abstract/document/725992	20/8 = 2.5 pct
3	Zagan I, Gaitan VG, Iuga N, Brezulianu A. M-GreenCARDIO embedded system designed for out-of-hospital cardiac patients. In2018 international conference on development and application systems (DAS) 2018	20/4 = 5 pct

	May 24 (pp. 11-17). IEEE, https://ieeexplore.ieee.org/abstract/document/8396063	
4	Teodorescu, H.N., Gil Aluja, J., Wentland-Forte, M., Gil Lafuente, A.-M., Tacu, Al.P., Brezulianu, A., Analysis of a chaotic trade models and improved chaotic fuzzy trade models, Proc. of the 3rd Conference on Fuzzy Logic, Neural Nets and Soft Computing, Iizuka, Japan, 1994	20/6 = 3.34 pct
5	A. Brezulianu, I. Popa, O. Geman, I. Chiuchisan and C. Nastase: GreenChain: a solana blockchain-based management platform for academic/commercial areas. In: 2022 E-Health and Bioengineering Conference (EHB), pp. 1-5 Iasi, Roma (2022), https://doi.org/10.1109/EHB55594.2022.9991630	20/5 = 4 pct
6	A. Brezulianu, I. Popa, O. Geman, I. Chiuchisan and C. Nastase, "Integrated Extended SIR-type Epidemiological Modeling Platform for Covid-19," 2022 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2022, pp. 1-5, doi: 10.1109/EHB55594.2022.9991549. https://ieeexplore.ieee.org/abstract/document/9991549	20/5 = 4 pct
7	Teodorescu, H.N.; Brezulianu, A., Complete and incomplete fuzzy logic controllers, Proceedings of the Korean Institute of Intelligent Systems Conference, Korean Institute of Intelligent Systems, Korea, 1993	20/2 = 10 pct
8	Brezulianu A., Popa I.V. AI FERODATA Application Enriched with Artificial Intelligence Models to Optimize Freight Transport, Proceedings of the Fifth International Conference on Railway Technology: Research, Development and Maintenance, Montpellier, France, 2022, https://www.ctresources.info/ccc/paper.html?id=9678	20/2 = 10 pct
9	Howard, Daniel; Roberts, Simon C.; Brezulianu, Adrian; Ryan Conor. Initial exploitation of the SONNET derived taxonomy of mammographic parenchymal patterns, Conference: Conference on Frontiers in the Convergence of Bioscience and Information Technologies Location: Cheju Isl, SOUTH KOREA Date: OCT 11-13, 2007, PROCEEDINGS OF THE FRONTIERS IN THE CONVERGENCE OF BIOSCIENCE AND INFORMATION TECHNOLOGIES Pages: 390-+ Published: 2007 (ISI, IEEE Xplore), https://ieeexplore.ieee.org/document/4524138	20/4 = 5 pct
	TOTAL articole conferinte BDI	50.51
	TOTAL	69.51

Punctaj A.2.2 – 69.51 pct.

Criteriul A2.3.1

Poprietate intelectuală, brevete de invenție, certificate ORDA (internationale)		
Nr.	Proprietate intelectuala (US Patents & WIPO)	Punctaj
1	Certificat USA – EinDrink Reg.No. 5,326,430 / 07 Nov. 2017	2 x 35 = 70 pct



CERTIFICATE OF REGISTRATION
The International Bureau of the World Intellectual Property Organization (WIPO) certifies that the indications appearing in the present certificate conform to the recording made in the International Register of Marks maintained under the Madrid Agreement and Protocol.

Reproduction of the mark in color under Rule 9.4(2)(a)



Registration number
1 332 659

Registration date
August 18, 2016

Date next payment due
August 18, 2026

Name and address of holder
BREZULIANU, Adrian-Iulian
Str. Han Tatar, nr. 4, Bl. 300, Sc. A, Et. 1, Ap. 3, Iasi (Romania)

Name and address of the representative
Neagu, Catalin, Petru Tutuza str., no. 5, Bl. 909 Tr. I. et. 3, ap. 11, 700730 Iasi (Romania)

Classification of figurative elements
1, 15, 8, 7, 11, 3, 29, 1

Colors claimed
Purple "Pantone:265C", purple "Pantone:2765C" and white. The colors are used in the background of the two glasses with dialogue windows and the name EinDrink, which are all coloured in white, to create a gradient of colour from purple "Pantone:265C" to purple "Pantone:2765C".

Translation of the mark or of words contained in the mark
One Drink.

List of goods and services
35 Information technology and audiovisual equipment, measuring, detecting and monitoring instruments, indicators and controllers.
35 Advertising, marketing and promotional services, administration of the business affairs of franchisees, commercial administration of the licensing of the goods and services of others.
41 Education, entertainment and sports.
42 Scientific and technological services and research and design services related thereto, IT programming services.

Basic application
European Union, 29.02.2016, 015181391

WIPO
INTELLECTUAL PROPERTY
ORGANIZATION
CHAMBER OF COMMERCE
100 Centre St. (New York)
WWW.WIPO.INTERNET




Reg. No. 5,326,430
Registered Nov. 07, 2017
Int. Cl.: 9, 35, 41, 42
Service Mark
Trademark
Principal Register

BREZULIANU, Adrian-Iulian (ROMANIA) (INDIVIDUAL)
1st. New York No. 4, Bl. 300
2nd. A. Et. 1, Ap. 3
3rd. IASI, ROMANIA

CLASS 9: Information Technology and audiovisual equipment, namely, interactive computer systems comprising a computer hardware embedded in a user and interactive computer software enabling exchange of information, measuring, detecting and monitoring instruments, indicators and controllers, namely, Computer hardware and computer software programs for the integration of text, audio, graphics, still images and moving pictures into an interactive delivery for multimedia applications.

CLASS 35: Advertising, marketing and promotional services, administration of the business affairs of franchisees, commercial administration of the licensing of the goods and services of others.

CLASS 41: Education, namely, providing online videos, not downloadable in the field of entertainment, entertainment, namely, Provision of entertainment information via the Internet, Provision of scientific information, Provision of entertainment information by electronic means, Providing information about cultural activities, Providing information about sporting activities, Providing information on entertainment through computer networks, Party planning, Organization of parties, Organization of recreational activities, namely, sports competitions, picnics, concerts, shows, festivals, movie screenings, Information about entertainment and entertainment events provided via online networks and the Internet, Entertainment information.

CLASS 42: IT services, namely, Software development, programming and implementation, Provision of information, advice and consultancy in the field of software development, Design and development of electronic data systems, Technical design and planning of telecommunications networks, Scientific research and technology services, namely, Information technology research in the field of social media, Research in the field of communication technology, Providing online information in the field of technological research from a computer database of the owner.

The color(s) dark purple, purple and white is/are claimed as a feature of the mark.

The mark consists of the word "EINDRINK", two wine glasses, two bubbles emerging from the right glass and a splash of liquid emerging from the left glass, and speech bubbles, all in white. The thick speech bubble forms two purple dots. All of the foregoing is featured

Joseph Mahol
Permitted by the Trademark and Patent Office of the United States Patent and Trademark Office

2	Certificat EUIPO – MEROOR, No. 017882036	2 x 35 = 70 pct
Registered / Enregistré 22/08/2018 No 017882036 EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE CERTIFICATE OF REGISTRATION This Certificate of Registration is hereby issued for the European Union trade mark identified below. The corresponding entries have been recorded in the Register of European Union trade marks. OFFICE DE L'UNION EUROPÉENNE POUR LA PROPRIÉTÉ INTELLECTUELLE CERTIFICAT D'ENREGISTREMENT Le présent Certificat d'Enregistrement est délivré pour la marque de l'Union européenne identifiée ci-joint. Les mentions et les renseignements qui s'y rapportent ont été inscrits au Registre des Marques de l'Union Européenne. MEROOR The Acting Executive Director / Le Directeur exécutif faisant fonction Christian Archambeau www.euiipo.europa.eu		
	TOTAL	140 pct

Punctaj A.2.3.1 – 140 pct.

Criteriul A2.4.1.2 Grant-uri castigate prin competitie nationala (director/responsabil de proiect)

Grant-uri castigate prin competitie (director/responsabil de proiect)		
Nr.	Grant-uri castigate prin competitie (director/responsabil de proiect)	Punctaj
1	Proiect "Cercetarea si realizarea unor solutii inovative de masurare a consumurilor in instalatiile tehnice utilizand inteligenta artificiala", Universitatea Tehnica "Gheorghe Asachi" Iasi & Compania REMONI Danemarca POC 2014-2020 – P.I.163/1/3, SMIS 121866 Buget: 1.146.651,75 Lei Perioada: 2021-2023 (3 ani)	3 x 10 = 30 pct
2	Proiect POS-DRU "Telecomunicatiile mai aproape de student", Universitatea Tehnica "Gheorghe Asachi" & Compania Mobilis Romania POSDRU/109/2.1./G/81641 Buget: 287.280,00 Lei Perioada: 2012-2013 (2 ani)	2 x 10 = 20 pct
3	Proiect bilateral PN II, "Analiza automata a semnalelor ECG pentru aplicatii de telemedicina", Universitatea Tehnica "Gheorghe Asachi" & Universitatea Incheon, South-Korea PN II Cooperare bilaterala – Capacități, Modul III, nr. 117/2008, ANCS Buget: 75.146,58 Lei Perioada: 2008-2009 (2 ani)	2 x 10 = 20 pct
4	Proiect AEROSPATIAL - ROSA, "Sistem de masura accelerometric avansat pentru investigari atmosferice cu sonde planetare (ROSA)", Universitatea Tehnica "Gheorghe Asachi" & ROSA & Institutul National de Inventica AEROSPATIAL 3021P/117/2004, Institutul Național de Inventică Iași Buget: 18.000,00 Lei Perioada: 2005-2006 (2 ani)	2 x 10 = 20 pct

5	Proiect CEEX-VIASAN, Sistem automat de diagnostic paraclinic în sindromul disfuncțional al sistemului stomatognat, Universitatea Tehnica "Gheorghe Asachi" & Universitatea de Medicina si Farmacie "Grigore.T.Popa" CEEX nr. 46/2005 Buget: 174.975,00 Lei Perioada: 2005-2008 (4 ani)	4 x 10 = 40 pct
TOTAL		130 pct

Punctaj A.2.4.1.2 – 130 pct.

Criteriul A2.4.2.2 Grant-uri castigate prin competitie nationala (membru in proiect)

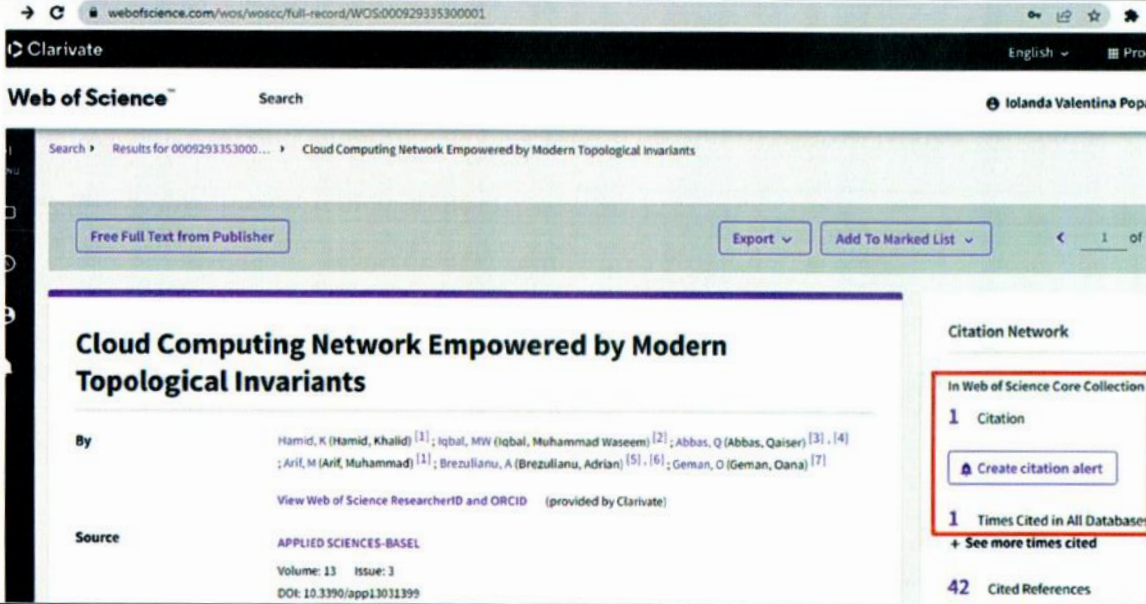
Grant-uri castigate prin competitie (membru in proiect)		
Nr.	Grant-uri castigate prin competitie (membru de proiect)	Punctaj
1	Proiect "Capete sonar biomimetice adaptive pentru vehicule autonome", Universitatea Tehnica "Gheorghe Asachi" & Universitatea Dunarea de Jos, Galati, Responsabil proiect Prof. Horia Nicolai Teodorescu Colab. PN II 12-079/2008 Buget: 123.631,01 Lei Perioada: 2008-2011 (4 ani)	4 x 2 = 8 pct
TOTAL		8 pct

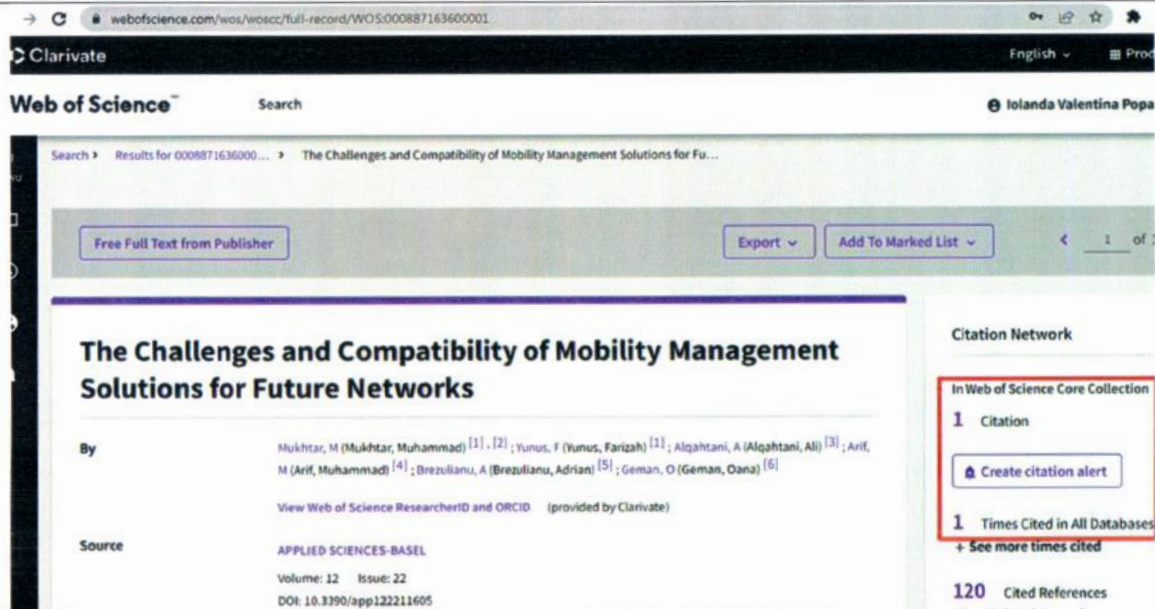
Punctaj A.2.4.2.2 – 8 pct.

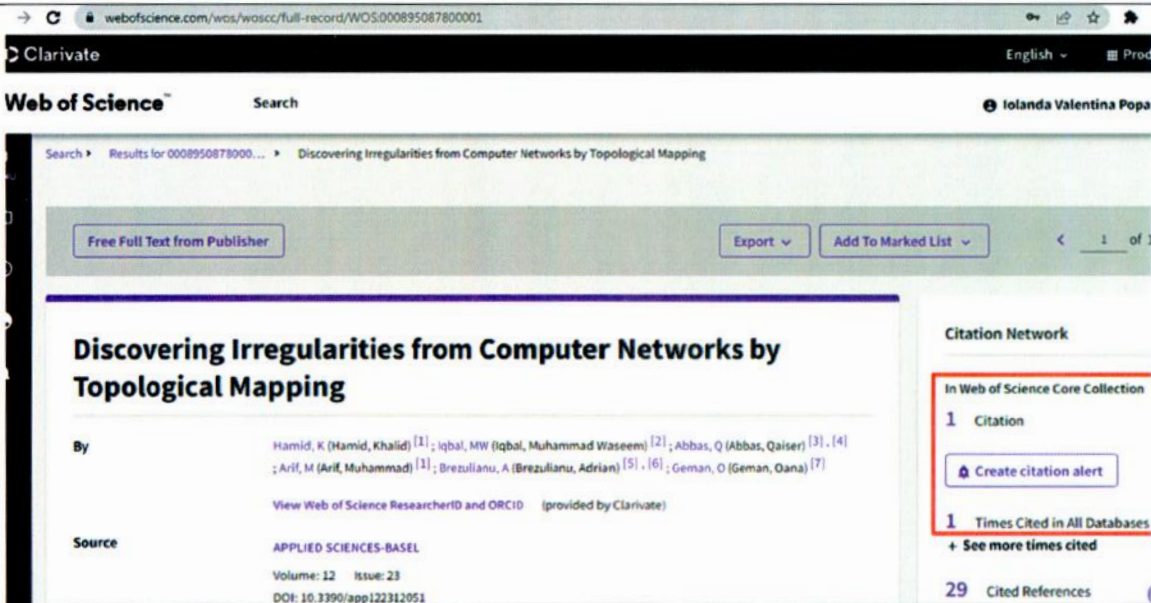
Total punctaj Criteriul A2: 957,06 pct.

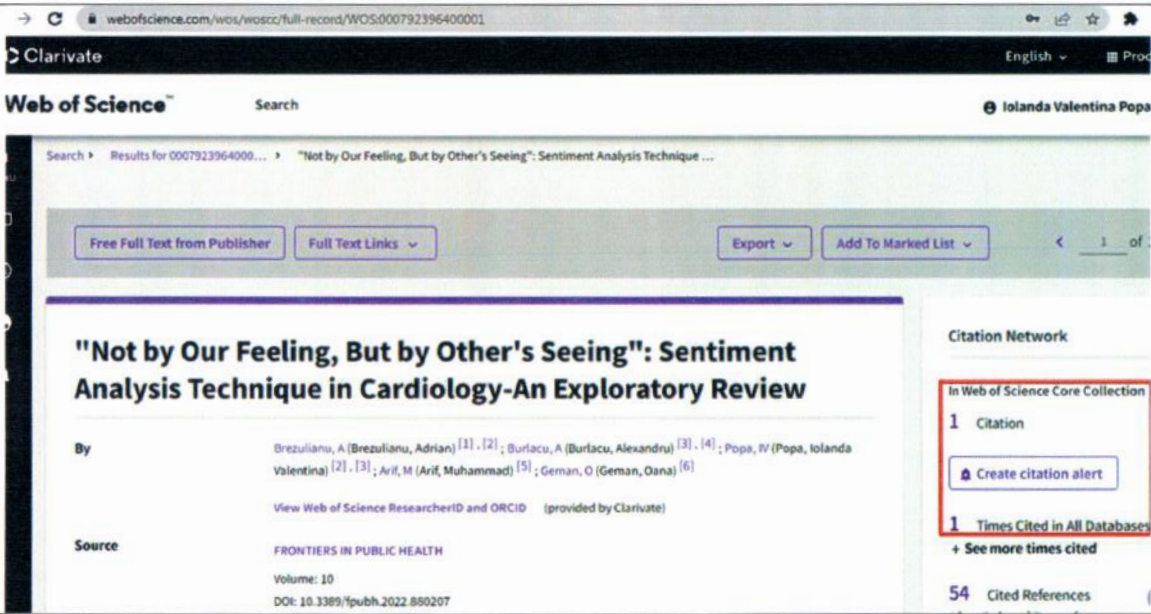
A.3.1.1. Citari in carti, ISI

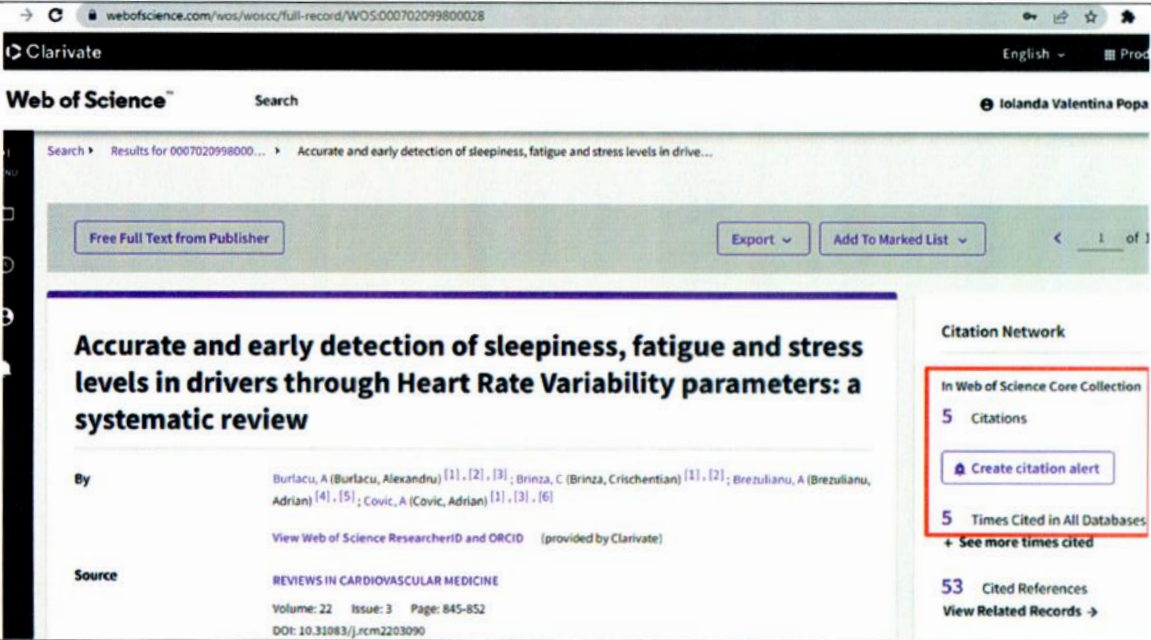
Criteriul A3.1.1

Citari in carti, articole ISI		
Nr.	Citare articol cotat ISI	Punctaj
1	Khalid Hamid, Muhammad Waseem Iqbal, Qaiser Abbas, Muhammad Arif, Adrian Brezulianu, Oana Geman (2023) "Cloud Computing Network Empowered by Modern Topological Invariants", Applied Sciences 13 (3), 1399, https://www.mdpi.com/2076-3417/13/3/1399 Numar citari: 1	1 x 8 / 6 = 1.33 pct
 The screenshot shows the Web of Science interface for the article "Cloud Computing Network Empowered by Modern Topological Invariants" by Khalid Hamid et al. (2023). The article is from Applied Sciences, Volume 13, Issue 3, page 1399. The citation network on the right indicates 1 citation in the Web of Science Core Collection and 42 cited references. A red box highlights the citation count and the "Create citation alert" button.		

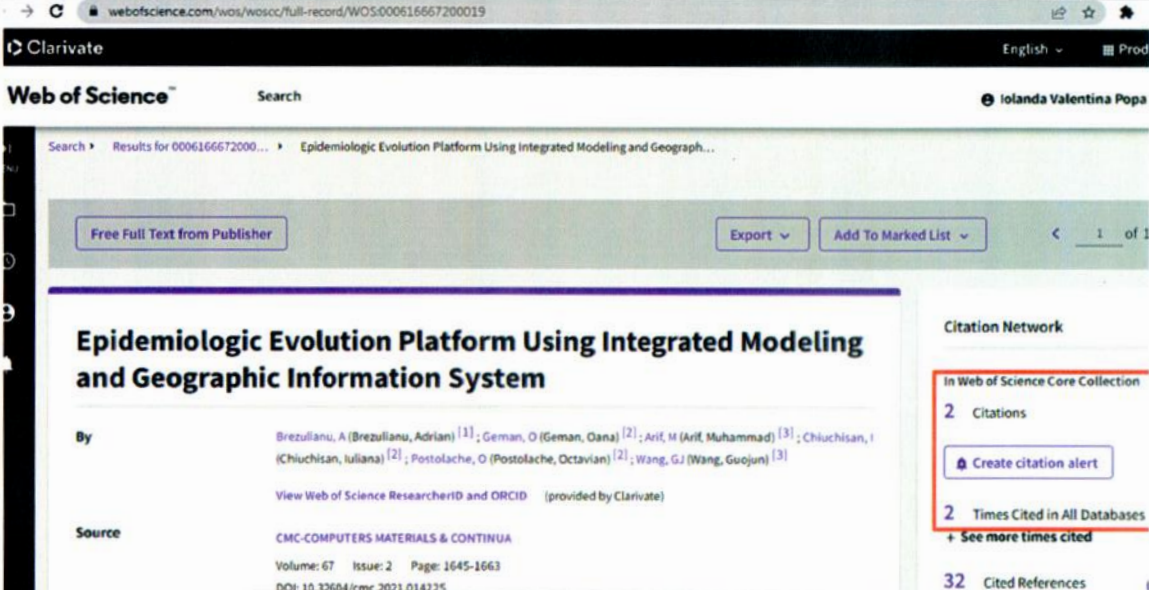
2	M Mukhtar, F Yunus, A Alqahtani, M Arif, A Brezulianu, O Geman (2022) "The Challenges and Compatibility of Mobility Management Solutions for Future Networks", <i>Appl. Sci.</i> 2022, 12(22), 11605; https://doi.org/10.3390/app122211605, Numar citari: 1	1 x 8/6 = 1.33 pct
 The screenshot displays the Web of Science record for the article "The Challenges and Compatibility of Mobility Management Solutions for Future Networks" by Mukhtar, M. et al. (2022). The record includes the title, authors, source (Applied Sciences-Basel), and citation metrics. A red box highlights the 'Citation' section, which indicates 1 citation in the Web of Science Core Collection and 1 time cited in all databases.		
3	K Hamid, M Waseem Iqbal, Q Abbas, M Arif, A Brezulianu, O Geman (2022) "Discovering Irregularities from Computer Networks by Topological Mapping", <i>Appl. Sci.</i> 2022, 12(23), 12051; https://doi.org/10.3390/app122312051 Numar citari: 1	1 x 8/6 = 1.33 pct

	 The screenshot shows the Web of Science interface for the article "Discovering Irregularities from Computer Networks by Topological Mapping". The article is by Hamid, K (Hamid, Khalid) [1]; Iqbal, MW (Iqbal, Muhammad Waseem) [2]; Abbas, Q (Abbas, Qaiser) [3]; [4]; Arif, M (Arif, Muhammad) [1]; Brezulanu, A (Brezulanu, Adrian) [5]; [6]; Geman, O (Geman, Oana) [7]. It is published in APPLIED SCIENCES-BASEL, Volume: 12, Issue: 23, with DOI: 10.3390/app122312051. The citation network on the right shows 1 citation and 1 time cited in all databases, with a "Create citation alert" button.	
4	Brezulianu A, Burlacu A, Popa IV, Arif M and Geman O (2022) "Not by Our Feeling, But by Other's Seeing": Sentiment Analysis Technique in Cardiology—An Exploratory Review. Front. Public Health 10:880207. doi: 10.3389/fpubh.2022.880207, https://www.frontiersin.org/articles/10.3389/fpubh.2022.880207/full Numar citari: 1	1 x 8/5 = 1.6 pct

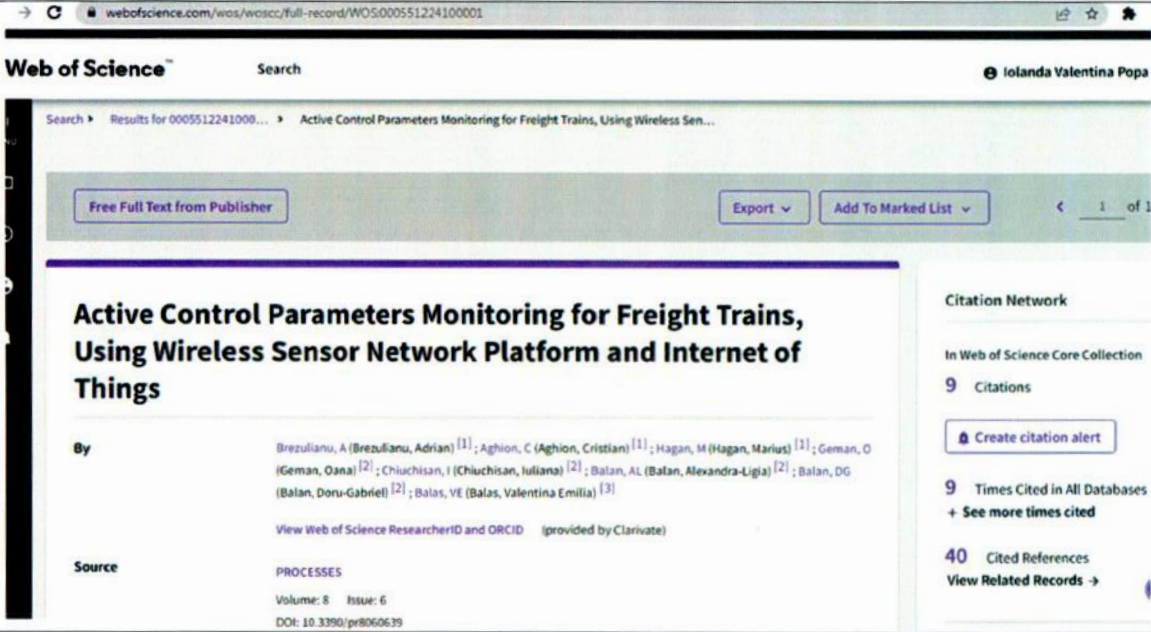
		
5	A Burlacu, C Brinza, A Brezulianu, A Covic, "Accurate and early detection of sleepiness, fatigue and stress levels in drivers through heart rate variability parameters: a systematic review", Reviews in cardiovascular medicine, vol. 22, 3, pp. 845-852, 2021, http://venus-pro-bucket.s3.amazonaws.com/journal/RCM/22/3/10.31083/j.rcm2203090/2153-8174-22-3-845.pdf Numar citari: 5	5 x 8/4 = 10 pct

		
6	Sebastian Balos, Daniel Howard, Adrian Brezilianu, Danka Labus Zlatanovi, "Perforated Plate for Ballistic Protection—A Review", Metals 2021, 11(4), 526, https://doi.org/10.3390/met11040526, https://www.mdpi.com/journal/metals Numar citari: 7	7 x 8/4 = 14 pct

Free Full Text from Publisher Full Text Links Export Add To Marked List 1 of 1 Perforated Plate for Ballistic Protection-A Review By Balos, S (Balos, Sebastian) [1] ; Howard, D (Howard, Daniel) [2] ; Brezulianu, A (Brezulianu, Adrian) [3] ; Zlatanovic, DL (Zlatanovic, Danka Labus) [1] , [4] View Web of Science ResearcherID and ORCID (provided by Clarivate) Source METALS Volume: 11 Issue: 4 DOI: 10.3390/met11040526 Article Number 526 Published APR 2021 Indexed 2021-05-24 Document Type Review Citation Network In Web of Science Core Collection 7 Citations Create citation alert 8 Times Cited in All Databases 7 In Web of Science Core Collection 0 In Arabic Citation Index 0 In BIOSIS Citation Index 2 In Chinese Science Citation Database™ 0 In Data Citation Index 0 In Russian Science Citation Index (i) 0 In Sciendo Citation Index 0 In Derwent Innovations Index 0 In ProQuest™ Dissertations & Theses Citation Index — See less times cited		
7	Brezulianu, O. Geman, M. Arif, I. Chiuchisan, O. Postolache, "Epidemiologic evolution platform using integrated modeling and geographic information system," Computers, Materials & Continua, vol. 67, no.2, pp. 1645–1663, 2021, https://www.techscience.com/cmc/v67n2/41317, https://www.techscience.com/journal/cmc Numar citari: 2	$2 \times 8/6 = 2.67 \text{ pct}$

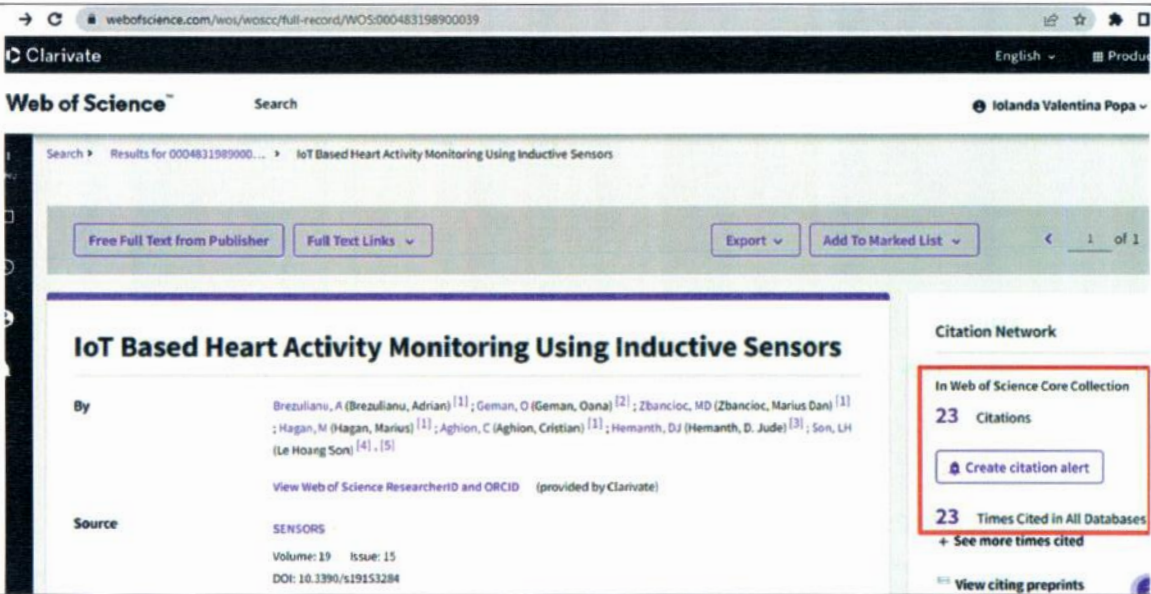
	 The screenshot shows the Web of Science interface. The article title is "Epidemiologic Evolution Platform Using Integrated Modeling and Geographic Information System". The authors listed are Brezulianu, A (Brezulianu, Adrian) [1]; Geman, O (Geman, Oana) [2]; Arif, M (Arif, Muhammad) [3]; Chiuchisan, I (Chiuchisan, Iuliana) [2]; Postolache, O (Postolache, Octavian) [2]; Wang, GJ (Wang, Guojun) [3]. The source is CMC-COMPUTERS MATERIALS & CONTINUA, Volume: 67, Issue: 2, Page: 1645-1663, DOI: 10.32604/cmc.2021.014225. On the right, the Citation Network section shows "2 Citations" and "2 Times Cited in All Databases".	
8	Muhammad Arif ,Guojun Wang, Oana Geman ,Valentina Emilia Balas, Peng Tao, Adrian Brezulianu, Jianer Chen, Applied Sciences 2020, 10, 9, SDN-based VANETs, Security Attacks, Applications, and Challenges, https://www.mdpi.com/2076-3417/10/9/3217 Numar citari: 29	$29 \times 8/7 = 33.14$ pct

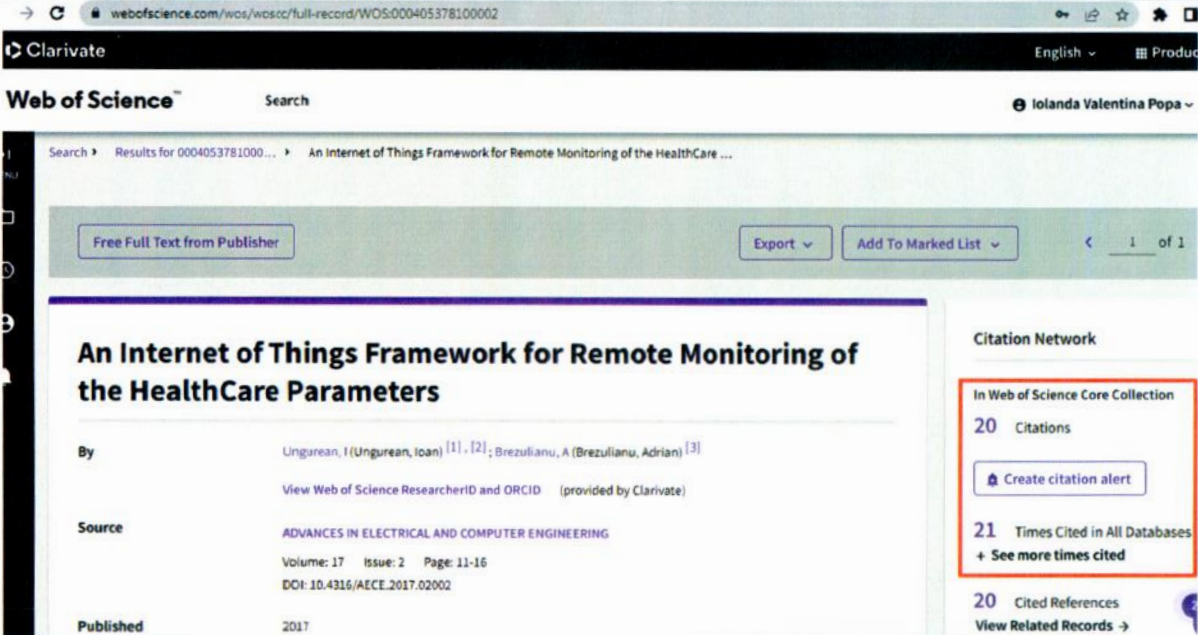
Free Full Text from Publisher Export Add To Marked List SDN-based VANETs, Security Attacks, Applications, and Challenges By Arif, M (Arif, Muhammad) ^[1]; Wang, GJ (Wang, Guojun) ^[1]; Geman, O (Geman, Oana) ^[2]; Balas, VE (Balas, Valentina Emilia) ^[3]; Tao, P (Tao, Peng) ^[1]; Brezulianu, A (Brezulianu, Adrian) ^[4]; Chen, JE (Chen, Jianer) ^[1] View Web of Science ResearcherID and ORCID (provided by Clarivate) Source APPLIED SCIENCES-BASEL Volume: 10 Issue: 9 DOI: 10.3390/app10093217 Article Number 3217 Published MAY 2020 Indexed 2020-06-12 Document Type Review Citation Network In Web of Science Core Collection 29 Citations Create citation alert 30 Times Cited in All Databases 29 In Web of Science Core Collection 0 In Arabic Citation Index 0 In BIOSIS Citation Index 0 In Chinese Science Citation Database™ 0 In Data Citation Index 0 In Russian Science Citation Index ⓘ 0 In ScELO Citation Index 0 In Derwent Innovations Index 1 In ProQuest™ Dissertations & Theses Citation Index – See less times cited		
9	Adrian Brezulianu; Cristian Aghion; Marius Hagan; Oana Geman; Iuliana Chiuchisan; Alexandra Balan; Doru Balan; Valentina Emilia Balas, Active Control Parameters Monitoring for Freight Trains, using Wireless Sensor Network Platform and Internet of Things, Processes, 2020, 8(6), 639, https://doi.org/10.3390/pr8060639 https://www.mdpi.com/journal/processes Numar citari: 9	9 x 8/6 = 12 pct

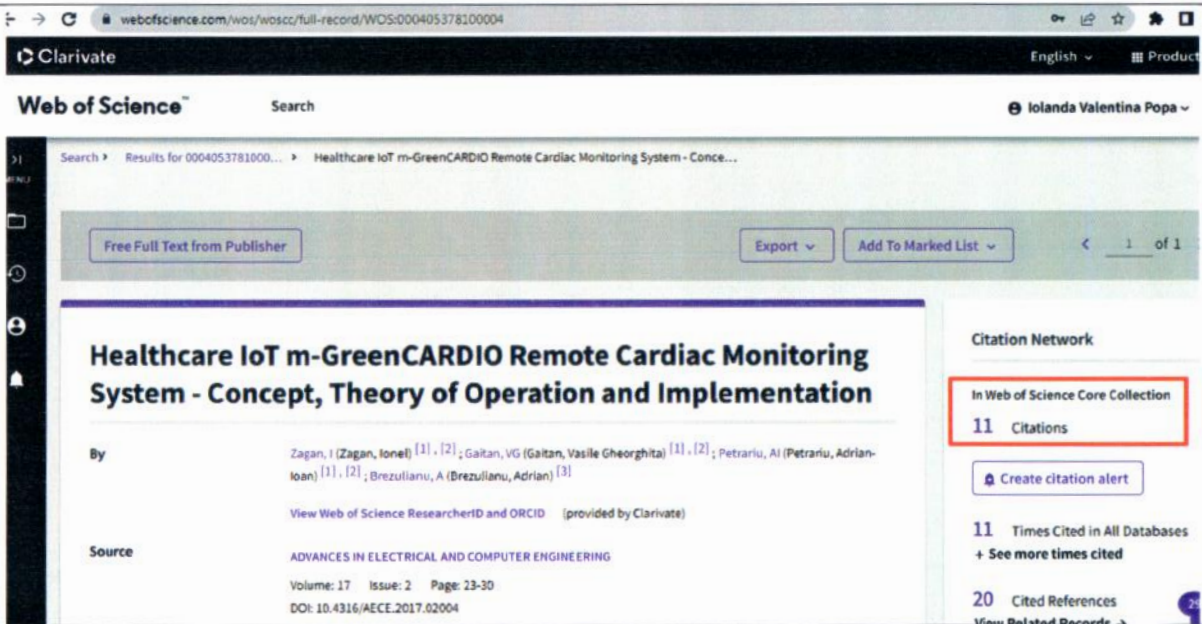
	 Web of Science™ Search Search Results for 0005512241000... Active Control Parameters Monitoring for Freight Trains, Using Wireless Sen... Free Full Text from Publisher Export Add To Marked List Active Control Parameters Monitoring for Freight Trains, Using Wireless Sensor Network Platform and Internet of Things By Brezilianu, A (Brezilianu, Adrian) [1]; Aghion, C (Aghion, Cristian) [1]; Hagan, H (Hagan, Marius) [1]; Geman, O (Geman, Oana) [2]; Chiuchisan, I (Chiuchisan, Iuliana) [2]; Balan, AL (Balan, Alexandra-Ligia) [2]; Balan, DG (Balan, Donu-Gabriel) [2]; Balas, VE (Balas, Valentina Emilia) [3] View Web of Science ResearcherID and ORCID (provided by Clarivate) Source PROCESSES Volume: 8 Issue: 6 DOI: 10.3390/pr8060639 Citation Network In Web of Science Core Collection 9 Citations Create citation alert 9 Times Cited in All Databases + See more times cited 40 Cited References View Related Records →	
10	I Zagan, VG Găitan, AI Petrariu, N Iuga, A Brezilianu, "Design, fabrication, and testing of an IoT healthcare cardiac monitoring device", Computers 9 (1), 15, https://www.mdpi.com/2073-431X/9/1/15 Numar citari: 5	5 x 8/5 = 8

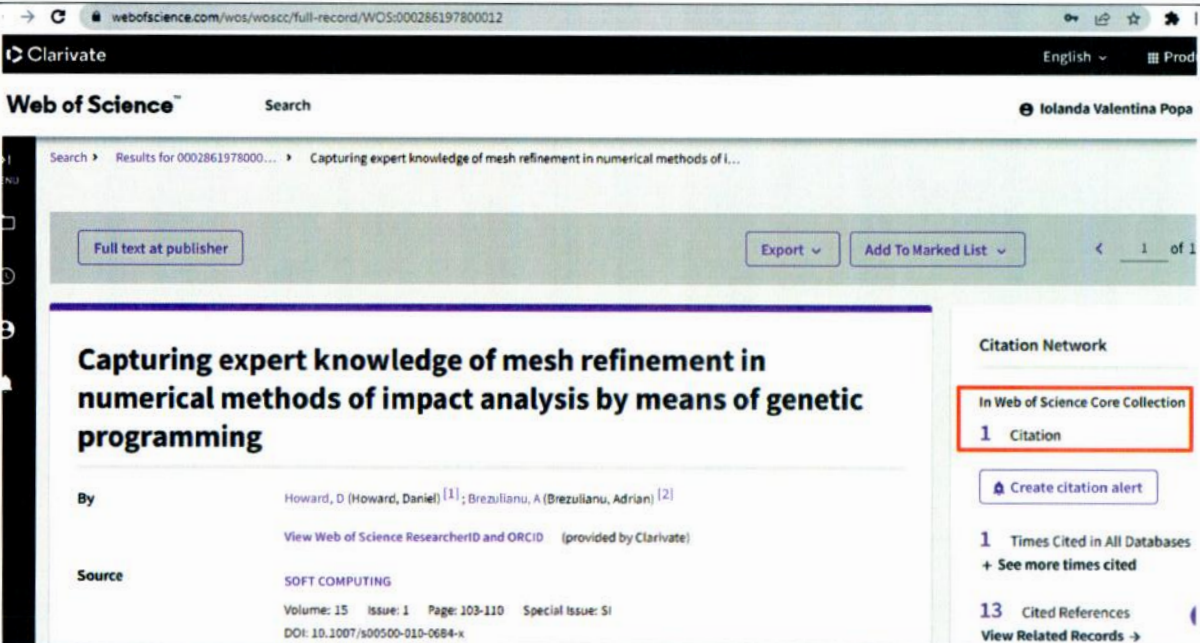
		
11	F Yoseph, NH Ahamed Hassain Malim, M Heikkilä, A Brezilianu, ..., "The impact of big data market segmentation using data mining and clustering techniques", Journal of Intelligent & Fuzzy Systems 38 (5), 6159-6173, https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs179698 Numar citari: 13	$13 \times 8/6 = 17.33$

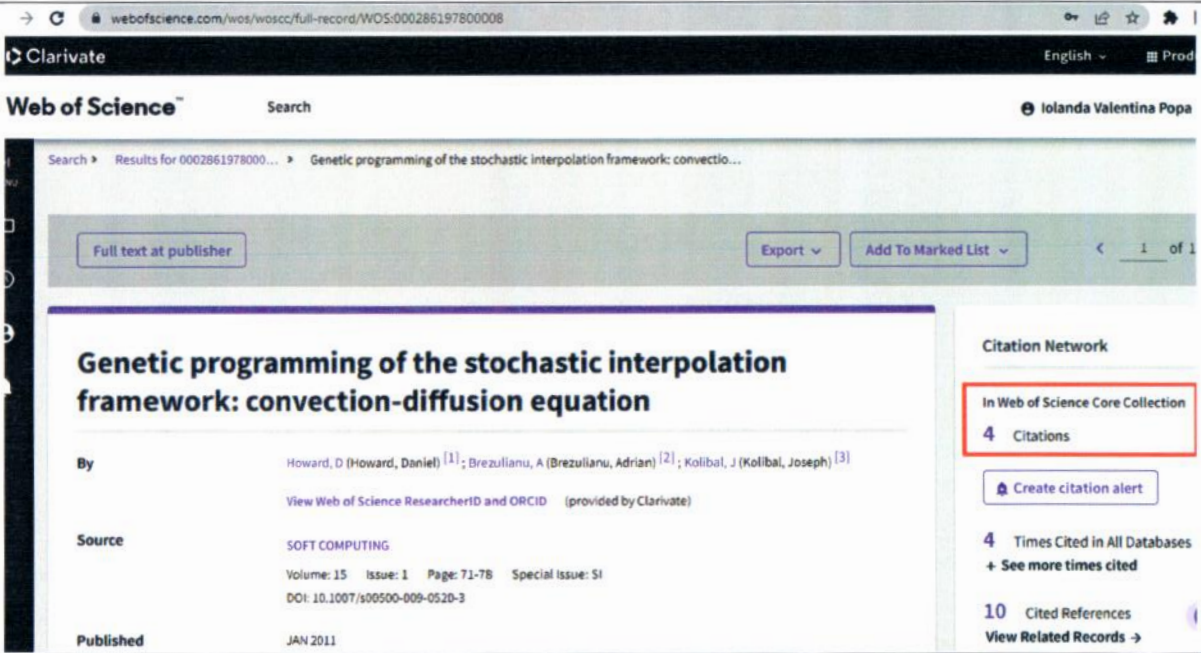
	 The screenshot shows a Web of Science record page. The title is "The impact of big data market segmentation using data mining and clustering techniques". The authors listed are Yoseph, F (Yoseph, Fahed) [1], [2]; Mallim, NHAH (Mallim, Nurul Hashimah Ahamed Hassain) [2]; Heikkilä, M (Heikkilä, Markku) [1]; Brezulianu, A (Brezulianu, Adrian) [3]; Geman, O (Geman, Oana) [4]; Rostam, NAP (Rostam, Nur Aqilah Paskhal) [2]. The source is JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Volume: 38, Issue: 5, Page: 6159-6173, DOI: 10.3233/JIFS-179698, Published: 2020, Indexed: 2020-07-06, Document Type: Article. On the right, the Citation Network section shows 13 Citations, 15 Times Cited in All Databases, and a breakdown of citations in various indices: 13 in Web of Science Core Collection, 0 in Arabic Citation Index, 0 in BIOSIS Citation Index, 0 in Chinese Science Citation Database™, 0 in Data Citation Index, 0 in Russian Science Citation Index, 0 in Sciendo Citation Index, 0 in Derwent Innovations Index, and 2 in ProQuest™ Dissertations & Theses Citation Index. A red box highlights the citation counts.	
12	A Brezulianu, O Geman, MD Zbancioc, M Hagan, C Aghion, DJ Hemanth, ..., "IoT based heart activity monitoring using inductive sensors", Sensors 19 (15), 3284, https://www.mdpi.com/1424-8220/19/15/3284 Numar citari: 23	$23 \times 8/7 = 26.29$

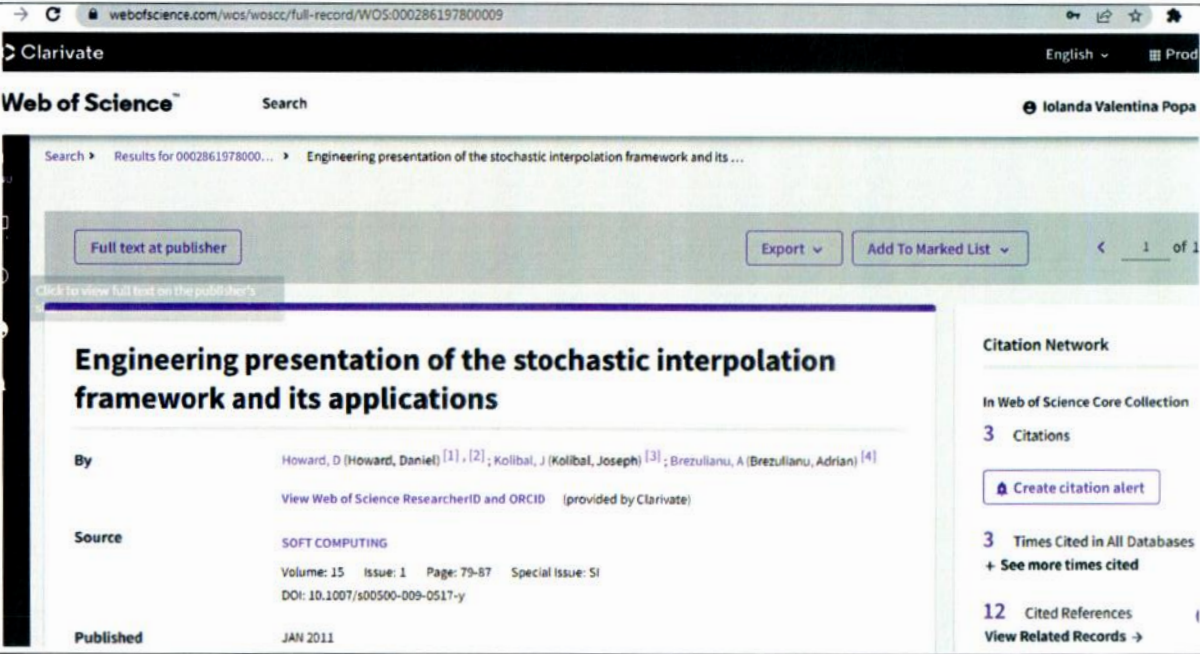
	 The screenshot shows the Web of Science interface for the article "IoT Based Heart Activity Monitoring Using Inductive Sensors" by Brezilianu, A. et al. The article is highlighted with a red box. The citation network shows 23 citations and 23 times cited in all databases.	
13	L Ungurean, A Brezilianu, "An internet of things framework for remote monitoring of the healthcare parameters", Advances in Electrical and Computer Engineering 17 (2), 11-16, https://www.researchgate.net/profile/Ioan-Ungurean/publication/317331372_An_Internet_of_Things_Framework_for_Remote_Monitoring_of_the_HealthCare_Parameters/links/595dbfc7aca27230850d1031/An-Internet-of-Things-Framework-for-Remote-Monitoring-of-the-HealthCare-Parameters.pdf Numar citari: 20	$20 \times 8/2 = 80$

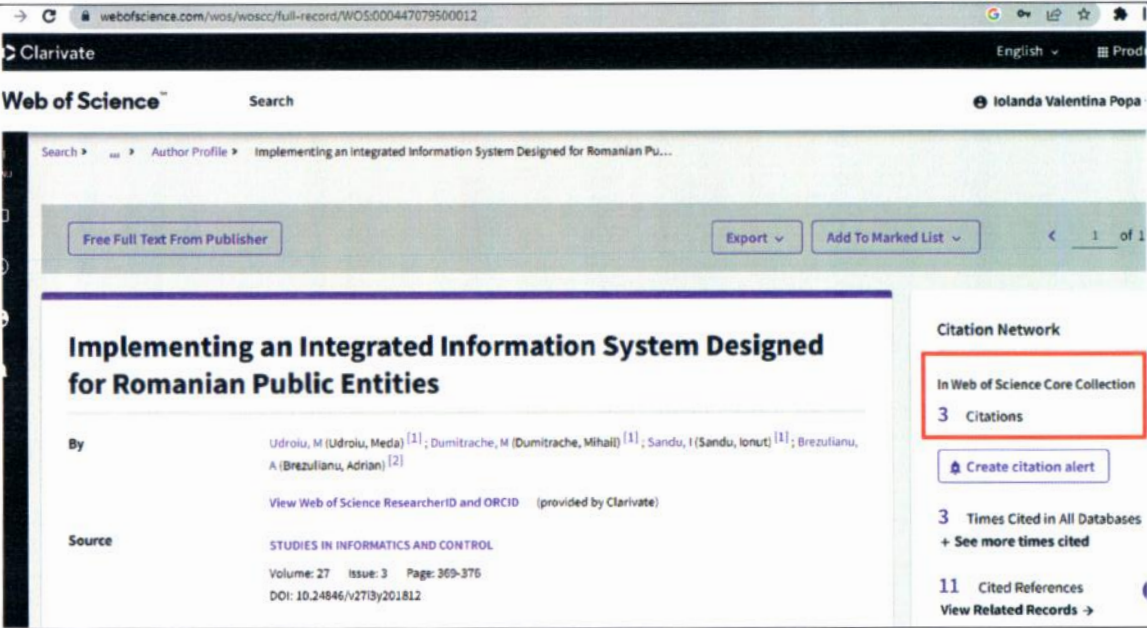
		
14	I Zagan, VG Gaitan, AI Petrariu, A Brezulianu, "Healthcare IoT m-GreenCARDIO Remote Cardiac Monitoring System–Concept, Theory of Operation and Implementation", Advances in Electrical and Computer Engineering 17 (2), 23-30, https://www.proquest.com/openview/bf64fa43a81e5e61eda81ccb13e702eb/1?pq-origsite=gscholar&cbl=2049588 Numar citari: 11	$11 \times 8/4 = 22$

		
15	D Howard, A Brezulianu, "Capturing expert knowledge of mesh refinement in numerical methods of impact analysis by means of genetic programming", Soft Computing 15, 103-110, https://link.springer.com/article/10.1007/s00500-010-0684-x Numar citari: 1	$1 \times 8/2 = 4$

	 The screenshot displays the Web of Science interface for a specific article. The article title is "Capturing expert knowledge of mesh refinement in numerical methods of impact analysis by means of genetic programming". The authors listed are Howard, D (Howard, Daniel) and Brezulianu, A (Brezulianu, Adrian). The source is identified as "SOFT COMPUTING", Volume 15, Issue 1, Pages 103-110. The citation network on the right indicates that the article is in the Web of Science Core Collection and has 1 citation. There are also options to create a citation alert and view related records.	
16	D Howard, A Brezulianu, J Kolibal, "Genetic programming of the stochastic interpolation framework: convection-diffusion equation", Soft Computing 15, 71-78, https://link.springer.com/article/10.1007/s00500-009-0520-3 Numar citari: 4	$4 \times 8/3 = 10.67$

		
17	D Howard, J Kolibal, A Brezulianu, "Engineering presentation of the stochastic interpolation framework and its applications", Soft Computing 15, 79-87, https://link.springer.com/article/10.1007/s00500-009-0517-y Numar citari: 3	$3 \times 8/3 = 8$

		
18	M Udroi, M Dumitrache, I Sandu, A Brezulianu. Implementing an integrated information system designed for Romanian public entities, <i>Studies in Informatics and Control</i>, 2018, 27 (3), 369-376 Numar citari: 3	$3 \times 8/4 = 6$

		
19	M-GreenCARDIO embedded system designed for out-of-hospital cardiac patients I Zagan, VG Gaitan, N Iuga, A Brezulanu. 2018. International conference on development and application systems. Numar citari: 5	5 x 8/4 = 10 pct

webofscience.com/wos/woscc/full-record/WOS:000467080400003

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By Zagan, I (Zagan, Ionel) [1], [2]; Gaitan, VG (Gaitan, Vasile Gheorghita) [1], [2]; Iuga, N (Iuga, Nicolai) [1]; Brezulanu, A (Brezulanu, Adrian) [3]

Book Group Author IEEE

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Source 2018 14TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS)
Page: 11-17

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5 Citations

Create citation alert

5 Times Cited in All Databases
+ See more times cited

13 Cited References
View Related Records →

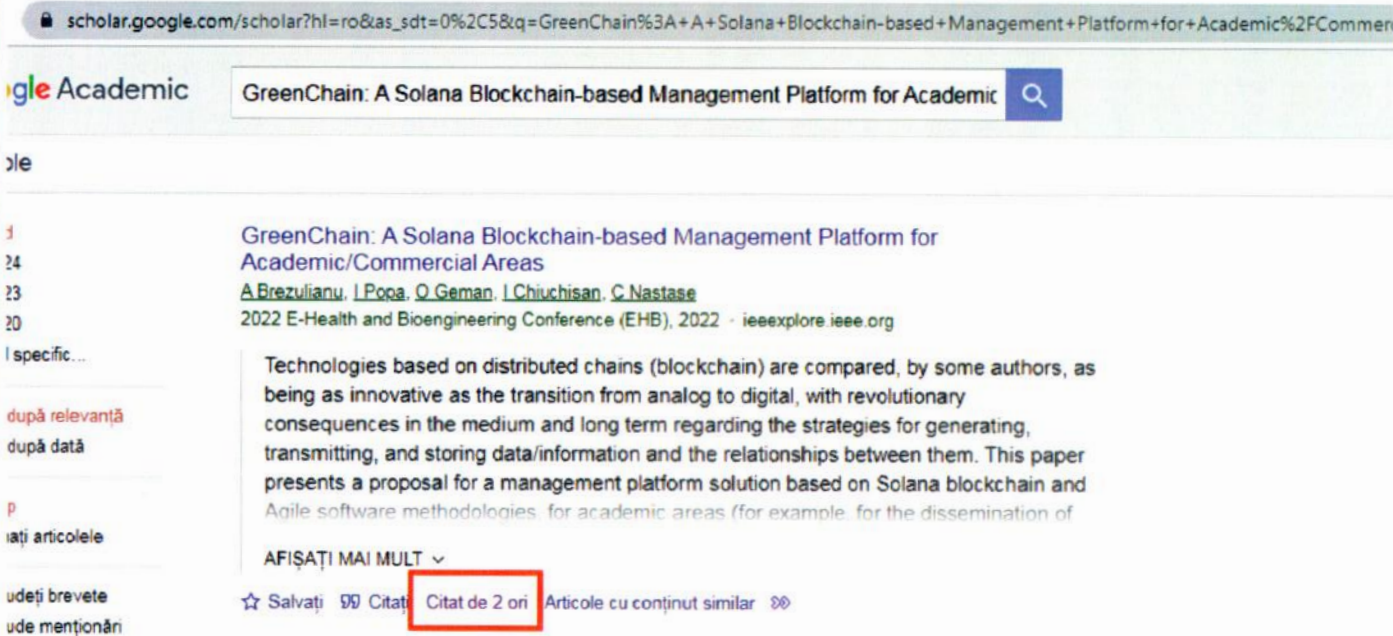
20	HN Teodorescu, D Mlynek, A Kandel, I Ropota, C Teodorescu, C Posa, A Brezulanu, R Ciorap. Analysis of chaotic movements and fuzzy assessment of hands tremor in rehabilitation, 1998 Second International Conference. Knowledge-Based Intelligent Electronic Systems.	11 x 8/8 = 11
	Numar citari: 11	

		
	TOTAL	280,69 pct

Calcul punctaj: 280,69 pct.

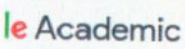
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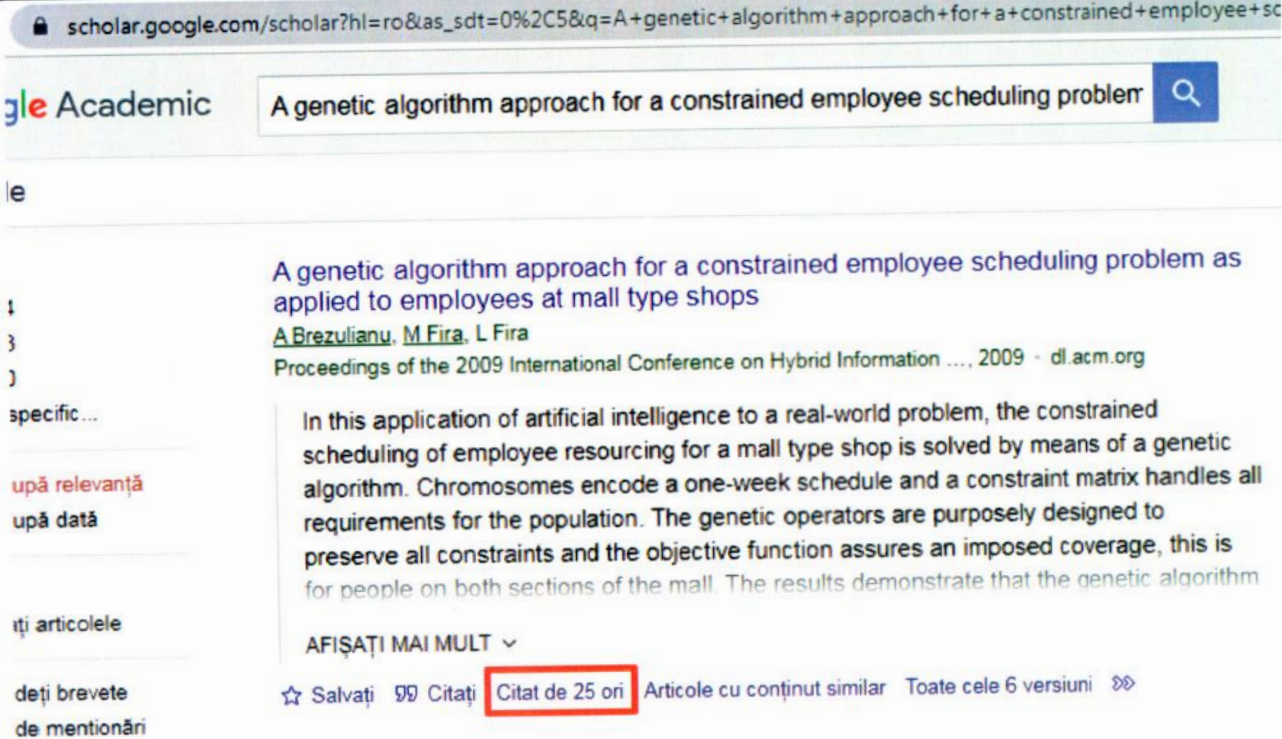
Citari in carti, articole BDI		
Nr.	Citare articol cotat BDI	Punctaj

1	A Brezulianu, I Popa, O Geman, I Chiuchisan, C Nastase - <i>GreenChain: A Solana Blockchain-based Management Platform for Academic/Commercial Areas</i>, 2022 E-Health and Bioengineering Conference (EHB), pp. 1-5 Numar citari: 2 	2 x 4/6 = 1.34 pct
2	A Brezulianu, M Fira - <i>Integrated Information System of Monitoring and Management for Heart Centers</i>, INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ARTIFICIAL INTELLIGENCE 1 (5) Numar citari: 1	1 x 4/2 = 2 pct

	scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Integrated+Information+System+of+Monitoring+and+Management+for+ le Academic Integrated Information System of Monitoring and Management for Heart Cent [PDF] Integrated Information System of Monitoring and Management for Heart Centers A Brezulianu, M Fira INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ARTIFICIAL INTELLIGENCE, 2012 - CiteSeer pecific... ipă relevanță ipă dată i articolele eti brevete e menționări Abstract The integrated information system presented in this paper is focused on increasing the quality of the medical services offered to the patients by rendering the activities more efficient and by corroborating the family doctors and the cardiologists' efforts. In order to accomplish the mentioned objectives we propose implementing an integrated information system by means of which the integrated management of the medical data will be done. In addition, it has been offered a collaborative instrument patient oriented, that it will be used AFIȘAȚI MAI MULT ▾ ☆ Salvați Citați Citat de 1 ori Articole cu conținut similar Toate cele 4 versiuni	
3	A Brezulianu, L Fira, M Fira - A genetic algorithm approach for scheduling of resources in well-services companies, International Journal of Advanced Research in Artificial Intelligence 1 (5), 1-6 Numar citari: 14	14 x 4/3 = 18.67 pct

	scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=A+genetic+algorithm+approach+for+scheduling+of+resources+in+v le Academic A genetic algorithm approach for scheduling of resources in well-services con e [PDF] A genetic algorithm approach for scheduling of resources in well-services companies A Brezulianu, L Fira, M Fira International Journal of Advanced Research in Artificial Intelligence, 2012 · researchgate.net specific... upă relevanță upă dată ți articolele deți brevete de menționări researchgate.net ☆ Salvați Citati Citat de 14 ori Articole cu conținut similar Toate cele 6 versiuni »»	
4	A Brezulianu, I Ciocoiu, M Fira - <i>Electrocardiographic signal processing applications in telemedicine</i>, Handbook of research on developments in e-health and telemedicine: Technological and social perspectives. IGI Global, 2010. 219-246. Numar citari: 3	3 x 4/3 = 4 pct

	scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=Electrocardiographic+signal+processing+applications+in+telemedicine&btr  Electrocardiographic signal processing applications in telemedicine  3 pecific... pă relevanță pă dată articolele eti brevete e menționări Electrocardiographic signal processing applications in telemedicine A Brezulianu, I Ciocoiu, M Fira Handbook of research on developments in e-health and telemedicine ..., 2010 - igi-global.com Abstract The chapter focuses on telecardiology, as a significant example of telemedicine applications. Essential elements regarding the benefits and importance of telemedicine are presented first, followed by the introduction of specific telecardiology terminology, theoretical grounds, and existing practical applications. In the final part of the chapter new practical approaches are outlined, mainly related to modern signal processing tools such as wavelet analysis and neural networks.  IGI Global ☆ Salvați  Citați Citat de 3 ori Articole cu conținut similar Toate cele 2 versiuni 
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Calcul punctaj: 59,35 pct.

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