

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE AUTOMATICĂ ȘI CALCULATOARE
DEPARTAMENTUL DE AUTOMATICĂ ȘI INFORMATICĂ APLICATĂ

Concurs pentru ocuparea postului de conferențiar universitar, poz. 14

Disciplinele postului: Programare independentă de platformă

Sisteme de inteligență artificială distribuite

Robotică

FIȘA DE VERIFICARE
a îndeplinirii standardelor minimele naționale de prezentare la concurs pentru postul de
conferențiar universitar

publicat în Monitorul Oficial al României nr. 395 din data de 28.11.2024

Candidat: PASCAL Carlos-Mihai / Data nașterii: 29.04.1983

Funcția actuală: Șef lucrări, Data numirii în funcția actuală: 1.10.2012

Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași

Se preia tabelul și definițiile corespunzătoare domeniului științific aferent, conform Anexei PO.DID.12_A1.3.
(Modul de îndeplinire a standardelor minimele naționale va fi prezentat în mod explicit și va trebui însoțit de dovezi)

Data: 28.12.2024

Candidat

Pascal Carlos-Mihai

(Nume prenume și semnătura)



UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE AUTOMATICĂ ȘI CALCULATOARE
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Ramura de știință: Ingineria sistemelor, calculatoare și tehnologia informației

FIȘA DE VERIFICARE

pentru postul de conferențiar

Cadru didactic: Pascal Carlos-Mihai / Data nașterii: 29.04.1983 Funcția actuală: Șef lucrări

Data numirii în funcția actuală: 1.10.2012

Nr. crt.	Domeniul activităților	Subcategorii			Realizări conform listei de lucrări	Punctaj	
1	Activitatea didactică și profesională (A1)	A1.1. Cărți de autor sau capitole [1] de specialitate la edituri cu ISBN	A1.1. Cărți/monografii	A1.1.1 (internationale)	Ci1 - Ci8	47.92	
				A1.1.2 (naționale)	Cn1	50.00	
		A1.2. Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2	M1 - M1	20.00	
2	Activitatea de cercetare (A2)	A2.1. Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI	A2.1	A2.1	ISI1 - ISI29	693.67	
		A2.2 Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4]					A2.2.
		A2.3 Proprietate intelectuală, brevete de invenție, certificate ORDA	A2.3.1 (internationale - [5]) A2.3.2 (naționale - OSIM)	A2.3.1 (internationale - [5]) A2.3.2 (naționale - OSIM)	A2.4.1.1 (internationale)	A2.4.1.2 (naționale)	0.00
		A2.4. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau					0.00
						Pdn1 - Pdn2	20.00

	Contracte cu agenți economici în valoare de minimum 10000 dolari USA echivalent încasați [6]	A2.4.2. Membru în echipă	A2.4.2.1 (internaționale)		4.00	
			A2.4.2.2 (naționale)		20.00	
3	Recunoașterea și impactul activității (A3)	A3.1. Citări [7] în cărți, reviste și volume ale unor manifestări științifice	A3.1.1 Cărți, ISI [8]		(conform tabel citări)	380.40
			A3.1.2 BDI [4]		(conform tabel citări)	40.67
		A3.2. Membru în colectivele de redacție sau comitetele științifice al revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	A3.2 (ISI)		membru în organizare ICSTCC (2017, 2021) - co-chair ICSTCC 2021	30.00
		A3.3. Membru în colectivele de redacție sau comitetele științifice al revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI [4]	A3.3 (BDI)		membru în organizare ICSTCC 2014	6.00
		A3.4. Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu	A3.4.			0.00

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Numele și prenumele, semnătura: PASCAL Carlos-Mihai



Anexa 1. Condiții minimale

Nr. crt.	Domeniul de activitate	Conferențiar	Cadru didactic	Criteriu neîndeplinit
A1	Activitatea didactică / profesională (A1)	50	117.92	
A2	Activitatea de cercetare (A2)	300	799.33	
A3	Recunoașterea impactului activității (A3)	50	457.07	
Total (A)		400	1374.32	
Scor J			3.44	

Condiții minimale obligatorii pe subcategorii	Conferențiar	Cadru didactic	Criteriu neîndeplinit
A1.1.1 – A1.1.2	1	9	
A2.1	6	29	
A2.4.1	1	5	
A3.1.1	1	2	
	10	94	
	4	35.5	

Data: 28.12.2024

Numele și prenumele, semnătura PASCAL Carlos-Mihai



Anexa 2. Lista de lucrări

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
A.1.1.1. Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN din străinătate	Ci1	Pascal, C., Panescu, D. (2023). On Practical Activities for Education in Industry 4.0. In: Borangiu, T., Trentesaux, D., Leitão, P. (eds) Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future. SOHOMA 2022. Studies in Computational Intelligence, vol 1083. Springer, Cham. https://doi.org/10.1007/978-3-031-24291-5_21 , ISBN:978-3-031-24290-8, https://www.worldcat.org/title/1369158843	2		6.25
	Ci2	Pascal, C., Pănescu, D. (2022). Applying Learning-Assisted Systems in Manufacturing. In: Borangiu, T., Trentesaux, D., Leitão, P., Cardin, O., Joblot, L. (eds) Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future. SOHOMA 2021. Studies in Computational Intelligence, vol 1034. Springer, Cham. https://doi.org/10.1007/978-3-030-99108-1_5 , ISBN:978-3-030-99107-4, https://www.worldcat.org/title/1327602499	2		6.25
	Ci3	Pascal, C., Pănescu, D., Dosoftei, C. (2021). About the Applicability of IoT Concept for Classical Manufacturing Systems. In: Borangiu, T., Trentesaux, D., Leitão, P., Cardin, O., Lamouri, S. (eds) Service Oriented, Holonic and Multi-Agent Manufacturing Systems for Industry of the Future. SOHOMA 2020. Studies in Computational Intelligence, vol 952. Springer, Cham. https://doi.org/10.1007/978-3-030-69373-2_2 , ISBN:978-3-030-69372-5, https://www.worldcat.org/title/1241445040	3		4.17
	Ci4	Pascal, C., Panescu, D. (2018). On Increasing Adaptability of Holonic Systems. In: Borangiu, T., Trentesaux, D., Thomas, A., Cardin, O. (eds) Service Orientation in Holonic and Multi-Agent Manufacturing. Studies in Computational Intelligence, vol 762. Springer, Cham. https://doi.org/10.1007/978-3-319-73751-5_17 , ISBN:978-3-319-73750-8, https://www.worldcat.org/title/1021246453	2		6.25
	Ci5	Panescu, D., Pascal, C. (2016). A Synchronous CNP-Based Coordination Mechanism for Holonic Manufacturing Systems. In: Borangiu, T., Trentesaux, D., Thomas, A., McFarlane, D. (eds) Service Orientation in Holonic and Multi-Agent Manufacturing. Studies in Computational Intelligence, vol 640. Springer, Cham. https://doi.org/10.1007/978-3-319-30337-6_16 , ISBN:978-3-319-30335-2, https://www.worldcat.org/title/945632548	2		6.25

	Ci6	Panescu, D., Pascal, C. (2014) . An Extended Contract Net Protocol with Direct Negotiation of Managers. In: Borangiu, T., Trentesaux, D., Thomas, A. (eds) Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics. Studies in Computational Intelligence, vol 544. Springer, Cham. https://doi.org/10.1007/978-3-319-04735-5_6 , ISBN:978-3-319-04734-8, https://www.worldcat.org/title/870427665	2	6.25
	Ci7	Pascal, C., Panescu, D. (2013) . HAPBA - A BDI Agent Based Solution for Holonic Manufacturing Execution Systems. In: Borangiu, T., Thomas, A., Trentesaux, D. (eds) Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics. Studies in Computational Intelligence, vol 472. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-35852-4_4 , ISBN:978-3-642-35851-7, https://www.worldcat.org/title/994883225	2	6.25
	Ci8	Panescu, D., Pascal, C. (2012) . HAPBA – A Holonic Adaptive Plan-Based Architecture. In: Borangiu, T., Thomas, A., Trentesaux, D. (eds) Service Orientation in Holonic and Multi-Agent Manufacturing Control. Studies in Computational Intelligence, vol 402. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-27449-7_5 , ISBN 978-3-642-27448-0, https://www.worldcat.org/title/785153893	2	6.25
A.1.1.2. Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN din țară	Cn1	Pascal, C., Abordare metodologică a modelării și simulării arhitecturilor bazate pe agenți , Iași, ISBN , 2024, 83 pagini	1	47.92
				50.00
				0.00
				0.00
				50.00
A1.2.1. Material didactic / Lucrări didactice publicate în edituri cu ISBN	M1	Panescu D., Pascal C., Programare bazată pe reguli, Îndrumar de laborator , Editura Conspress, București, ISBN 978-973-100-258-3, 2013, 100 pagini	2	20.00
				20.00
ISI1	Total A1.2			
	Bejenar I, Ferariu L, Pascal C , Caruntu CF, Aggregation Methods Based on Quality Model Assessment for Federated Learning Applications: Overview and Comparative Analysis, Mathematics, 11(22), 4610; https://doi.org/10.3390/math11224610 , 2023 (Fi2023:2.3 – Q1) WOS:001168808200001			
ISI2	Lazar RG, Militaru AV, Caruntu CF, Pascal C , Patachia-Sultanoiu C, Real-time data measurement methodology to evaluate the 5G network performance indicators. <i>IEEE Access</i> , 2023. (Fi2023:3.4 – Q2) WOS:000986552300001			

ISI3	Doroftei I, Chirita D, Stamate C, Cazan S, Pascal C , Burlacu A, Robotic system design and development for automated dismantling of PCB waste. <i>Industrial Robot: the international journal of robotics research and application</i> , 2021 . (Fi2020:1.352 – Q3) WOS:000624070800001	6	1.9	13.67
ISI4	Pascal C , Panescu D, On rescheduling in holonic manufacturing systems, <i>Computers in Industry</i> , vol. 104, pp.34-46, 10.1016/j.compind.2018.09.010, 2019 . (Fi2019:3.954 – Q1) WOS:000455069900004	2	8.2	135.50
ISI5	Pascal C , Panescu D, A colored Petri net model for DisCSP algorithm, <i>Concurrency and Computation - Practice and Experience</i> , vol. 29(18), 10.1002/cpe.4179, 2017 . (Fi2017 1.114 – Q3) WOS:000408128100005	2	2	42.50
ISI6	Panescu D, Pascal C , Holonic coordination obtained by joining the contract net protocol with constraint satisfaction, <i>Computers in Industry</i> , vol. 81, pp 36-46, doi:10.1016/j.compind.2015.08.010, 2016 . (Fi2016 2.691 – Q1) WOS:000378954700004	2	8.2	135.50
ISI7	Panescu D, Pascal C , On a holonic adaptive plan-based architecture: planning scheme and holons' life periods, <i>The International Journal of Advanced Manufacturing Technology</i> , vol. 63, Numbers 5-8, 753-769, doi: 10.1007/s00170-012-3930-9, Springer, London, 2012 . (Fi2012 1.205 – Q2) WOS:000310320800028 - November	2	2.9	56.00
ISI8	Pascal C , Panescu D, Modeling a Holonic Agent based Solution by Petri Nets, <i>Computer Science and Information Systems</i> , vol. 9(3), ISSN 1287-1306, doi: 10.2298/CSIS111223031P, pg. 1287-1305, 2012 . (Fi2012 0.549 – Q4) WOS:000309649500013 September	2	1.2	30.50
ISI9	Panescu D, Kloetzer M, Burlacu A, Pascal C , Artificial Intelligence based Solutions for Cooperative Mobile Robots, <i>Control Engineering and Applied Informatics Journal</i> , vol. 14(1), pg 74-82, 2012 . (Fi2012 0.202 – Q4) WOS:000302506600010	4	0.4	9.25
ISI10	Cleju, N., Pascal C , Comsa, C.R., Caruntu, C.F., Ciocoiu, I.B., Patachia-Sultanoiu, C. and Mihai, R., Towards Efficient Urban Mobility: Deployment Strategies for Smart Traffic Management and Crowd Monitoring Systems. In 2024 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) (pp. 997-1002). IEEE, 2024 , WOS: 001275093600065	7	0.25	4.64
ISI11	Bejenar I, Ferariu L, Pascal C , Caruntu CF, FedAcc and FedAccSize: Aggregation Methods for Federated Learning Applications, 31st Mediterranean Conference on Control and Automation (MED), pp. 593-598, IEEE, 2023 , doi:10.1109/MED59994.2023.10185810, WOS:001042336800095	4	0.25	8.13

ISI12	Mihalcea MA, Pascal C , Alupoaei SI, A View of the 5G Network in Iasi City for Automotive. In 2022 26th International Conference on System Theory, Control and Computing (ICSTCC), pp. 601-606, IEEE, doi:10.1109/ICSTCC55426.2022.9931887, 2022 WOS:000889980600101	3	0.25	10.83
ISI13	Lipovanu I, Pascal C , A rule-based enhancement of a vision guided, collision-free robotic application. In 25th International Conference on System Theory, Control and Computing (ICSTCC), pp. 559-563, IEEE, doi:10.1109/ICSTCC52150.2021.9607077, 2021 WOS:000859487900092	2	0.25	16.25
ISI14	Caruntu CF, Pascal C , Ferariu L, Comsa CR, Trajectory optimization through connected cooperative control for multiple-vehicle flocking. In 28th Mediterranean Conference on Control and Automation (MED), pp. 915-920, IEEE. 2020 WOS:000612207700149	4	0.25	8.13
ISI15	Zamfirescu I, Pascal C , Modelling and simulation of an omnidirectional mobile platform with robotic arm in CoppeliaSim. In 24th International Conference on System Theory, Control and Computing (ICSTCC), pp. 667-672. IEEE. 2020 WOS:000646582900110	2	0.25	16.25
ISI16	Pascal C , Lipovanu I, Rule-based extension through IoT for a robotized application. In 24th International Conference on System Theory, Control and Computing (ICSTCC), pp. 559-563. IEEE, 2020 . WOS:000646582900092	2	0.25	16.25
ISI17	Caruntu CF, Pascal C , Maxim A, Pauca O, Bio-inspired Coordination and Control of Autonomous Vehicles in Future Manufacturing and Goods Transportation. <i>IFAC-PapersOnLine</i> , 53(2), pp.10861-10866, 2020 , WOS:000652593100331	4	0.25	8.13
ISI18	Caruntu CF, Ferariu L, Pascal C , Cleju N, Comsa CR, Connected cooperative control for multiple-lane automated vehicle flocking on highway scenarios. In 23rd International Conference on System Theory, Control and Computing (ICSTCC), pp. 791-796, 2019 . IEEE. WOS:000465109800106	5	0.25	6.50
ISI19	Dosoftei CC, Lupu A, Pascal C , A new approach to create a realistic virtual model of a cylindrical robot using Automation Studio. In IOP Conference Series: Materials Science and Engineering, Vol. 591, No. 1, p. 012078., IOP Publishing, 2019 WOS:000562929900078	3	0.25	10.83
ISI20	Caruntu CF, Ferariu L, Pascal C , Cleju N, Comsa CR, A concept of multiple-lane vehicle grouping by swarm intelligence. In 24th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA), pp. 1183-1188, IEEE, 2019 WOS:000556596600152	5	0.25	6.50
ISI21	Pascal C , Raveica LO, Panescu D, Robotized application based on deep learning and Internet of Things. In 22nd International Conference on System Theory, Control and Computing (ICSTCC), pp. 646-651, IEEE, doi:10.1109/ICSTCC.2018.8540714, 2018 . WOS:000465109800106	3	0.25	10.83

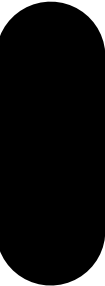
	ISI22	Pascal C, Panescu D, On improving efficiency of DisCSP Methods, 21st International Conference on System Theory, Control and Computing (ICSTCC), pg. 82-87, doi.org/10.1109/ICSTCC.2017.8107015, 2017. WOS:000427419900013	2	0.25	16.25
	ISI23	Pascal C, Panescu D, On Applying DisCSP for Scheduling in Holonic Systems, 20th International Conference on System Theory, Control and Computing (ICSTCC), pg. 423-428, 2016. WOS:000391609900072	2	0.25	16.25
	ISI24	Panescu D, Pascal C, Olaeru RM, A Rule-Based Approach for a Multi-Robot Application, Proceedings of 19th International Conference on System Theory, Control, and Computing (ICSTCC), pp. 75-80, INSPEC, 2015, doi: 10.1109/ICSTCC.2015.7321272, WOS:000382384100013	3	0.25	10.83
	ISI25	Pascal C, Panescu D, A Petri Net Model for Constraint Satisfaction Application in Holonic Systems, 2014 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), ISBN: 978-1-4799-3731-8, DOI: 10.1109/AQTR.2014.6857900, 2014. WOS:000346131600066	2	0.25	16.25
	ISI26	Panescu D, Pascal C, A constraint satisfaction approach for planning of multi-robot systems. In 2014 18th International Conference on System Theory, Control and Computing (ICSTCC) (pp. 157-162). IEEE, 2014 WOS:000704338900028	2	0.25	16.25
	ISI27	Burlacu A, Copot C, Panainte A, Pascal C, Lazar C, 2011, March. Real-time Image based Visual Servoing Architecture for Manipulator Robots. In VISAPP (pp. 502-510). WOS:000393718200071	5	0.25	6.50
	ISI28	Panescu D, Varvara G, Pascal C, Sutu M, 2009, April. On the design and implementation of the resource holons in a PROSA based architecture. In 2009 International Conference on Intelligent Engineering Systems (pp. 101-106). IEEE. WOS:000270809000016	4	0.25	8.13
	ISI29	Panescu D, Pascal C, Sutu M, Varvara G, 2009, July. Collaborative robotic system obtained by combining planning and holonic architecture. In 2009 Advanced technologies for enhanced quality of life (pp. 138-143). IEEE. WOS:000273611600034	4	0.25	8.13
	Total A2.1			35.5	693.67
	BDI1	Militaru, A.V., Lazar, R.G., Pascal, C., Comsa, C.R., Bogdan, I. and Caruntu, C.F., 2024, November. Validation of Real-world Measurements Through Ray Tracing Simulation for 5G Urban Scenarios. In 2024 International Symposium on Electronics and Telecommunications (ISETC) (pp. 1-4). IEEE. 2024	6		3.33

BDI2	Paleu, T.A., Burlacu, A. and Pascal, C. , Policy Transfer with Maximum Entropy Deep Reinforcement Learning for Real Cart-Pole Control. In 2024 IEEE 20th International Conference on Intelligent Computer Communication and Processing (ICCP) (pp. 1-7). IEEE. 2024	3	6.67
BDI3	Bejenar, I., Ferariu, L., Pascal, C. and Caruntu, C.F., FedBayes: An Aggregation Method for Federated Learning that uses Bayesian Regression. In 2024 28th International Conference on System Theory, Control and Computing (ICSTCC) (pp. 564-569). IEEE, 2024	4	5.00
BDI4	Paleu TA, Pascal C , Reproducibility in Deep Reinforcement Learning with Maximum Entropy, 27th International Conference on System Theory, Control and Computing (ICSTCC), 428-433, IEEE, DOI: 10.1109/ICSTCC59206.2023.10308431, 2023	2	10.00
BDI5	Panescu, D. and Pascal, C. , On the staff holon operation in a holonic manufacturing system architecture. In 2012 16th International Conference on System Theory, Control and Computing (ICSTCC) (pp. 1-6). IEEE, 2012	2	10.00
BDI6	Panescu D, Pascal C , Some Issues on Holonic Systems Analysis, Design and Implementation, International Journal of Mechanics and Control, Vol. 12, No. 1, pp. 11-17, ISSN 1590 – 8844. 2011 (Indexată scopus)	2	10.00
BDI7	Pascal, C. and Panescu, D., On resource allocation in a holonic manufacturing execution system. In 15th International Conference on System Theory, Control and Computing (pp. 1-6). IEEE. 2011	2	10.00
BDI8	Panescu, D., Sutu, M. and Pascal, C. , On the design and implementation of holonic manufacturing systems. In 2009 WRI World Congress on Computer Science and Information Engineering (Vol. 5, pp. 456-461). IEEE, 2009	3	6.67
	Total A2.2		61.67
A2.3.1 Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale [5]	Bi1		0.00
			0.00
			0.00
	Total A2.3.1	0	0.00
A2.3.2 Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale - OSIM	Bn1		0.00
			0.00
			0.00
	Total A2.2.1.	0	0.00
A2.4.1.1. Granturi/proiecte de cercetare	Pdi1		0.00

de minimum 10000 dolari USA echivalent încasați [6] - membru - național	Pmn3	Grant Intern, nr. GI-TD-DigitAll-7 /2022, Centru de Inovare eXtended Reality AR/VR & Digital Twins, director: Conf. dr. ing. Catalin Dosoftei, valoare 96525 Ron (2022-2023), na=4	1	2.00
	Pmn4	PN-III Resurse-Umane - TE, nr. TE190/2021, Controlul optimizat al grupurilor de vehicule automate cooperative, director proiect Prof.dr.ing. Caruntu, valoare proiect 230.221 Ron (2021), 201.321 Ron (2022), na = 6	2	4.00
	Pmn5	PN-III PTE 19/2020 Dezvoltarea unui sistem logistic inteligent utilizand roboti mobili omnidirectionali autonomi, director: Conf. dr. ing. Catalin Dosoftei, valoare 206.957 Ron (2020), 169.148 Ron (2021), 61.225 Ron (2022), na = 14	2	4.00
	Pmn6	Agent economic, Grid platooning by swarm intelligence, contract de parteneriat cu Continental Automotive Romania, Contract Nr. 23928/2018, director contract: prof. dr. ing. Constantin Căruntu, valoare 73.716 Ron (2018), na=6	1	2.00
	Pmn7	Grantul colab. PN II, Platforme robot-vedere artificiala autonome, inteligente de calificare, sortare/prelucrare/ambalare si inspectie de calitate a produselor cu arhitectura de control holonic, orientata pe servicii, bazata pe trasaturi (SOFHICOR), Contract nr. 11-042 din 18.09.2007, responsabil proiect prof. dr. ing. Doru PĂNESCU, valoare 110.000 Ron (2008), 85.970 ron (2009) și 16.000 ron (2010)	2	4.00
	Total A2.4.2.2			20.00

Data: 28.12.2024

Nume și prenume, semnătura PASCAL Carlos-Mihai



Anexa 3. Tabel citări

Nr. crt.	Cod articol citat	Numar autori articol citat	Citări	Tip (Carte, ISI sau BDI)	Punctaj
1	Ci3	3	Stan, M., Borangiu, T. and Răileanu, S., 2021, May. Data-and model-driven digital twins for design and logistics control of product distribution. In 2021 23rd International Conference on Control Systems and Computer Science (CSCS) (pp. 33-40). IEEE.	BDI	1.33
2	Ci4	2	Benagouna, K., Mouss, L.H., Abdessemed, A.A. and Bensakhria, M., 2020. Holonic agent-based approach for system-level remaining useful life estimation with stochastic dependence. International Journal of Computer Integrated Manufacturing, 33(10-11), pp.1089-1104. WOS:000552562700001 Q2	ISI	8.00
		2	Psarommatīs, F., Gharaei, A. and Kirişis, D., 2020. Identification of the critical reaction times for re-scheduling flexible job shops for different types of unexpected events. Procedia Cirp, 93, pp.903-908.	BDI	2.00
3	Ci6	2	Shahid, S., Zhen, Z. and Javaid, U., 2025. Cooperative task assignment of heterogeneous unmanned aerial vehicles for simultaneous multi-directional attack on a moving target. Engineering Applications of Artificial Intelligence, 139, p.109595. WOS:001367484800001, Q1	ISI	8.00
		2	Krakowczyk, D., Wolff, J., Ciobanu, A., Meyer, D.J. and Hrabia, C.E., 2018. Developing a distributed drone delivery system with a hybrid behavior planning system. In KI 2018: Advances in Artificial Intelligence: 41st German Conference on AI, Berlin, Germany, September 24-28, 2018, Proceedings 41 (pp. 107-114). Springer International Publishing. WOS:000476925600010	ISI	4.00
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