

# Pedro L González-R

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

706  
citations

759233

12  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CONWIP production control system: Review and research issues. <i>Production Planning and Control</i> , 2003, 14, 255-265.	8.8	121
2	Truck-drone team logistics: A heuristic approach to multi-drop route planning. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 114, 657-680.	7.6	114
3	Application of statistical experimental design to study the formulation variables influencing the coating process of lidocaine liposomes. <i>International Journal of Pharmaceutics</i> , 2007, 337, 336-345.	5.2	84
4	A comparison of Hybrid Push/Pull and CONWIP/Pull production inventory control policies. <i>International Journal of Production Economics</i> , 2004, 91, 75-90.	8.9	64
5	Token-based pull production control systems: an introductory overview. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 5-22.	7.3	48
6	Dynamic card controlling in a Conwip system. <i>International Journal of Production Economics</i> , 2006, 99, 102-116.	8.9	45
7	Deformability properties of timolol-loaded transfersomes based on the extrusion mechanism. Statistical optimization of the process. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1683-1694.	2.0	41
8	Scheduling a dual-resource flexible job shop with makespan and due date-related criteria. <i>Annals of Operations Research</i> , 2020, 291, 5-35.	4.1	28
9	Integrated management of inventory and production systems based on floating decoupling point and real-time information: A simulation based analysis. <i>International Journal of Production Economics</i> , 2016, 181, 48-57.	8.9	18
10	The pull evolution: from Kanban to customised token-based systems. <i>Production Planning and Control</i> , 2009, 20, 276-287.	8.8	16
11	A multi-objective comparison of dispatching rules in a drum-“buffer”-rope production control system. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 155-167.	4.6	16
12	A methodology for the design and operation of pull-based supply chains. <i>Journal of Manufacturing Technology Management</i> , 2013, 24, 307-330.	6.4	14
13	A methodology for schedule-based paths recommendation in multimodal public transportation networks. <i>Journal of Advanced Transportation</i> , 2013, 47, 319-335.	1.7	13
14	A response surface methodology for parameter setting in a dynamic Conwip production control system. <i>International Journal of Manufacturing Technology and Management</i> , 2011, 23, 16.	0.1	11
15	Artificial neural networks as alternative tool for minimizing error predictions in manufacturing ultradeformable nanoliposome formulations. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 135-143.	2.0	11
16	Research study of factors affecting difference between hole diameters in hybrid metal-composite drilling. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2011, 225, 991-1000.	2.4	10
17	Job shop management of products under internal lifespan and external due date. <i>International Journal of Production Research</i> , 2018, 56, 5457-5474.	7.5	10
18	On modelling non-linear quantity discounts in a supplier selection problem by mixed linear integer optimization. <i>Annals of Operations Research</i> , 2017, 258, 301-346.	4.1	9

#	ARTICLE	IF	CITATIONS
19	A mathematical modeling approach to optimize composite parts placement in autoclave. International Transactions in Operational Research, 2017, 24, 115-141.	2.7	8
20	Robust Optimization of Alginate-Carbopol 940 Bead Formulations. Scientific World Journal, The, 2012, 2012, 1-15.	2.1	7
21	A quantitative approach for the long-term assessment of Railway Rapid Transit network construction or expansion projects. European Journal of Operational Research, 2021, 294, 604-621.	5.7	5
22	A Simulation Optimization Approach for Reactive ConWIP Systems. , 2013, , .		4
23	A Decision-Making Tool for a Regional Network of Clinical Laboratories. Interfaces, 2013, 43, 360-372.	1.5	3
24	Impact of the customer demand on order fulfilment strategies based on floating decoupling point: a simulation analysis. International Journal of Production Research, 2016, 54, 7359-7373.	7.5	3
25	Optimization Customized Token-Based Production Control Systems Using Cross-Entropy. , 2007, , 123-131.		2
26	Impact of Reworking in Job-Shop Environments Controlled by Kanban System. , 2017, , 63-83.		1
27	Improved virtual build to order. , 2012, , .		0
28	Rare Diseases Internet Information Retrieval and Knowledge Discovery. , 2016, , 765-778.		0