Roberto S. U. Rosso Jr.

List of Publications by Year
in descending order

15 papers	**353** citations

1307594

7 h-index

1058476

14 g-index

15 all docs	**15** docs citations

15 times ranked

221 citing authors

#	Article	IF	Citations
1	Strategic advantages of interoperability for global manufacturing using CNC technology. Robotics and Computer-Integrated Manufacturing, 2008, 24, 699-708.	9.9	146
2	CAD/CAM solutions for STEP-compliant CNC manufacture. International Journal of Computer Integrated Manufacturing, 2003, 16, 590-597.	4.6	90
3	Toward interoperable CNC manufacturing. International Journal of Computer Integrated Manufacturing, 2008, 21, 222-230.	4.6	27
4	Integrating the CAx process chain for STEP-compliant NC manufacturing of asymmetric parts. International Journal of Computer Integrated Manufacturing, 2006, 19, 533-545.	4.6	21
5	Curve approximation by adaptive neighborhood simulated annealing and piecewise Bézier curves. Soft Computing, 2020, 24, 18821-18839.	3.6	16
6	The adoption of STEP-NC for the manufacture of asymmetric rotational components. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2004, 218, 1639-1644.	2.4	14
7	Nadzoru: A Software Tool for Supervisory Control of Discrete Event Systems. IFAC-PapersOnLine, 2015, 48, 182-187.	0.9	12
8	Piecewise Bézier Curve Fitting by Multiobjective Simulated Annealing. IFAC-PapersOnLine, 2016, 49, 49-54.	0.9	7
9	Transition towards Smart Factories. International Journal of Computer Integrated Manufacturing, 2022, 35, 341-344.	4.6	7
10	ICARU-FB: An IEC 61499 Compliant Multiplatform Software Infrastructure. IEEE Transactions on Industrial Informatics, 2016, 12, 1074-1083.	11.3	4
11	CNC-C^2: an ISO14649 and IEC61499 compliant controller. International Journal of Computer Integrated Manufacturing, 2021, 34, 621-640.	4.6	3
12	Interactive CNC simulation using distance fields. International Journal of Computer Integrated Manufacturing, 2018, 31, 992-1004.	4.6	2
13	A divide-and-conquer algorithm for curve fitting. CAD Computer Aided Design, 2022, 151, 103362.	2.7	2
14	Lung segmentation of sagittal and coronal MR images using morphological operations. , 2014, , .		1
15	Virtual Reality of Animated Lung with Internal Structures. IFAC-PapersOnLine, 2017, 50, 15151-15156.	0.9	1