

Stefan Vaclav

List of Publications by Year in descending order

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24
papers

143
citations

1684188

5
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1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of optimization algorithms for robot systems designing. International Journal of Advanced Robotic Systems, 2018, 15, 172988141775415.	2.1	43
2	Analysis of control and correction options of mobile robot trajectory by an inertial navigation system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141875516.	2.1	38
3	NUMERICAL ANALYSIS OF THE STRESS-STRAIN STATE OF A ROPE STRAND WITH LINEAR CONTACT UNDER TENSION AND TORSION LOADING CONDITIONS. Advances in Science and Technology Research Journal, 2017, 11, 231-239.	0.8	18
4	Porosity Analysis of Additive Manufactured Parts Using CAQ Technology. Materials, 2021, 14, 1142.	2.9	7
5	Determination of the Coefficient of Friction Under Cold Tube Drawing Using FEM Simulation and Drawing Force Measurement. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2018, 26, 29-34.	0.4	6
6	MODIFICATION OF CUTTING TOOLS BY DRAG FINISHING. MM Science Journal, 2020, 2020, 3822-3825.	0.4	6
7	Investigation of Stress-Strain State of the Workpiece at Gauge Burnishing of its Holes. Advances in Science and Technology Research Journal, 2017, 11, 211-222.	0.8	5
8	Allowance treatment static designed couple and repeatable precision in assembly. MATEC Web of Conferences, 2017, 137, 04007.	0.2	4
9	Manufacturing Component Base Broadening in the Flexible Manufacturing System by Using a Group Technology. Materials Science Forum, 0, 952, 45-54.	0.3	3
10	Estimation of Local Plastic Deformation of Polycrystalline Materials. Key Engineering Materials, 0, 586, 39-42.	0.4	2
11	Assembly Tool Manufacturing and Optimization for Polylactic Acid Additive Manufacturing. Materials Science Forum, 0, 952, 153-162.	0.3	2
12	Automation of Synthesis of Structures, Systems Engineering Strategies for Production. Procedia Engineering, 2016, 149, 212-215.	1.2	1
13	Simulation as a support tool in assembly systems planning. MATEC Web of Conferences, 2017, 137, 04008.	0.2	1
14	Welding Workstation Planning with Use of CAD Software and Simulation. Lecture Notes in Mechanical Engineering, 2019, , 97-105.	0.4	1
15	Assembly systems planning with use of databases and simulation. IOP Conference Series: Materials Science and Engineering, 2019, 659, 012023.	0.6	1
16	Design of Construction and Controlling of Automation Technics in Order to Improve Skills of Students. Multidisciplinary Aspects of Production Engineering, 2021, 4, 120-131.	0.2	1
17	Assembly System Planning in Automotive Industry with Use of Discrete Event Simulation. Lecture Notes in Mechanical Engineering, 2018, , 503-515.	0.4	1
18	Production Systems Planning and Databases in Assembly. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2018, 26, 63-67.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Proposal of a System for Estimating the Assembly Time in Small and Medium-Sized Enterprises. Tehnicki Vjesnik, 2020, 27, .	0.2	1
20	An Overview of the Practical Use of the CCTV System in a Simple Assembly in a Flexible Manufacturing System. Applied System Innovation, 2022, 5, 52.	4.6	1
21	THE BENEFITS OF INFORMATION SYSTEMS IN THE MANAGEMENT OF INDUSTRIAL ENTERPRISES. MM Science Journal, 2021, 2021, 4743-4748.	0.4	0
22	Racionalization of Robotic Workstation in Welding Industry. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2018, 26, 159-164.	0.4	0
23	On the Influence of Parts's™ Materials Properties on the Assembly Orientation. Multidisciplinary Aspects of Production Engineering, 2020, 3, 422-434.	0.2	0
24	Use of Nesting Workstations in Assembly. Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava, 2020, 28, 65-71.	0.4	0