

Leo J De Vin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

316
citations

759233

12
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The generation of bending sequences in a CAPP system for sheet-metal components. Journal of Materials Processing Technology, 1994, 41, 331-339. | 6.3 | 43 |
| 2 | Curvature prediction in air bending of metal sheet. Journal of Materials Processing Technology, 2000, 100, 257-261. | 6.3 | 34 |
| 3 | Process planning for laser-assisted forming. Journal of Materials Processing Technology, 2002, 120, 322-326. | 6.3 | 30 |
| 4 | Virtual manufacturing for press line monitoring and diagnostics. International Journal of Machine Tools and Manufacture, 2008, 48, 565-575. | 13.4 | 27 |
| 5 | SIMULATION-BASED DECISION SUPPORT FOR MANUFACTURING SYSTEM LIFE CYCLE MANAGEMENT. Journal of Advanced Manufacturing Systems, 2004, 03, 115-128. | 1.0 | 25 |
| 6 | Information fusion for simulation based decision support in manufacturing. Robotics and Computer-Integrated Manufacturing, 2006, 22, 429-436. | 9.9 | 23 |
| 7 | Ergonomics analysis in a virtual environment. International Journal of Manufacturing Research, 2007, 2, 198. | 0.2 | 20 |
| 8 | Suitability of sheet bending modelling techniques in CAPP applications. Journal of Materials Processing Technology, 1993, 36, 339-356. | 6.3 | 19 |
| 9 | Expecting the unexpected, a must for accurate brakeforming. Journal of Materials Processing Technology, 2001, 117, 244-248. | 6.3 | 15 |
| 10 | Lean Production Training for the Manufacturing Industry: Experiences from Karlstad Lean Factory. Procedia Manufacturing, 2017, 11, 1019-1026. | 1.9 | 14 |
| 11 | Tolerancing and Sheet Bending in Small Batch Part Manufacturing. CIRP Annals - Manufacturing Technology, 1994, 43, 421-424. | 3.6 | 13 |
| 12 | Karlstad lean factory: an instructional factory for game-based lean manufacturing training. Production and Manufacturing Research, 2017, 5, 268-283. | 1.5 | 13 |
| 13 | Game-based Lean Production training of university students and industrial employees. Procedia Manufacturing, 2018, 25, 578-585. | 1.9 | 12 |
| 14 | Simulator-assisted lean production training. Production and Manufacturing Research, 2019, 7, 433-447. | 1.5 | 9 |
| 15 | DISTRIBUTED VIRTUAL MANUFACTURING FOR DEVELOPMENT OF MODULAR MACHINE SYSTEMS. Journal of Advanced Manufacturing Systems, 2002, 01, 141-158. | 1.0 | 6 |
| 16 | The Information Fusion JDL-U model as a reference model for Virtual Manufacturing. Robotics and Computer-Integrated Manufacturing, 2010, 26, 629-638. | 9.9 | 6 |
| 17 | Advanced machine service support using Internet-enabled three-dimensional-based virtual engineering. International Journal of Production Research, 2008, 46, 4215-4235. | 7.5 | 5 |
| 18 | Information fusion for decision support in manufacturing: studies from the defense sector. International Journal of Advanced Manufacturing Technology, 2008, 35, 908-915. | 3.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Omnidirectional robotic telepresence through augmented virtuality for increased situation awareness in hazardous environments. , 2009, , . | | 1 |