

No.	Authors	Title	Key Words	Vol., No., pages	DOI link	Citation data
1	Sun, W. Q.; Guan, J. L.; Shao, J. & He, A. R.	Modelling the Dynamics and Secondary Deformation Behaviour of the Strip with Local Waves in Coiling Process	Local Waves, Elastic-Plastic Deformation, Plastic Flow Factor, Ridge-Buckle, ANSYS FEM	15, 4, 754-765	10.2507/IJSIMM15(4)CO20	Sun W. Q., Guan J. L., Shao J., He A. R. (2016). Modelling the Dynamics and Secondary Deformation Behaviour of the Strip with Local Waves in Coiling Process. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 754-765
2	Wu, D. Q.; Dong, M.; Li, H. Y. & Li, F.	Vehicle Routing Problem with Time Windows Using Multi-Objective Co-Evolutionary Approach	Multi-Objective Optimization, Discrete Particle Swarm Optimization, Variable Neighbourhood Search, Vehicle Routing Problem with Time Windows	15, 4, 742-753	10.2507/IJSIMM15(4)CO19	Wu D. Q., Dong M., Li H. Y., Li F. (2016). Vehicle Routing Problem with Time Windows Using Multi-Objective Co-Evolutionary Approach. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 742-753
3	Wang, Y. R. & Chen, A. N.	Production Logistics Simulation and Optimization of Industrial Enterprise Based on Flexsim	Production Logistics System, Simulation, Petri Net, Flexsim, Optimization	15, 4, 732-741	10.2507/IJSIMM15(4)CO18	Wang Y. R., Chen A. N. (2016). Production Logistics Simulation and Optimization of Industrial Enterprise Based on Flexsim. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 732-741
4	Luo, X. W. & Zhang, L. Y.	The Optimal Scheduling Model for Agricultural Machinery Resources with Time-Window Constraints	Scheduling Operations, Agricultural Machinery, Time Window, Multi-Type Machinery	15, 4, 721-731	10.2507/IJSIMM15(4)CO17	Luo X. W., Zhang L. Y. (2016). The Optimal Scheduling Model for Agricultural Machinery Resources with Time-Window Constraints. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 721-731
5	Chen, Y. X.	Integrated Optimization Model for Production Planning and Scheduling with Logistics Constraints	Production Planning, Scheduling, Logistics Capability, Integrated Optimization Model, Particle Swarm Optimization	15, 4, 711-720	10.2507/IJSIMM15(4)CO16	Chen Y. X. (2016). Integrated Optimization Model for Production Planning and Scheduling with Logistics Constraints. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 711-720
6	Zhang, Y.; Huang, A. Q.; Cheng, T. C. E.; Wang, S. Y. & Fernandez, V.	Simulating the Demand Reshaping and Substitution Effects of Probabilistic Selling	Inventory, Probabilistic Selling, Demand Substitution, Demand Reshaping	15, 4, 699-710	10.2507/IJSIMM15(4)CO15	Zhang Y., Huang A. Q., Cheng T. C. E., Wang S. Y., Fernandez V. (2016). Simulating the Demand Reshaping and Substitution Effects of Probabilistic Selling. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 699-710
7	Li, Q.; Yan, H.; Shi, H. X.; Han, X. X. & He, H. Y.	Simulation of Non-Overload Characteristics of Serial-Parallel Centrifugal Pumps	Serial-Parallel Centrifugal Pumps, Non-Overload Characteristics, Numerical Simulation, Parametric Modelling, Flow Deviation Angles	15, 4, 688-698	10.2507/IJSIMM15(4)9.364	Li Q., Yan H., Shi H. X., Han X. X., He H. Y. (2016). Simulation of Non-Overload Characteristics of Serial-Parallel Centrifugal Pumps. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 688-698
8	Vujica Herzog, N.; Zavec Pavlinic, D.; Kuzmanovic, B. & Buchmeister, B.	Thermal Manikin and Its Stability for Accurate and Repeatable Measurements	Thermal Insulation, Thermal Manikin, Measurement Validity and Reliability, System Stability Assessment	15, 4, 676-687	10.2507/IJSIMM15(4)8.362	Vujica Herzog N., Zavec Pavlinic D., Kuzmanovic B., Buchmeister B. (2016). Thermal Manikin and Its Stability for Accurate and Repeatable Measurements. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 676-687
9	Saric, T.; Simunovic, G.; Simunovic, K. & Svalina, I.	Estimation of Machining Time for CNC Manufacturing Using Neural Computing	Process Planning, Machining Time, Neural Networks, Estimation, CNC Manufacturing	15, 4, 663-675	10.2507/IJSIMM15(4)7.359	Saric T., Simunovic G., Simunovic K., Svalina I. (2016). Estimation of Machining Time for CNC Manufacturing Using Neural Computing. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 663-675
10	Li, X. Y.; Wang, N. N.; Lv, Y. G.; Zeng, Q. L. & Hidenori, K.	Tooth Profile Modification and Simulation Analysis of Involute Spur Gear	Tooth Profile Modification, Transmission Error, Impact, Parametric Modelling, Simulation Analysis	15, 4, 649-662	10.2507/IJSIMM15(4)6.358	Li X. Y., Wang N. N., Lv Y. G., Zeng Q. L., Hidenori K. (2016). Tooth Profile Modification and Simulation Analysis of Involute Spur Gear. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 649-662
11	Budak, I.; Mirkovic, S.; Sokac, M.; Santosi, Z.; Puskar, T. & Vukelic, D.	An Approach to Modelling of Personalized Bone Grafts Based on Advanced Technologies	Modelling, Simulation Analysis, Personalized Bone Graft	15, 4, 637-648	10.2507/IJSIMM15(4)5.357	Budak I., Mirkovic S., Sokac M., Santosi Z., Puskar T., Vukelic D. (2016). An Approach to Modelling of Personalized Bone Grafts Based on Advanced Technologies. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 637-648
12	Kim, S.-J.	Integration of Pre-Simulation and Sensorless Monitoring for Smart Mould Machining	Smart Mould Machining, Pre-Simulation, Feed Rate Control, Sensorless Monitoring, Tool Wear, Open CNC	15, 4, 623-636	10.2507/IJSIMM15(4)4.354	Kim S.-J. (2016). Integration of Pre-Simulation and Sensorless Monitoring for Smart Mould Machining. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 623-636
13	Supsomboon, S. & Vajasuvimon, A.	Simulation Model for Job Shop Production Process Improvement in Machine Parts Manufacturing	Job Shop Process, Process Improvement, Simulation, Layout, Capacity, Job Enlargement	15, 4, 611-622	10.2507/IJSIMM15(4)3.352	Supsomboon S., Vajasuvimon A. (2016). Simulation Model for Job Shop Production Process Improvement in Machine Parts Manufacturing. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 611-622
14	Dragic, M. & Sorak, M.	Simulation for Improving the Performance of Small and Medium Sized Enterprises	Simulation, Optimization, SMEs, Performance	15, 4, 597-610	10.2507/IJSIMM15(4)2.343	Dragic M., Sorak M. (2016). Simulation for Improving the Performance of Small and Medium Sized Enterprises. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 597-610
15	Jayalath, D. D. A. C. J.; Wimalaratne, S. P. W. & Karunananda, A. S.	Modelling Goal Selection of Characters in Primary Groups in Crowd Simulations	Artificial Intelligence, Multi-Agent Systems, Virtual Reality, Crowd Simulation, Primary Groups, Social Groups	15, 4, 585-596	10.2507/IJSIMM15(4)1.323	Jayalath D. D. A. C. J., Wimalaratne S. P. W., Karunananda A. S. (2016). Modelling Goal Selection of Characters in Primary Groups in Crowd Simulations. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 4, p. 585-596
16	Nie, X. D.; Chen, X. D. & Chen, X.	Simulation Study of Flexible Manufacturing Cell Based on Token-Oriented Petri Net Model	Flexible Manufacturing Cell (FMC), Petri Net, Transporting Robots, Simulation	15, 3, 566-576	10.2507/IJSIMM15(3)CO14	Nie X. D., Chen X. D., Chen X. (2016). Simulation Study of Flexible Manufacturing Cell Based on Token-Oriented Petri Net Model. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 566-576
17	Liang, Y.; Qiao, P. L.; Luo, Z. Y. & Song, L. L.	Constrained Stochastic Joint Replenishment Problem with Option Contracts in Spare Parts Remanufacturing Supply Chain	Stochastic Joint Replenishment Problem, Resource Restriction, Option Contracts, Adaptive Immune Genetic Algorithm	15, 3, 553-565	10.2507/IJSIMM15(3)CO13	Liang Y., Qiao P. L., Luo Z. Y., Song L. L. (2016). Constrained Stochastic Joint Replenishment Problem with Option Contracts in Spare Parts Remanufacturing Supply Chain. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 553-565
18	Hua, G. W.; Cheng, T. C. E.; Zhang, Y.; Zhang, J. L. & Wang, S. Y.	Carbon-Constrained Perishable Inventory Management with Freshness-Dependent Demand	Deteriorating Inventory, Carbon Emissions Tax, Cap-and-Trade, Perishable Items, Freshness-Dependent Demand	15, 3, 542-552	10.2507/IJSIMM15(3)CO12	Hua G. W., Cheng T. C. E., Zhang Y., Zhang J. L., Wang S. Y. (2016). Carbon-Constrained Perishable Inventory Management with Freshness-Dependent Demand. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 542-552
19	Dai, Y.; Zhu, X. & Chen, L. S.	A Mechanical-Hydraulic Virtual Prototype Co-Simulation Model for a Seabed Remotely Operated Vehicle	Seabed Tracked Remotely Operated Vehicle (ROV), Virtual Prototype Model, Mechanical-Hydraulic Co-Simulation, Load Independent Flow	15, 3, 532-541	10.2507/IJSIMM15(3)CO11	Dai Y., Zhu X., Chen L. S. (2016). A Mechanical-Hydraulic Virtual Prototype Co-Simulation Model for a Seabed Remotely Operated Vehicle. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 532-541

20	Ternik, P. & Rudolf, R.	Numerical Analysis of Continuous Casting of NiTi Shape Memory Alloy	NiTi, Solidification, Continuous Casting, Numerical Modelling, Heat Transfer	15, 3, 522-531	10.2507/IJSIMM15(3)11.360	Ternik P., Rudolf R. (2016). Numerical Analysis of Continuous Casting of NiTi Shape Memory Alloy. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 522-531
21	Klobucar, R. & Acko, B.	Experimental Evaluation of Ball Bar Standard Thermal Properties by Simulating Real Shop Floor Conditions	Traceability, Co-Ordinate Measurement, Measurement Standard, Thermal Expansion	15, 3, 511-521	10.2507/IJSIMM15(3)10.356	Klobucar R., Acko B. (2016). Experimental Evaluation of Ball Bar Standard Thermal Properties by Simulating Real Shop Floor Conditions. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 511-521
22	Aguado, S.; Velazquez, J.; Samper, D. & Santolaria, J.	Modelling of Computer-Assisted Machine Tool Volumetric Verification Process	Laser Interferometry, Volumetric Verification, Simulation, Influence Factors, Accuracy, Machine Tool	15, 3, 497-510	10.2507/IJSIMM15(3)9.353	Aguado S., Velazquez J., Samper D., Santolaria J. (2016). Modelling of Computer-Assisted Machine Tool Volumetric Verification Process. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 497-510
23	Galal, N. M. & El-Kilany, K. S.	Sustainable Agri-Food Supply Chain with Uncertain Demand and Lead Time	Agri-Food Supply Chain, Carbon Emissions, Perishable Goods, Modelling and Simulation	15, 3, 485-496	10.2507/IJSIMM15(3)8.350	Galal N. M., El-Kilany K. S. (2016). Sustainable Agri-Food Supply Chain with Uncertain Demand and Lead Time. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 485-496
24	Runje, B.; Stepanic, J.; Mihaljevic, M.; Horvatic, A. & Kondic, V.	Simulation Modelling of a Company Providing Two Qualitatively Different Services to Market	Simulation Modelling, Service Providing Company, Adaptation, Market Demand	15, 3, 473-484	10.2507/IJSIMM15(3)7.349	Runje B., Stepanic J., Mihaljevic M., Horvatic A., Kondic V. (2016). Simulation Modelling of a Company Providing Two Qualitatively Different Services to Market. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 473-484
25	Wang, C.; Mao, Y. S.; Du, K. J.; Hu, B. Q. & Song, L. F.	Simulation on Local Obstacle Avoidance Algorithm for Unmanned Surface Vehicle	Unmanned Surface Vehicle (USV), Path Planning, Dynamic Collision Avoidance, Particle Swarm Optimization (PSO), Marine Rules, Rolling Windows	15, 3, 460-472	10.2507/IJSIMM15(3)6.347	Wang C., Mao Y. S., Du K. J., Hu B. Q., Song L. F. (2016). Simulation on Local Obstacle Avoidance Algorithm for Unmanned Surface Vehicle. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 460-472
26	Cannella, S.; Dominguez, R. & Framinan, J. M.	Turbulence in Market Demand on Supply Chain Networks	Serial Supply Chains, Divergent Supply Chains, Agent-Based Simulation, Shock Demand, Demand Variability, Demand Impulse	15, 3, 450-459	10.2507/IJSIMM15(3)5.346	Cannella S., Dominguez R., Framinan J. M. (2016). Turbulence in Market Demand on Supply Chain Networks. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 450-459
27	Tan, K. S.; Wong, S. V. & Megat Ahmad, M. M. H.	Development of High Fidelity Finite Element Model of Motorcycle Telescopic Front Fork	Finite Element Modelling, Fully Deformable Model, Motorcycle Fork, Quasi-Static Simulations	15, 3, 436-449	10.2507/IJSIMM15(3)4.344	Tan K. S., Wong S. V., Megat Ahmad M. M. H. (2016). Development of High Fidelity Finite Element Model of Motorcycle Telescopic Front Fork. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 436-449
28	Chen, C.-C.; Li, J.-S.; Luo, J.; Xie, S.-R.; Li, H.-Y.; Pu, H.-Y. & Gu, J.	Robust Adaptive Position and Force Tracking Control Strategy for Door-Opening Behaviour	Tracking Simulation, Door Opening, Manipulator, Robust Adaptive Control	15, 3, 423-435	10.2507/IJSIMM15(3)3.342	Chen C.-C., Li J.-S., Luo J., Xie S.-R., Li H.-Y., Pu H.-Y., Gu J. (2016). Robust Adaptive Position and Force Tracking Control Strategy for Door-Opening Behaviour. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 423-435
29	Komeili, M. & Menon, C.	Robust Design of Thermally Actuated Micro-Cantilever Using Numerical Simulations	Finite Element Method, Micro-Cantilever, Design of Experiments, Uncertainty, Robust Design	15, 3, 409-422	10.2507/IJSIMM15(3)2.340	Komeili M., Menon C. (2016). Robust Design of Thermally Actuated Micro-Cantilever Using Numerical Simulations. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 409-422
30	Djemana, M. & Hrairi, M.	Modelling and Simulation of Impedance-Based Damage Monitoring of Structures	Structural Health Monitoring, Electromechanical Impedance, Piezoelectric Patch, Finite Element, Simulation	15, 3, 395-408	10.2507/IJSIMM15(3)1.338	Djemana M., Hrairi M. (2016). Modelling and Simulation of Impedance-Based Damage Monitoring of Structures. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 3, p. 395-408
31	Dai, Y.; Chen, L. S.; Zhu, X. & Liu, H.	Modelling and Simulation of a Mining Machine Excavating Seabed Massive Sulfide Deposits	Seabed Massive Sulfide, Seabed Mining Machine, Laboratory Mechanical Tests, Excavation Cutter, Discrete Element Model, Numerical Simulation	15, 2, 377-387	10.2507/IJSIMM15(2)CO10	Dai Y., Chen L. S., Zhu X., Liu H. (2016). Modelling and Simulation of a Mining Machine Excavating Seabed Massive Sulfide Deposits. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 377-387
32	Yang, J. Q.; Zhang, X. M.; Zhang, H. Y. & Liu, C.	Cooperative Inventory Strategy in a Dual-Channel Supply Chain with Transshipment Consideration	Supply Chain, Dual Channel, Inventory Cooperation, Transshipment, Game Theory	15, 2, 365-376	10.2507/IJSIMM15(2)CO9	Yang J. Q., Zhang X. M., Zhang H. Y., Liu C. (2016). Cooperative Inventory Strategy in a Dual-Channel Supply Chain with Transshipment Consideration. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 365-376
33	Xiao, N. & Rao, Y. L.	Multi-Product Multi-Period Inventory Routing Optimization with Time Window Constrains	IRP (Inventory Routing Problems), VMI (Vendor Managed Inventory), Fuzzy Genetic Algorithm, Multi-Product, Multi-Period	15, 2, 352-364	10.2507/IJSIMM15(2)CO8	Xiao N., Rao Y. L. (2016). Multi-Product Multi-Period Inventory Routing Optimization with Time Window Constrains. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 352-364
34	Wu, S. B.; Gu, X.; Wu, G. D. & Zhou, Q.	Cooperative R&D Contract of Supply Chain Considering the Quality of Product Innovation	Supply Chain, Collaborative R&D, Innovation Quality of Products, Contract	15, 2, 341-351	10.2507/IJSIMM15(2)CO7	Wu S. B., Gu X., Wu G. D., Zhou Q. (2016). Cooperative R&D Contract of Supply Chain Considering the Quality of Product Innovation. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 341-351
35	Sun, W. Q.; Li, B.; Shao, J. & He, A. R.	Research on Crown & Flatness Allocation Strategy of Hot Rolling Mills	Hot Rolled Strip, Profile, Allocation Strategy, Finite Element Method, Rapid Dynamic Programming	15, 2, 327-340	10.2507/IJSIMM15(2)CO6	Sun W. Q., Li B., Shao J., He A. R. (2016). Research on Crown & Flatness Allocation Strategy of Hot Rolling Mills. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 327-340
36	Yu, G. D.	Modelling for Emergency Manufacturing Resources Schedule to Unexpected Events	Emergency Decision-Making, Manufacturing Resources Scheduling, Rolling Optimization, Vulnerability, Resource Scheduling Algorithm	15, 2, 313-326	10.2507/IJSIMM15(2)10.348	Yu G. D. (2016). Modelling for Emergency Manufacturing Resources Schedule to Unexpected Events. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 313-326
37	Sudharsan, J. & Karunamoorthy, L.	Path Planning and Co-Simulation Control of 8 DOF Anthropomorphic Robotic Arm	Robotics, Humanoid Arm, Dynamic Analysis of Robot Arm, MATLAB / SIMULINK, ADAMS, 8 Degrees of Freedom	15, 2, 302-312	10.2507/IJSIMM15(2)9.339	Sudharsan J., Karunamoorthy L. (2016). Path Planning and Co-Simulation Control of 8 DOF Anthropomorphic Robotic Arm. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 302-312
38	Tesic, Z.; Stevanov, B.; Jovanovic, V.; Tomic, M. & Kafol, C.	Period Batch Control - A Production Planning System Applied to Virtual Manufacturing Cells	Period Batch Control, Virtual Cell, Schedule Simulation	15, 2, 288-301	10.2507/IJSIMM15(2)8.337	Tesic Z., Stevanov B., Jovanovic V., Tomic M., Kafol C. (2016). Period Batch Control - A Production Planning System Applied to Virtual Manufacturing Cells. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 288-301

39	Kanduc, T. & Rodic, B.	Optimisation of Machine Layout Using a Force Generated Graph Algorithm and Simulated Annealing	Layout Optimisation, Heuristics, Discrete Event Simulation, Force-Directed Graphs	15, 2, 275-287	10.2507/IJSIMM15(2)7.335	Kanduc T., Rodic B. (2016). Optimisation of Machine Layout Using a Force Generated Graph Algorithm and Simulated Annealing. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 275-287
40	Li, H. X.; Li, B.; Choi, J.; Heo, J. & Kim, I.	Analysis of a Novel Nozzle Used for Pulse Jet Filtration Using CFD Simulation Method	Numerical Simulation, Three-Dimensional Model, Rectangular Nozzle, Pulse Cleaning, Entrainment Effect	15, 2, 262-274	10.2507/IJSIMM15(2)6.334	Li H. X., Li B., Choi J., Heo J., Kim I. (2016). Analysis of a Novel Nozzle Used for Pulse Jet Filtration Using CFD Simulation Method. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 262-274
41	Markovic-Hribernik, T. & Detelj, K.	Simulation of Public Procurement's Impact on Innovativeness of EU Countries	Public Procurement, Innovation Policy Instruments, Innovativeness, Panel Analysis, Simulation	15, 2, 249-261	10.2507/IJSIMM15(2)5.333	Markovic-Hribernik T., Detelj K. (2016). Simulation of Public Procurement's Impact on Innovativeness of EU Countries. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 249-261
42	Wang, Y.; Lu, Y. J.; Si, C. D. & Sung, P.	Tire-Pavement Coupling Dynamic Simulation under Tire High-Speed-Rolling Condition	Tire-Pavement Coupling System, Finite Element Method, Wheel Load, Dynamic Simulation	15, 2, 236-248	10.2507/IJSIMM15(2)4.332	Wang Y., Lu Y. J., Si, C. D., Sung P. (2016). Tire-Pavement Coupling Dynamic Simulation under Tire High-Speed-Rolling Condition. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 236-248
43	Centobelli, P.; Cerchione, R.; Murino, T. & Gallo, M.	Layout and Material Flow Optimization in Digital Factory	Digital Factory, Layout Optimization, Manufacturing and Simulation Model, 3D Simulation	15, 2, 223-235	10.2507/IJSIMM15(2)3.327	Centobelli P., Cerchione R., Murino T., Gallo M. (2016). Layout and Material Flow Optimization in Digital Factory. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 223-235
44	Ahmed, R.; Shah, M. & Umar, M.	Concepts of Simulation Model Size and Complexity	Simulation Model Size, Model Complexity, Context, Methodology	15, 2, 213-222	10.2507/IJSIMM15(2)2.317	Ahmed R., Shah M., Umar M. (2016). Concepts of Simulation Model Size and Complexity. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 213-222
45	Natasha, A. R.; Ghani, J. A.; Che Haron, C. H.; Syarif, J. & Musfirah, A. H.	Temperature at the Tool-Chip Interface in Cryogenic and Dry Turning of AISI 4340 Using Carbide Tool	Cryogenic, Heat Transfer Coefficient, Temperature Gradient, Finite Element Analysis	15, 2, 201-212	10.2507/IJSIMM15(2)1.314	Natasha A. R., Ghani J. A., Che Haron C. H., Syarif J., Musfirah A. H. (2016). Temperature at the Tool-Chip Interface in Cryogenic and Dry Turning of AISI 4340 Using Carbide Tool. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 2, p. 201-212
46	Lu, X. C. & Hjelle, H. M.	A New Model for Evaluating the Volume of Laptop Spare Parts Depending on Users' Intentions Related to Laptop Use Time	Laptop Spare Parts, Users' Repair Intention, Simulation	15, 1, 181-193	10.2507/IJSIMM15(1)CO5	Lu X. C., Hjelle H. M. (2016). A New Model for Evaluating the Volume of Laptop Spare Parts Depending on Users' Intentions Related to Laptop Use Time. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 181-193
47	Li, X. Y.; Lv, Y. G.; Jiang, S. B. & Zeng, Q. L.	Effects of Spiral Line for Pick Arrangement on Boom Type Roadheader Cutting Load	Cutting Head, Pick Arrangement, Spiral Line, Cutting Head Design, Cutting Load, Boom Type Roadheader	15, 1, 170-180	10.2507/IJSIMM15(1)CO4	Li X. Y., Lv Y. G., Jiang S. B., Zeng Q. L. (2016). Effects of Spiral Line for Pick Arrangement on Boom Type Roadheader Cutting Load. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 170-180
48	Ba, L.; Li, Y.; Yang, M. S.; Gao, X. Q. & Liu, Y.	Modelling and Simulation of a Multi-Resource Flexible Job-Shop Scheduling	Multi-Resource, Scheduling, Genetic Algorithm	15, 1, 157-169	10.2507/IJSIMM15(1)CO3	Ba L., Li Y., Yang M. S., Gao X. Q., Liu Y. (2016). Modelling and Simulation of a Multi-Resource Flexible Job-Shop Scheduling. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 157-169
49	Xie, H. L.; Liu, Z. B.; Yang, J. Y.; Sheng, Z. Q. & Xu, Z. W.	Modelling of Magnetorheological Damper for Intelligent Bionic Leg and Simulation of Knee Joint Movement Control	Intelligent Bionic Leg, Magnetorheological Damper, Forward Dynamics Model, Inverse Dynamics Model, RBF Neural Network	15, 1, 144-156	10.2507/IJSIMM15(1)CO2	Xie H. L., Liu Z. B., Yang J. Y., Sheng Z. Q., Xu Z. W. (2016). Modelling of Magnetorheological Damper for Intelligent Bionic Leg and Simulation of Knee Joint Movement Control. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 144-156
50	Su, L.; Qi, Y.; Jin, L.-L. & Zhang, G.-L.	Integrated Batch Planning Optimization Based on Fuzzy Genetic and Constraint Satisfaction for Steel Production	Integrated Batch Planning, Scheduling Problem, Fuzzy Genetic	15, 1, 133-143	10.2507/IJSIMM15(1)CO1	Su L., Qi Y., Jin L.-L., Zhang G.-L. (2016). Integrated Batch Planning Optimization Based on Fuzzy Genetic and Constraint Satisfaction for Steel Production. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 133-143
51	Ramesh Kumar, L.; Padmanaban, K. P. & Balamurugan, C.	Optimal Tolerance Allocation in a Complex Assembly Using Evolutionary Algorithms	Tolerance Allocation, Manufacturing Cost, Quality Loss, Evolutionary Algorithms	15, 1, 121-132	10.2507/IJSIMM15(1)10.331	Ramesh Kumar L., Padmanaban K. P., Balamurugan C. (2016). Optimal Tolerance Allocation in a Complex Assembly Using Evolutionary Algorithms. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 121-132
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53	Rosi, B.; Grasic, L.; Dukic, G.; Opetuk, T. & Lerher, T.	Simulation-Based Performance Analysis of Automated Single-Tray Vertical Lift Module	Logistics, Automated Warehouse, Warehousing, Vertical Lift Module, Discrete Event Simulation, Performance Analysis	15, 1, 97-108	10.2507/IJSIMM15(1)8.328	Rosi B., Grasic L., Dukic G., Opetuk T., Lerher T. (2016). Simulation-Based Performance Analysis of Automated Single-Tray Vertical Lift Module. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 97-108
54	Xu, S. Y. & Raahemi, B.	A Semantic-Based Service Discovery Framework for Collaborative Environments	Service Discovery, Recommendation, Service Ontology, Similarity, Semantic	15, 1, 83-96	10.2507/IJSIMM15(1)7.326	Xu S. Y., Raahemi B. (2016). A Semantic-Based Service Discovery Framework for Collaborative Environments. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 83-96
55	Vickovic, L.; Gotovac, S. & Celar, S.	Simulation-Based Performance Analysis of the ALICE Mass Storage System	Big Data, Mass Storage System Optimization, Storage Area Network Simulation, Storage Area Network Optimization, Hierarchical Performance	15, 1, 70-82	10.2507/IJSIMM15(1)6.325	Vickovic L., Gotovac S., Celar S. (2016). Simulation-Based Performance Analysis of the ALICE Mass Storage System. <i>Int. Journal of Simulation Modelling</i> , Vol. 15, No. 1, p. 70-82
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1	Gong, D.; Liu, S. & Lu, X.	Modelling the Impacts of Resource Sharing on Supply Chain Efficiency	Resource Sharing Mode, Queuing, Modelling, Simulation, AnyLogic	14, 4, 744-755	10.2507/IJSIMM14(4)CO20	Gong D., Liu S., Lu X. (2015). Modelling the Impacts of Resource Sharing on Supply Chain Efficiency. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 744-755
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4	Yang, Z.; Qiu, H.-L.; Luo, X.-W. & Shen, D.	Simulating Schedule Optimization Problem in Steelmaking Continuous Casting Process	SCC, Scheduling Problem, Quantum-Behaved Particle Swarm Optimization	14, 4, 710-718	10.2507/IJSIMM14(4)CO17	Yang Z., Qiu H.-L., Luo X.-W., Shen D. (2015). Simulating Schedule Optimization Problem in Steelmaking Continuous Casting Process. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 710-718
5	Zhang, L.	Dynamic Optimization Model for Garment Dual-Channel Supply Chain Network: A Simulation Study	Dual-Channel, Pre-Sale Mode, Supply Chain Network, Dynamic Optimization	14, 4, 697-709	10.2507/IJSIMM14(4)CO16	Zhang L. (2015). Dynamic Optimization Model for Garment Dual-Channel Supply Chain Network: A Simulation Study. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 697-709
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9	Zhang, Z.-H. & Hu, C.	Multi-Model Stability Control Method of Underactuated Biped Robots Based on Imbalance Degrees	Underactuated Biped Robots, Varying Gait, Imbalance Degree, Multi-Model Control	14, 4, 647-657	10.2507/IJSIMM14(4)7.318	Zhang Z.-H., Hu, C. (2015). Multi-Model Stability Control Method of Underactuated Biped Robots Based on Imbalance Degrees. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 647-657
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13	Barlas, P.; Heavey, C. & Dagkakis, G.	An Open Source Tool for Automated Input Data in Simulation	Input Data Management, Discrete Event Simulation, Open Source, Core Manufacturing Simulation Data, Automation	14, 4, 596-608	10.2507/IJSIMM14(4)3.306	Barlas P., Heavey C., Dagkakis G. (2015). An Open Source Tool for Automated Input Data in Simulation. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 596-608
14	Vedenik, G. & Leber, M.	Change Management with the Aid of a Generic Model for Restructuring Business Processes	Change Management Model, Business Processes, Life Cycle, Pathological Problems, Simulation	14, 4, 584-595	10.2507/IJSIMM14(4)2.302	Vedenik G., Leber M. (2015). Change Management with the Aid of a Generic Model for Restructuring Business Processes. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 584-595
15	Klancnik, S.; Ficko, M.; Balic, J. & Pahole, I.	Computer Vision-Based Approach to End Mill Tool Monitoring	Manufacturing System, Computer Vision, Machine Vision, k-Nearest Neighbours, End Mill Tool, Neural Network	14, 4, 571-583	10.2507/IJSIMM14(4)1.301	Klancnik S., Ficko M., Balic J., Pahole I. (2015). Computer Vision-Based Approach to End Mill Tool Monitoring. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 4, p. 571-583
16	Yi, H. Y. & Guo, P.	Modelling Risk Coordination of Supply Chains with Put Option Contracts and Selective Return Policies	Risk-Averse, Put Option, Selective Buyback Contract, Supply Chain Coordination	14, 3, 551-562	10.2507/IJSIMM14(3)CO15	Yi H. Y., Guo P. (2015). Modelling Risk Coordination of Supply Chains with Put Option Contracts and Selective Return Policies. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 551-562

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18	Yang, K. W.; Zhang, P. L.; Ge, B. F. & Dou, Y. J.	A Variables Clustering Based Differential Evolution Algorithm to Solve Production Planning Problem	Weapons Production Planning, Multistage Stochastic Programming, Differential Evolution, Variable Clustering	14, 3, 525-538	10.2507/IJSIMM14(3)CO13	Yang K. W., Zhang P. L., Ge B. F., Dou Y. J. (2015). A Variables Clustering Based Differential Evolution Algorithm to Solve Production Planning Problem. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 525-538
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20	Zhu, X. N.; Yan, R. & Zhang, Q.	A Promoted Hybrid Heuristic Algorithm for Two-Dimensional Multi-Depots Vehicle Routing Problem	Vehicle Routing, Multi-Depots, Two-Dimensional Packing, Quantum-Behaved Particle Swarm Optimization, Exploration Heuristic Local Search	14, 3, 499-510	10.2507/IJSIMM14(3)CO11	Zhu X. N., Yan R., Zhang Q. (2015). A Promoted Hybrid Heuristic Algorithm for Two-Dimensional Multi-Depots Vehicle Routing Problem. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 499-510
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22	Seo, J. C.; Chung, Y. H. & Park, S. C.	On-Time Delivery Achievement of High Priority Orders in Order-Driven Fabrications	Dispatching Rules, Factory Simulation, FAB, Job Shop Scheduling, On-Time Delivery	14, 3, 475-484	10.2507/IJSIMM14(3)9.305	Seo J. C., Chung Y. H., Park S. C. (2015). On-Time Delivery Achievement of High Priority Orders in Order-Driven Fabrications. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 475-484
23	Zhou, X.	Competition or Cooperation: a Simulation of the Price Strategy of Ports	Port, Competition, Cooperation, Hotelling Model	14, 3, 463-474	10.2507/IJSIMM14(3)8.303	Zhou X. (2015). Competition or Cooperation: a Simulation of the Price Strategy of Ports. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 463-474
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25	Lv, Z.-L.; Tang, B.-P.; Zhou, Y. & Zhou, C.-D.	A Novel Fault Diagnosis Method for Rotating Machinery Based on EEMD and MCKD	Maximum Correlated Kurtosis Deconvolution (MCKD), Incipient Fault Enhancement, Fault Feature Extraction	14, 3, 438-449	10.2507/IJSIMM14(3)6.298	Lv Z.-L., Tang B.-P., Zhou Y., Zhou C.-D. (2015). A Novel Fault Diagnosis Method for Rotating Machinery Based on EEMD and MCKD. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 438-449
26	Chang, B. H.; Yin, J. P.; Cui, Z. Q. & Liu, T. X.	Numerical Simulation of Modified Low-Density Jet Penetrating Shell Charge	Explosive Mechanics, Numerical Simulation, Finite Element Model, Low-Density Jet	14, 3, 426-437	10.2507/IJSIMM14(3)5.295	Chang B. H., Yin J. P., Cui Z. Q., Liu T. X. (2015). Numerical Simulation of Modified Low-Density Jet Penetrating Shell Charge. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 3, p. 426-437
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31	Liu, C. H. & Xiong, W.	Modelling and Simulation of Quality Risk Forecasting in a Supply Chain	Quality Risks, Chaos Particle Swarm Optimization, Support Vector Machines, Forecast Modelling, Supply Chain, House of Quality, Quality Function	14, 2, 359-370	10.2507/IJSIMM14(2)CO10	Liu C. H., Xiong W. (2015). Modelling and Simulation of Quality Risk Forecasting in a Supply Chain. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 2, p. 359-370
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33	Pang, Q. H.; Wu, X. Y.; Tan, M. L. & Cao, X. Y.	Supply Chain Coordination Using Revenue-Sharing Contract with Distributor's Effort Dependent Demand	Supply Chain Coordination, Revenue-Sharing Contract, Effort, Quantity Discount	14, 2, 335-348	10.2507/IJSIMM14(2)CO8	Pang Q. H., Wu X. Y., Tan M. L., Cao X. Y. (2015). Supply Chain Coordination Using Revenue-Sharing Contract with Distributor's Effort Dependent Demand. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 2, p. 335-348
34	Xu, R. G.	Multiple Traffic Jams in Full Velocity Difference Model with Reaction-Time Delay	Full Velocity Difference Model, Reaction-Time Delay, Stability, Bifurcation, Numerical Continuation, Traffic Patterns	14, 2, 325-334	10.2507/IJSIMM14(2)CO7	Xu R. G. (2015). Multiple Traffic Jams in Full Velocity Difference Model with Reaction-Time Delay. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 2, p. 325-334
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41	Ternik, P. & Buchmeister, J.	Buoyancy-Induced Flow and Heat Transfer of Power Law Fluids in a Side Heated Square Cavity	Laminar Natural Convection, Differentially Heated Cavity, Mean Nusselt Number, Critical Rayleigh Number, Numerical Modelling	14, 2, 238-249	10.2507/IJSIMM14(2)5.293	Ternik P., Buchmeister J. (2015). Buoyancy-Induced Flow and Heat Transfer of Power Law Fluids in a Side Heated Square Cavity. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 2, p. 238-249
42	Acko, B.; Brezovnik, S.; Crepinsek Lipus, L. & Klobucar, R.	Verification of Statistical Calculations in Interlaboratory Comparisons by Simulating Input Datasets	Interlaboratory Comparison, Validation Software, Performance Metrics, Verification, Simulation	14, 2, 227-237	10.2507/IJSIMM14(2)4.288	Acko B., Brezovnik S., Crepinsek Lipus L., Klobucar R. (2015). Verification of Statistical Calculations in Interlaboratory Comparisons by Simulating Input Datasets. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 2, p. 227-237
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46	He, L. X. & He, S. H.	Solving Water Resource Scheduling Problem through an Improved Artificial Fish Swarm Algorithm	Water Sources Scheduling, Supply Chain Management, Artificial Fish Swarm Algorithm, Adaptive Strategy	14, 1, 170-181	10.2507/IJSIMM14(1)CO5	He L. X., He S. H. (2015). Solving Water Resource Scheduling Problem through an Improved Artificial Fish Swarm Algorithm. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 1, p. 170-181
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51	Mantaras, D. A. & Luque, P.	Assessing Motorcyclist Protection Systems Using Finite Element Simulations	Finite Element, Motorcyclist Protection, Roadside Safety	14, 1, 110-120	10.2507/IJSIMM14(1)10.294	Mantaras D. A., Luque P. (2015). Assessing Motorcyclist Protection Systems Using Finite Element Simulations. <i>Int. Journal of Simulation Modelling</i> , Vol. 14, No. 1, p. 110-120
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13	Pan, R.; Zhang, W.; Yang, S. & Xiao, Y.	A State Entropy Model Integrated with BSC and ANP for Supplier Evaluation and Selection	State Entropy, Supplier Evaluation, Analytic Network Process, Balanced Scorecard	13, 3, 348-363	10.2507/IJSIMM13(3)CO13	Pan R., Zhang W., Yang S., Xiao Y. (2014). A State Entropy Model Integrated with BSC and ANP for Supplier Evaluation and Selection. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 3, p. 348-363

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15	Deng, X.-Y.	A Parallel Optimization Algorithm for Steel Plate Pick-Up Operation Scheduling Problem	Operation Scheduling, Parallel Optimization, Parallel Genetic Algorithm, Steel Plate Pick-Up Operation	13, 3, 323-334	10.2507/IJSIMM13(3)CO11	Deng X.-Y. (2014). A Parallel Optimization Algorithm for Steel Plate Pick-Up Operation Scheduling Problem. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 3, p. 323-334
16	Ternik, P. & Rudolf, R.	Laminar Forced Convection Heat Transfer Characteristics from a Heated Cylinder in Water Based Nanofluids	Laminar Flow, Circular Cylinder, Nusselt Number, Heat Transfer Rate Enhancement, Numerical Modelling	13, 3, 312-322	10.2507/IJSIMM13(3)5.271	Ternik P., Rudolf R. (2014). Laminar Forced Convection Heat Transfer Characteristics from a Heated Cylinder in Water Based Nanofluids. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 3, p. 312-322
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19	Adeyemo, J. A. & Olofintoye, O. O.	Evaluation of Combined Pareto Multiobjective Differential Evolution on Tuneable Problems	Multi-Objective Optimization, Constraints, Differential Evolution, Tuneable Test Beds, Evolutionary Algorithms	13, 3, 276-287	10.2507/IJSIMM13(3)2.264	Adeyemo J. A., Olofintoye O. O. (2014). Evaluation of Combined Pareto Multiobjective Differential Evolution on Tuneable Problems. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 3, p. 276-287
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28	Urbancic, T.; Kosmatin Fras, M.; Stopar, B. & Koler, B.	The Influence of the Input Parameters Selection on the RANSAC Results	RANSAC, Simulation, Input Parameters, Plane Model, Sphere Model	13, 2, 159-170	10.2507/IJSIMM13(2)3.258	Urbancic T., Kosmatin Fras M., Stopar B., Koler B. (2014). The Influence of the Input Parameters Selection on the RANSAC Results. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 2, p. 159-170
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30	Leber, M.; Weber, C.; Adam, F. & Leber, M.	Mobile Application as an Innovative Supply Chain Concept and the Impact of Social Capital	Social Capital, Virtual Factory, Supply Chain, End-User Integration, Order Course Simulation	13, 2, 135-146	10.2507/IJSIMM13(2)1.255	Leber M., Weber C., Adam F., Leber M. (2014). Mobile Application as an Innovative Supply Chain Concept and the Impact of Social Capital. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 2, p. 135-146
31	Lu, X. C.; Chen, Q. B. & Zhang, Z. J.	The Electric Vehicle Routing Optimizing Algorithm and the Charging Stations' Layout Analysis in Beijing	Electric Vehicles' Routing Optimizing, Multi-agent Simulation Model, Charging Stations Layout	13, 1, 116-127	10.2507/IJSIMM13(1)CO4	Lu X. C., Chen Q. B., Zhang Z. J. (2014). The Electric Vehicle Routing Optimizing Algorithm and the Charging Stations' Layout Analysis in Beijing. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 116-127
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33	Jian, C. F. & Wang, Y.	Batch Task Scheduling-Oriented Optimization Modelling and Simulation in Cloud Manufacturing	Cloud Manufacturing, Batch Task Scheduling, Improved Cooperative Particle Swarm Optimization	13, 1, 93-101	10.2507/IJSIMM13(1)CO2	Jian C. F., Wang Y. (2014). Batch Task Scheduling-Oriented Optimization Modelling and Simulation in Cloud Manufacturing. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 93-101
34	Liu, S. & Gong, D.	Modelling and Simulation on Recycling of Electric Vehicle Batteries – Using Agent Approach	Electric Vehicle, Battery Recycling, Agent, Modelling, Simulation	13, 1, 79-92	10.2507/IJSIMM13(1)CO1	Liu S., Gong D. (2014). Modelling and Simulation on Recycling of Electric Vehicle Batteries – Using Agent Approach. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 79-92
35	Debevec, M.; Simic, M. & Herakovic, N.	Virtual Factory as an Advanced Approach for Production Process Optimization	Virtual Factory, Unavailability of Resources, Modelling, Simulation, Optimization	13, 1, 66-78	10.2507/IJSIMM13(1)6.260	Debevec M., Simic M., Herakovic N. (2014). Virtual Factory as an Advanced Approach for Production Process Optimization. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 66-78
36	Todorovic, P.; Vukelic, D.; Tadic, B.; Veljkovic, D.; Budak, I.; Macuzic, I. & Lalic, B.	Modelling of Dynamic Compliance of Fixture/Workpiece Interface	Fixture, Modelling, Compliance, Stiffness, Damping, Dynamic Load	13, 1, 54-65	10.2507/IJSIMM13(1)5.254	Todorovic P., Vukelic D., Tadic B., Veljkovic D., Budak I., Macuzic I., Lalic B. (2014). Modelling of Dynamic Compliance of Fixture/Workpiece Interface. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 54-65
37	Zvar Baskovic, U., Lorenz, M. & Butala, V.	Adiabatic Flow Simulation in an Air-Conditioned Vehicle Passenger Compartment	Air-Velocity Field, Electric Vehicle, CFD Simulation, Near-Wall Numerical Approaches, Turbulent Flow Modelling, Geometry, Thermal Comfort Model	13, 1, 42-53	10.2507/IJSIMM13(1)4.253	Zvar Baskovic U., Lorenz M., Butala V. (2014). Adiabatic Flow Simulation in an Air-Conditioned Vehicle Passenger Compartment. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 42-53
38	Hrelja, M.; Klančnik, S.; Balic, J. & Brezocnik, M.	Modelling of a Turning Process Using the Gravitational Search Algorithm	Machining, CNC Turning, Artificial Intelligence, Modelling, Gravitational Search Algorithm	13, 1, 30-41	10.2507/IJSIMM13(1)3.248	Hrelja M., Klančnik S., Balic J., Brezocnik M. (2014). Modelling of a Turning Process Using the Gravitational Search Algorithm. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 30-41
39	Diez, M.; Mula, J. & Campuzano-Bolarin, F.	Improvement of a Distribution Network of a Direct Sale Cosmetics Supply Chain	Supply Chain Management, Distribution Management, Logistics, Simulation	13, 1, 16-29	10.2507/IJSIMM13(1)2.245	Diez M., Mula J., Campuzano-Bolarin F. (2014). Improvement of a Distribution Network of a Direct Sale Cosmetics Supply Chain. <i>Int. Journal of Simulation Modelling</i> , Vol. 13, No. 1, p. 16-29
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1	Deng, W. J.; Xie, Z. C.; Li, Q. & Lin, P.	Finite Element Modelling and Simulation of Chip Breaking with Grooved Tool	Orthogonal Machining, Chip breaking, Grooved Tool, FEM, Chip Fracture Criterion	12, 4, 264-275	10.2507/IJSIMM12(4)5.250	Deng W. J., Xie Z. C., Li Q., Lin P. (2013). Finite Element Modelling and Simulation of Chip Breaking with Grooved Tool. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 4, p. 264-275
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4	Saric, T.; Simunovic, G. & Simunovic, K.	Use of Neural Networks in Prediction and Simulation of Steel Surface Roughness	Neural Networks, Surface Roughness, Face Milling, Modelling and Simulation	12, 4, 225-236	10.2507/IJSIMM12(4)2.241	Saric T., Simunovic G., Simunovic K. (2013). Use of Neural Networks in Prediction and Simulation of Steel Surface Roughness. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 4, p. 225-236
5	Gracanin, D.; Lalic, B.; Beker, I.; Lalic, D. & Buchmeister, B.	Cost-Time Profile Simulation for Job Shop Scheduling Decisions	Cost-Time Profile, Lean Manufacturing, Value Stream Costing, Scheduling, Cost-Time Investment Simulation	12, 4, 213-224	10.2507/IJSIMM12(4)1.237	Gracanin D., Lalic B., Beker I., Lalic D., Buchmeister B. (2013). Cost-Time Profile Simulation for Job Shop Scheduling Decisions. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 4, p. 213-224
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8	Al-Hawari, T.; Ahmed, A.; Khrais, S. & Mumani, A.	Impact of Assignment, Inventory Policies and Demand Patterns on Supply Chain Performance	Supply Chain Management, Assignment Policies, Inventory Policies, Simulation	12, 3, 164-177	10.2507/IJSIMM12(3)3.235	Al-Hawari T., Ahmed A., Khrais S., Mumani A. (2013). Impact of Assignment, Inventory Policies and Demand Patterns on Supply Chain Performance. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 3, p. 164-177
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10	Simunovic, G.; Simunovic, K. & Saric, T.	Modelling and Simulation of Surface Roughness in Face Milling	Face Milling, Central Composite Design, Regression, Neural Networks, Modelling and Simulation	12, 3, 141-153	10.2507/IJSIMM12(3)1.219	Simunovic G., Simunovic K., Saric T. (2013). Modelling and Simulation of Surface Roughness in Face Milling. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 3, p. 141-153
11	Deng, W. J.; Li, Q.; Xie, Z. C. & Lin, P.	Numerical Analysis of Rectangular Groove Cutting with Different RC Tools	Restricted Contact Shape, RC Tools, FEM, Rectangular Groove Cutting, Metal Cutting	12, 2, 120-131	10.2507/IJSIMM12(2)5.243	Deng W. J., Li Q., Xie Z. C., Lin P. (2013). Numerical Analysis of Rectangular Groove Cutting with Different RC Tools. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 2, p. 120-131

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13	Bilus, I.; Morgut, M. & Nobile, E.	Simulation of Sheet and Cloud Cavitation with Homogenous Transport Models	Cavitation, Numerical Simulation, Homogenous Transport Model	12, 2, 94-106	10.2507/IJSIMM12(2)3.229	Bilus I., Morgut M., Nobile E. (2013). Simulation of Sheet and Cloud Cavitation with Homogenous Transport Models. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 2, p. 94-106
14	Popescu, D.; Anania, F. D.; Cotet, C. E. & Amza, C. G.	Fully-Automated Liquid Penetrant Inspection Line Simulation Model for Increasing Productivity	Discrete Event Simulation, LPI Line Design, Productivity, Optimization	12, 2, 82-93	10.2507/IJSIMM12(2)2.225	Popescu D., Anania F. D., Cotet C. E., Amza C. G. (2013). Fully-Automated Liquid Penetrant Inspection Line Simulation Model for Increasing Productivity. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 2, p. 82-93
15	Rizvi, S. S.	A Logical Process Simulation Model for Conservative Distributed Simulation Systems	Discrete-Event Simulation, Distributed Systems, Large-Scale Networks, Queuing Model, Parallel Computing	12, 2, 69-81	10.2507/IJSIMM12(2)1.224	Rizvi S. S. (2013). A Logical Process Simulation Model for Conservative Distributed Simulation Systems. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 2, p. 69-81
16	Bekker, J.	Multi-Objective Buffer Space Allocation with the Cross-Entropy Method	Cross-Entropy, Simulation, Multi-Objective Optimisation, Buffer Allocation	12, 1, 50-61	10.2507/IJSIMM12(1)5.228	Bekker J. (2013). Multi-Objective Buffer Space Allocation with the Cross-Entropy Method. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 1, p. 50-61
17	Krajnc, M. & Dolsak, B.	Computer and Experimental Simulation of Biomass Production Using Drum Chipper	Biomass, Drum Chipper, Production Optimisation, Influential Parameters, Simulation Model	12, 1, 39-49	10.2507/IJSIMM12(1)4.223	Krajnc M., Dolsak B. (2013). Computer and Experimental Simulation of Biomass Production Using Drum Chipper. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 1, p. 39-49
18	Curkovic, P.; Jerbic, B. & Stipancic, T.	Coordination of Robots with Overlapping Workspaces Based on Motion Co-evolution	Motion Planning, Industrial Robots, Co-evolutionary Algorithm	12, 1, 27-38	10.2507/IJSIMM12(1)3.222	Curkovic P., Jerbic B., Stipancic T. (2013). Coordination of Robots with Overlapping Workspaces Based on Motion Co-evolution. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 1, p. 27-38
19	Goyal, K. K.; Jain, P. K. & Jain, M.	Applying Swarm Intelligence to Design the Reconfigurable Flow Lines	Reconfigurable Manufacturing System, Reconfigurable Machine Tool, Single Part Reconfigurable Flow Line, Multiple Objective	12, 1, 17-26	10.2507/IJSIMM12(1)2.220	Goyal K. K., Jain P. K., Jain M. (2013). Applying Swarm Intelligence to Design the Reconfigurable Flow Lines. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 1, p. 17-26
20	Ternik, P. & Rudolf, R.	Laminar Natural Convection of Non-Newtonian Nanofluids in a Square Enclosure with Differentially Heated Side Walls	Natural Convection, Non-Newtonian Nanofluids, Mean Nusselt Number, Heat Transfer Rate Enhancement, Numerical Modelling	12, 1, 5-16	10.2507/IJSIMM12(1)1.215	Ternik P., Rudolf R. (2013). Laminar Natural Convection of Non-Newtonian Nanofluids in a Square Enclosure with Differentially Heated Side Walls. <i>Int. Journal of Simulation Modelling</i> , Vol. 12, No. 1, p. 5-16
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5	Azimi, P.	SimSum1: a General Optimisation via Simulation Approach for 0-1 Programming Models	Discrete Event Simulation, Dynamic Facility Layout Problem, Graph Labelling Problems, Travelling Salesman Problem, Zero-One Programming	11, 3, 150-164	10.2507/IJSIMM11(3)4.206	Azimi P. (2012). SimSum1: a General Optimisation via Simulation Approach for 0-1 Programming Models. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 3, p. 150-164
6	Lipus, L. C.; Acko, B. & Hamler, A.	Magnetic Device Simulation Modelling and Optimisation for Scale Control	Magnetic Water Treatment, Magnetic-Field Simulation, Three-Dimensional Model	11, 3, 141-149	10.2507/IJSIMM11(3)3.205	Lipus L. C., Acko B., Hamler A. (2012). Magnetic Device Simulation Modelling and Optimisation for Scale Control. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 3, p. 141-149
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12	Tamizharasan, T. & Senthil Kumar, N.	Optimization of Cutting Insert Geometry Using DEFORM-3D: Numerical Simulation and Experimental Validation	Tool Geometry, Flank Wear, FE Analysis, S/N Ratio, ANOVA, DEFORM-3D	11, 2, 65-76	10.2507/IJSIMM11(2)1.200	Tamizharasan T., Senthil Kumar N. (2012). Optimization of Cutting Insert Geometry Using DEFORM-3D: Numerical Simulation and Experimental Validation. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 2, p. 65-76
13	White, L. R.	A Hierarchical Production Planning System Simulator	Distributed Decision Making, Hierarchical Production Planning, Hierarchical Modelling, Simulation, Feedback and Control, Information	11, 1, 40-57	10.2507/IJSIMM11(1)4.199	White L. R. (2012). A Hierarchical Production Planning System Simulator. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 1, p. 40-57
14	Ternik, P. & Rudolf, R.	Heat Transfer Enhancement for Natural Convection Flow of Water-Based Nanofluids in a Square Enclosure	Natural Convection, Nanofluids, Square Cavity, Heat Transfer, Numerical Modelling	11, 1, 29-39	10.2507/IJSIMM11(1)3.198	Ternik P., Rudolf R. (2012). Heat Transfer Enhancement for Natural Convection Flow of Water-Based Nanofluids in a Square Enclosure. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 1, p. 29-39
15	Vijay Sekar, K. S. & Pradeep Kumar, M.	Optimising Flow Stress Input for Machining Simulations Using Taguchi Methodology	Taguchi Optimisation, Finite Element Simulation, Orthogonal Cutting, Titanium Alloys, Flow Stress Models	11, 1, 17-28	10.2507/IJSIMM11(1)2.195	Vijay Sekar K. S., Pradeep Kumar M. (2012). Optimising Flow Stress Input for Machining Simulations Using Taguchi Methodology. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 1, p. 17-28
16	Barkallah, M.; Louati, J. & Haddar, M.	Evaluation of Manufacturing Tolerance Using a Statistical Method and Experimentation	Manufacturing Tolerancing, Statistical Analysis, Simulation, Three-Dimensional Model, Process Planning	11, 1, 5-16	10.2507/IJSIMM11(1)1.194	Barkallah M., Louati J., Haddar M. (2012). Evaluation of Manufacturing Tolerance Using a Statistical Method and Experimentation. <i>Int. Journal of Simulation Modelling</i> , Vol. 11, No. 1, p. 5-16