

JABATAN KEJURUTERAAN MEKANIKAL DAN PEMBUATAN / DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

Jurnal/Journals

1. A.B. Abdullah, **S.M. Sapuan**, Z. Samad, H.M.T. Khaleed and N.A. Aziz, 2013, Geometrical Defect Evaluation of Cold Embossing AA6061 Based on FEA and Physical Modeling Technique, Applied Mechanics and Materials, Vol. 315 (2013), pp. 141-145, Thomson ISI (IF= 0.656)
2. A.B. Abdullah, **S.M. Sapuan**, Z. Samad, H.M.T. Khaleed and N.A. Aziz, 2013, Numerical Investigation of Geometrical Defect in Cold Forging of An AUV Blade Pin Head, Journal of Manufacturing Processes, Vol. 15 (2013), pp. 141 - 150, Thomson ISI (IF=1.058)
3. J.Sahari, **S.M. Sapuan**, E.S. Zainudin, M.A. Maleque, 2013, Mechanical and Thermal Properties of Environmentally Friendly Composites Derived From Sugar Palm Tree, Materials and Design, Vol. 49 (2013), pp. 285-289, Thomson ISI (IF=2.2)
4. J.Sahari, **S.M. Sapuan**, E.S. Zainudin, M.A. Maleque, 2013, Thermo-Mechanical Behaviours of Thermoplastic Starch Derived From Sugar Palm Tree) *Arenga pinnata*, Carbohydrate Polymers, Vol. 92 (2013), pp. 1711-1716, Thomson ISI (IF=3.987)
5. H. Abral, H. Putra, **S.M. Sapuan** and M.R. Ishak, 2013, Effect of Alkalization on Mechanical Properties of Water Hyacinth Fibers-Unsaturated Polyester Composites, Polymer-Plastics Technology and Engineering, Vol. 52 (2013), pp. 446-451, Thomson ISI (IF=1.279)
6. M.D. Azaman, **S.M. Sapuan**, S. Sulaiman, E. S. Zainudin, K. Abdan, 2013, An Investigation of The Processability of Natural Fibre Reinforce Polymer Composites on Shallow and Flat Thin-Walled Parts by Injection Moulding Process, Materials and Design, Vol. 50 (2013), pp. 451-456, Thomson ISI (IF=2.2)
7. **S.M. Sapuan**, Fei-ling Pua, Y.A. El-Shekeil, Faris M. Al-Oqla, 2013, Mechanical Properties of Soil Buried Kenaf Fibre Reinforced Thermoplastic Polyurethane Composites, Materials and Design, Vol. 50 (2013), pp. 467-470, Thomson ISI (IF=2.2)
8. M.D. Azaman, **S.M. Sapuan**, S. Sulaiman, E. S. Zainudin, A. Khalina, 2013, Shrinkages and warpage in the processability of wood-filled polypropylene composite thin-walled parts formed by injection molding, Materials and Design, Vol. 52 (2013), pp. 1018-1026, Thomson ISI (IF=2.2)
9. M.R. Mansor, **S.M. Sapuan**, E.S. Zainudin, A.A. Nuraini, A. Hambali, 2013, Hybrid natural and glass fibers reinforced polymer composites material selection using Analytical Hierarchy Process for automotive brake lever design, Materials and Design, Vol. 51 (2013), pp. 484-492, Thomson ISI (IF=2.2)
10. J.Sahari, **S.M. Sapuan**, E.S. Zainudin, M.A. Maleque, 2013, Effect of water absorption on mechanical properties of sugar palm tree reinforced sugar palm starch (SPF/SPS) biocomposites, Journal of Biobased Materials and Bioenergy, Vol. 7, No. 1, pp. 90-94, Thomson ISI (IF=1.04)
11. F.L. Pua, **S.M. Sapuan**, E.S. Zainudin, M.Z. Adib, 2013, Effect of fibre surface modification on properties of Kanaf/Poly (vinyl alcohol) composite film, Journal of Biobased Materials and Bioenergy, Vol. 7, No. 1, pp. 95-101, Thomson ISI (IF=1.04)
12. **S.M. Sapuan**, H.Y. Lok, M.R. ishak and S. Misri, 2013, Mechanical properties of hybrid glass/sugar palm fibre reinforced unsaturated polyester composites, Chinese Journal of Polymer Science, Vol. 31, No. 10, pp. 1394-1403, Thomson ISI (IF=1.27)
13. **S. Sulaiman**, M.K.A. Ariffin, S.H. Tang, A. Saleh, 2013, Influence of Pattern Coating Thickness on Porosity and Mechanical Properties of Lost Foam Casting of Al-Si (LM6) Alloy, Applied Mechanics and Materials, Vol. 300-301 (2013), pp. 1281-1284, Thomson ISI (IF=0.656)
14. Z. Firoozi, **S.H. Tang**, Sh. Ariafor, M.K.A. Ariffin, 2013, An Optimization Approach for A Joint Location Inventory Model CONSIDERING Quantity Discount Policy, Arab Journal Science Engineering, Vol. 38 (2013), pp. 983-991, Thomson ISI (IF=0.243)
15. H. Nouri, **S.H. Tang**, 2013, Development of Bacteria Foraging Optimization Algorithm for Cell Formation in Cellular Manufacturing System considering Cell Load Variations, Journal of Manufacturing Systems, Vol. 32 (2013), pp. 20-31, Thomson ISI (IF=0.928)
16. **S.H. Tang**, H.H. Teo, R. Samin, S. Sulaiman, W. Khaksar, 2013, Development of An Educational Robotic Training Kit, Advanced Science Letters, Vol. 19, No. 11, pp. 3304-3306, Thomson ISI (IF=1.253)
17. **S.H. Tang**, C.K. Ang, D.N. Nia, M.K.A. Ariffin, 2013, Planning for Redundant Manipulator on Back-Propagation Neural Network, Advanced Science Letters, Vol. 19, No. 11, pp. 3310-3317, Thomson ISI (IF=1.253)
18. W. Khaksar, **T.S. Hong**, M. Khaksar, O.R.E. Motlagh, 2013, A genetic-based optimized fuzzy-tabu controller for mobile robot randomized navigation in unknown environment, International Journal of Innovative Computing, Information and Control, Vol. 9, No. 5, pp. 2185-2202, Thomson ISI (IF=2.93)
19. **T.S. Hong**, M. Ghobakhloo, 2013, IT investments and product development effectiveness: Iranian SBs, Industrial Management and Data Systems, Vol. 113, No. 2, pp. 265-293, Thomson ISI (IF=1.674)

20. **A.A. Faieza**, M. Ghazizadeh, 2013, Quality Management Tools for Customer Satisfaction in Service Industry, *Advanced Science Letters*, Vol. 19, No. 2, pp. 570-573, Thomson ISI (IF= 1.253)
21. A.H. Lilehkoohi, **A.A. Faieza**, B.B. Sahari, A.A. Nuraini, M. Halali, 2013, Effect of Material on Crashworthiness for Side Doors and B Pillar Subjected to Euro NCAP Side Impact Crash Test, *Advanced Science Letters*, Vol. 19, No. 2, pp. 359-362, Thomson ISI (IF= 1.253)
22. A.H. Lilehkoohi, **A.A. Faieza**, B.B. Sahari, A.A. Nuraini, M. Halali, 2013, Crashworthiness Determination for Front and Rear Doors and B Pillar Subjected to Side Impact Crash by A Mobile Deformable Barrier, *Advanced Science Letters*, Vol. 19, No. 2, pp. 392-395, Thomson ISI (IF= 1.253)
23. **A.A. Faieza**, M.S. Omid, 2013, Identification of Barriers in Production Line Installation for Packaging Industry Using Delphi Method, *Advanced Science Letters*, Vol. 19, No. 2, pp. 574-577, Thomson ISI (IF= 1.253)
24. A.H. Lilehkoohi, **A.A. Faieza**, B.B. Sahari, A.A. Nuraini, M. Halali, 2013, Effect of material and thickness of side doors and B pillar on crashworthiness in euro NCAP side impact crash test, *Advanced Science Letters*, Vol. 19, No. 2, pp. 420-424, Thomson ISI (IF= 1.253)
25. R. Zamri, **N. Ismail**, B.T.H.T. Baharudin, A.H.M. Ariff, A.S. Prabuwo, 2013, Vision Sensor Application for Intelligent Polishing Robotic Cell, *Applied Mechanics and Materials*, Vol. 300-301 (2013), pp. 436-439, Thomson ISI (IF=0.656)
26. S.C. Ng, **N. Ismail**, A. Ali, B. B. Sahari, 2013, Defect Reconstruction in Laminated Composites by Ultrasonic Imaging, *Applied Mechanics and Materials*, Vol. 263-266 (2013), pp. 371-377, Thomson ISI (IF=0.656)
27. Sh. Ariafar, **N. Ismail**, M.K.A. Ariffin, S.H. Tang, Z. Firoozi, 2013, Illustration and Model Verification for An Inter-Cell and Intra-Cell Facility Layout Problem in a Cellular Manufacturing System, *Applied Mechanics and Materials*, Vol. 263-266 (2013), pp. 1310-1314, Thomson ISI (IF=0.656)
28. A. Arab, **N. Ismail**, L.S. Lee, 2013, Maintenance scheduling incorporating dynamics of production system and real-time information from workstations, *Journal of Intelligent Manufacturing*, Vol. 24, No. 4, pp. 695-705, Thomson ISI (IF=1.278)
29. R.Raminfar, **N. Zulkifli**, M. Vasili, S.H.Tang, 2013, An Integrated Model For Production Planning and Cell Formation in Cellular Manufacturing Systems, *Journal of Applied Mathematics*, Vol. 2013, 10 pages, Thomson ISI (IF=0.834)
30. R. Raminfar, **N. Zulkifli**, M. Vasili, 2013, A mathematical programming model for cell formation problem with machine replication, *Journal of Applied Mathematics*, Vol. 2013, 9 pages, Thomson ISI (IF=0.834)
31. A. Anvari, **N. Zulkifli**, R.M. Yusuff, 2013, A dynamic modeling to measure lean performance within lean attributes, *International Journal of Advanced Manufacturing Technology*, Vol. 66, No. 5-8, pp. 663-677, Thomson ISI (IF=1.1)
32. M.N. Kasirin, **R.M. Yusuff**, 2013, An Integration of A Hybrid Modified TOPSIS With A PGP Model For The Supplier Selection With Interdependent Criteria, *International Journal of Production Research*, Vol. 51, No. 4, pp. 1037-1054, Thomson ISI (IF=1.115)
33. M.A. Sajedi, **R.M. Yusuff**, A.L. Majid Zerfat, N. Zulkifli, Y. Ismail, M. Gholamzadeh, M. Mojahed, 2013, An improved TOPSIS/EFQM methodology for evaluating the performance of organizations, *Life Science Journal*, Vol. 10, No. 1, pp. 4315-4322, Thomson ISI (IF=0.165)
34. M.A. Sajedi, **R.M. Yusuff**, A.L. Majid Zerfat, A. Mustafa, N. Zulkifli, Y. Ismail, M. Gholamzadeh, M. Mojahed, 2013, An enhanced EFQM/AHP methodology for evaluating the performance of organization, *Life Science Journal*, Vol. 10, No. 1, pp. 2934-2941, Thomson ISI (IF=0.165)
35. M. Yousefi, **R.M. Yusuff**, 2013, Minimising earliness and tardiness penalties in single machine scheduling against common due date using imperialist competitive algorithm, *International Journal of Production Research*, Vol. 51, No. 16, pp. 4797-4804, Thomson ISI (IF=1.115)
36. A.R. Afshari, **R.M. Yusuff**, A.R. Derayatifar, 2013, Linguistic extension of fuzzy integral for group personnel selection problem, *Arabian Journal for Science and Engineering*, Vol. 38, No. 10, pp. 2901-2910, Thomson ISI (IF=0.385)
37. M.I.Najafabadi, **N.A. Aziz**, N.M. Adam, A.M.Leman, 2013, Effects of Intake Temperature and Equivalence Ratio on HCCI Ignition Timing and Emission of a 2-Stroke Engine, *Applied Mechanics and Materials*, Vol. 315 (2013), pp. 498-502, Thomson ISI (IF=0.656)
38. E. Falatoonitoosi, **Z. Leman**, S. Sorooshian, 2013, Modeling for green supply chain evaluation, *Mathematical Problems in Engineering*, Vol. 2013, 9 pages, Thomson ISI (IF=1.383)
39. M. Bahraminasab, **B.B. Sahari**, K.L. Edwards, F. Farahmand, M. Arumugam, 2013, Aseptic Loosening of Femoral Components-Materials Engineering and Design Considerations, *Materials and Design*, Vol. 44 (2013), pp. 155-163, Thomson ISI (2.2)

40. M. Bahraminasab, **B.B. Sahari**, K.L. Edwards, F. Farahmand, T.S. Hong, H. Naghibi, 2013, Material tailoring of the femoral component in a total knee replacement to reduce the problem of aseptic loosening, *Materials and Design*, Vol. 52 (2013), pp. 441-451, Thomson ISI (IF=2.2)
41. I. S. Aji, **E.S. Zainudin**, K. Abdan, S.M. Sapuan, M.D. Khairul, 2013, Mechanical Properties and Water Absorption Behavior of Hybridized Kenaf/Pineapple Leaf Fibre-Reinforced High-Density polyethylene Composite, *Journal of Composite Materials*, Vol. 47, No. 8, pp. 979-990, Thomson ISI (IF=0.936)
42. M. Yusuf, **M.K.A. Ariffin**, N. Ismail, S. Sulaiman, 2013, Chip Formation and Surface Roughness in Dry Machining of Aluminium Alloys, *Advanced Science Letters*, Vol. 19, No. 8, pp. 2343-2346, Thomson ISI (IF=1.253)
43. M.U. Rosli, **M.K.A. Ariffin**, S.M. Sapuan, S. Sulaiman, Integrated AHP-TRIZ innovation method for automotive door panel design, *International Journal of Engineering and Technology*, Vol. 5, No. 3, pp. 3158-3167, Thomson ISI (IF=0.9387)
44. **O. Inayatullah**, N. Jamaludin, M.J.M. Nor, 2013, Application of Acoustic Emission Technique to Monitor the Viscosity of Single Grade Diesel Engine Lubricant Oil, *Advanced Science Letters*, Vol. 19, No. 1, pp. 216-220, Thomson ISI (IF=1.253)
45. A. Golshan, D. Ghodsiyeh, S. Gohari, A. Ayob and **B.T. Hang Tuah Baharudin**, 2013, Optimization of Machining Parameters During Drilling Of 7075 Aluminium Alloy, *Applied Mechanics and Materials*, Vol. 248 (2013), pp. 20-25, Thomson ISI (IF=0.656)
46. A. Golshan, D. Ghodsiyeh, S. Gohari, A. Ayob and **B.T. Hang Tuah Baharudin**, 2013, Computational Intelligence in Optimization of Machining Operation Parameters of ST-37 Steel, *Applied Mechanics and Materials*, Vol. 248 (2013), pp. 456-461, Thomson ISI (IF=0.656)
47. M. Mohammad, M.R. Osman, **R.M. Yusuff**, I. Masood, M.S. Yahya and M.A.S.M. Jalil, 2013, Strategies For Integrating Quality, Environmental, Safety and Health Management Systems, *Applied Mechanics and Materials*, Vol. 315 (2013), pp. 894-898, Thomson ISI (IF=0.656)
48. M.R. Ahmad, M.H.M. Yahya, **M.R. Hassan**, J. Salleh, W.Y.W. Ahmad, N. Hassim, 2013, Production of shape memory alloy core-sheath friction yarns, *Fibres and Textiles in Eastern Europe*, Vol. 99, No. 3, pp. 68-72, Thomson ISI (IF=0.801)
49. M.M.S. Dezfouli, **M.R. Hassan**, M.H. Ruslan, S. Mat, B. Bakhtyar, 2013, Experimental and theoretical investigations of the impact localization of a passive smart composite plate fabricated using piezoelectric materials, *Advances in Materials Science and Engineering*, Vol. 2013, 12 pages, Thomson ISI (IF=0.5)
50. B. Ganjeh, **M.R. Hassan**, 2013, Cost-efficient composite processing techniques for aerospace applications-A review, *Applied Mechanics and Materials*, Vol. 327 (2013), pp. 1465-1470, Thomson ISI (IF=0.656)
51. **M.I.S. Ismail**, Y. Okamoto and A. Okada, 2013, Neural Network Modeling for Prediction of Weld Bead Geometry in Laser Micro-welding, *Advances in Optical Technologies*, Vol. 2013, 7 pages, Thomson ISI (IF= 1.73)
52. **M.I.S. Ismail**, Y. Okamoto, A. Okada, Y. Uno and M. Mukhtar, 2013, Micro-welding of High Thermal Conductive Material Aluminum-Graphite Composite by Pulsed Nd:YAG Laser, *Journal of Laser Micro/Nanoengineering*, Vol. 8, No. 1, pp. 90-96, Thomson ISI (IF=0.923)
53. I.S. Aji, **E.S., Zainudin**, A. Khalina, A., S.M. Sapuan and Khairul , M.D, 2013, Mechanical properties and water absorption behaviour of hybridized Kenaf/pineapple leaf fibre--reinforced high density polyethylene Composite, *Journal of Composites Materials*, Vol. 47, No. 8, pp. 979-990, Thomson ISI (IF=0.968)
54. M.R. Hudzari, **S.M. Sapuan**, R. Syazili and A.W.M. Azhar, 2013, Optical properties analysis for crop maturity index, *Journal of Food, Agriculture and Environment*, Vol. 11, No. 2, pp. 571-575, Thomson ISI (IF=0.517)
55. M. R. Mansor, **S. M. Sapuan**, E. S. Zainudin, N. A. Aziz and A. Hambali, 2013, Stiffness prediction of hybrid kenaf/glass fiber reinforced polypropylene composites using rule of mixtures (ROM) and rule of hybrid mixtures (RoHM), *Journal of Polymer Materials*, Vol. 30, No. 3, pp. 321-334, Thomson ISI (IF=0.134)
56. Basheer A. Ahmed Ali, **S. M. Sapuan**, Edi Syams Zainudin and Mohamed Othman, 2013, Java based expert system for selection of natural fibre composite materials, *Journal of Food, Agriculture and Environment*, Vol. 11, No. 3&4, pp. 1871-1877, Thomson ISI (IF=0.435)
57. Y. A. El-Shekeil, **S. M. Sapuan**, M. D. Azaman and M. Jawaid, 2013, Optimization of blending parameters and fiber size of kenaf-bast-fiber-reinforced the thermoplastic polyurethane composites by Taguchi method, *Advances in Materials Science and Engineering*, Vol. 2013, 5 pages, Thomson ISI (IF=0.5)
58. M.R. Ishak, **S.M. Sapuan**, Z. Leman, M.Z.A. Rahman, U.M.K. Anwar and J.P. Siregar, 2013, Sugar palm (arenga pinnata): Its fibres, polymers and composites, Vol. 91, No.2, pp. 699-710, Thomson ISI (IF=3.628)

59. M. R. Ishak, **Z. Leman**, S.M. Sapuan, M.Z. A. Rahman, U.M. K. Anwar, R. Akhtar, 2013, IFSS, TG, FT-IR spectra of impregnated sugar palm (*Arenga pinnata*) fibres and mechanical properties of their composites, *Journal of Thermal Analysis and Calorimetry*, Vol. 111, No. 2, pp. 1375-1383, Thomson ISI (IF=1.604)
60. Abdolhossein Sadrnia, **Napsiah Ismail**, Norzima Zulkifli, M. K. A. Ariffin, Hossein Nezamabadi-pour, and Hamed Mirabi, 2013, A Multiobjective Optimization Model in Automotive Supply Chain Networks, *Mathematical Problems in Engineering*, Vol. 2013, pp. 10 pages, Thomson ISI (IF=1.383)
61. M. Nahavandi, **M.A. Azmah Hanim**, Z.N. Ismarrubie, A. Hajalilou, R. Rohaizuan, M.Z. Shahrul Fadzli, 2013, Effect of Silver and Antimony Content in Lead-Free High-Temperature Solders of Bi-Ag and Bi-Sb on Copper Substrate, *Journal of Electronic Materials*, Vol. 2013, 7 pages, Thomson ISI (IF=1.635)
62. **Hong, T.S.**, Shang, P.P., Arumugam, M., Yusuff, R.M., 2013, Use of simulation to solve outpatient clinic problems: A review of the literature, *Vo. 24, No. 3*, pp. 27-42, Thomson ISI (IF=0.134)
63. Mortezaei, **N., Zulkifli**, N., 2013, Integration of lot sizing and flow shop scheduling with lot streaming, *Journal of Applied Mathematics*, Vol. 2013, 9 pages, Thomson ISI (IF=0.834)
64. Khairul Azhar Mohammad, **Edi Syams Zainudin**, Mohd Sapuan Salit, Nur Ismarubie Zahari and, Aidy Ali, 2013, Experimental determination of the fatigue behavior of austenitic 316L stainless steel under fatigue and creep-fatigue tests at high temperature, *International Journal of Metal and Steel Research Technology*, Vol.1, No. 1, pp. 1-11
65. M. U. Rosli, **M. K. A. Ariffin**, S. M. Sapuan and S. Sulaiman, 2013, Integrating TRIZ and AHP: A MPV's utility compartment improvement design concepts, *International Journal of Materials, Mechanics and Manufacturing*, Vol. 1, No. 1, pp. 32-35
66. Mohd Hudzari Haji Razali, Mohd. Rizuwan Yahaya, Md. Sarwar Jahan, **Mohd. Sapuan Salit**, Nurul Syuhada Mohamad and Asma Aishah Zulkifli, 2013, An overview on mechatronic application and effectiveness of developed stand alone dioscorine removal system, *Journal of Automation and Control*, Vol. 1, No. 1, pp. 1-5
67. Mohd.Hudzari Haji Razali, Mohd.Rizuwan Yahaya, **Mohd.Sapuan Salit**, Syazili Roslan and Muhamad Azhar Abd Wahid, 2013, Analytical measurement and instrumentation for agriculture engineering, *Research and Reviews in BioSciences*, Vol. 7, No. 9, pp. 362-377
68. A. B. Abdullah, **S. M. Sapuan**, Z. Samad and N. A. Aziz, 2013, Quality Evaluation of Cold Embossed Hole Based on Profile Measurement Technique, *Advanced Material Research*, Vol. 626 (2013), pp. 564-568, Scopus
69. D. Bachtiar, **S.M. Sapuan**, E.S. Zainudin, A. Khalina, K.Z.H.M. Dahlan, 2013, Thermal Properties of Alkali-Treated Sugar Palm Fibre Reinforced High Impact Polystyrene Composites, *Pertanika Journal: Science and Technology*, Vol. 21, No. 1, pp. 141-150, Scopus
70. M.A.H.A. Ssomad, R.M. Hudzari, M.N.A. Noordin, S.J. Abdullah, **S.M. Sapuan** and S. Hassan, 2013, Simulation and Analysis for Harvesting *Dioscorea hispida* Tubers, *Advanced Material Research*, Vol. 626 (2013), pp. 459-463, Scopus
71. K. Karmegam, **S.M. Sapuan**, M.Y. Ismail, N. Ismail, M.T.S. Bahri, P. Seetha, 2013, Motorcyclist's riding discomfort in Malaysia: Comparison of BMI, riding experience, riding duration and riding posture, *Human Factors and Ergonomics in Manufacturing*, vol. 23, No. 4, pp. 267-278, Scopus
72. L. Yusriah, **S.M. Sapuan**, E.S. Zainudin, J.M. Mariatti, 2013, Effect of alkali treatment on the tensile behavior and structure of betel nut (*Areca catechu*) husk fiber, *Advanced Material Research*, Vol. 701 (2013), pp. 239-242, Scopus
73. J.Sahari, **S.M. Sapuan**, E.S. Zainudin, M.A. Maleque, 2013, Flexural and impact properties of bio-polymer derived from sugar palm tree, *Advanced Material Research*, Vol. 701 (2013), pp. 225-228, Scopus
74. N. Fatchurrohman, **S. Sulaiman**, S.M. Sapuan, M.K.A. Ariffin, B.T.H.T. Baharuddin, 2013, Generic Framework for Conceptual Design Using Concurrent Engineering Strategy. A Case Study: Advanced Material Application-Product Development of Metal Matrix Composite Component, *Advanced Material Research*, Vol. 626 (2013), pp. 99-108, Scopus
75. **S.Sulaiman**, M.K.A. Ariffin, T.S. Hong and N.A. Mustafa, 2013, Effect of Boric Acid Mixture as Solid Lubricant Towards Machining Processes, *Advanced Material Research*, Vol. 651 (2013), pp. 372-377, Scopus
76. C.F. Tan, V.K. Kher and **N. Ismail**, 2013, Design of A Feature Recognition System for CAD/CAM Integration, *World Applied Sciences Journal*, Vol. 21, No. 8, pp. 1162-1166, Scopus
77. S.C. Ng, **N. Ismail**, A. Ali, B. B. Sahari, J.M. Yusof, 2013, Ultrasonic NDE for Internal Defect Detection in Multi-layered Composite Materials by Multi-resolution Signal Decomposition, Vol. 13, No. 1, pp. 87-94, Scopus

78. S.A. Darestani, A.N. Houshyar, **N.Ismail**, Z. Leman, 2013, Improving Purchasing Performance by Implementation of QMS Process Management Approach in a Manufacturing Company, *Advanced Material Research*, Vol. 622-623 (2013), pp. 1868-1872, Scopus
79. A.B. Faziollah, **R.M.D. Yusuff**, N. Zulkifli, Y. Ismaiel, S. Sorooshian, 2013, Modelling approach to the elements of TQM practice, *Advanced Materials Research*, Vol. 711 (2013), pp. 719-721, Scopus
80. **N.A. Aziz**, O. Inayatullah, M.Z.M. Jusoh, 2013, The Mechanism of Mangrove Tree in Wave Energy Propagation, *Advanced Material Research*, Vol. 614-615 (2013), pp. 568-572, Scopus
81. L.S. Khor, **Z. Leman**, C.H. Lee, 2013, Interfacial Debonding Force and Shear Strength of Sugar Palm (*Arenga Pinnata*) Fiber Reinforced Composites by Pull-Out Test, *Advanced Material Research*, Vol. 634-638 (2013), pp. 1931-1936, Scopus
82. E. Falatoonitoosi, **Z. Leman**, S. Sorooshian, M. Salimi, 2013, Decision-Making trial and Evaluation Laboratory, *Research Journal of Applied Sciences, Engineering and Technology*, Vol. 5, No. 13, pp. 3476-3480, Scopus
83. A.H. Ibrahim, **Z. Leman**, S. Mohd Sapuan, 2013, Tensile properties of impregnated sugar palm (*Arenga pinnata*) fibre composite filled thermosetting polymer composites, *Advanced Materials Research*, Vol. 701 (2013), pp. 8-11, Scopus
84. M.M. Shahzamanian, **B.B. Sahari**, M. Bayat, F. Mustapha, Z.N. Ismarubie, 2013, Elastic Contact Analysis of Functionally Graded Brake Disks Subjected to Thermal and Mechanical Loads, *International Journal for Computational Methods in Engineering Science and Mechanics*, Vol. 14 (2013), pp. 10 -23, Scopus
85. I.S. Aji, **E.S. Zainudin**, M.Z. Khairul, K. Abdan, S.M. Sapuan, 2013, Induced tensile properties with EB-cross linking of hybridized kenaf/palf reinforced HDPE composite, *Pertanika Journal of Science and Technology*, Vol. 21, No. 1, pp. 135-140, Scopus
86. K.A. Mohammad, **E.S. Zainudin**, S. Sapuan, N.I. Zahari, A. Ali, 2013, Fatigue life for type 316L stainless steel under cyclic loading, *Advanced Materials Research*, Vol. 701 (2013), pp. 77-81, Scopus
87. U.A. Umar, **M.K.A. Ariffin**, N. Ismail, S.H. Tang, 2013, Conflict-free automated guided vehicles routing using multi-objective genetic algorithm, *Research Journal of Applied Sciences, Engineering and Technology*, Vol. 6, No. 14, pp. 2681-2684, Scopus
88. H. Togun, T. Abdulrazzaq, S.N. Kazi, A.A.H. Kadhum, A. Badarudin, **M.K.A. Ariffin**, E. Sadeghinezhad, 2013, Numerical study of turbulent heat transfer in separated flow: Review, *International Review of Mechanical Engineering*, Vol. 7, No. 2, pp. 337-349, Scopus
89. M.S. Ismail, **B.T.H.T. Baharudin**, S.A. Yahya, H.A. Kahar, 2013, Finite element analysis of composite cylinder with centre cutout under axial load and internal pressure, *Advanced Materials Research*, Vol. 701 (2013), pp. 425-429, Scopus
90. **M.R. Hassan**, M. Mehrpouya, S. Emamian, M.N. Sheikholeslam, 2013, Review of self-healing effect on shape memory alloy (SMA) structures, *Advanced Materials Research*, Vol. 701 (2013), pp. 87-92, Scopus
91. Q.J. Kwong, **N.M. Adam**, I. Hadzir, I.H. Rusli, 2013, Assessment of energy saving potentials for protected spaces in commercial buildings, *International Journal of Energy Technology and Policy*, Vol. 9, No. 1, pp. 15-33, Scopus
92. **N.M. Adam**, Q.J. Kwong, E. Husin, 2013, Field performance analysis of shoes used in the takraw games in Malaysia, *Journal of Physical Science and Application*, Vol. 3, No. 5, pp. 15-33, Scopus
93. I.S. Aji, **E.S. Zainudin**, M.Z. Khairul, K. Abdan and S.M. Sapuan, 2013, Induced tensile strength with EB-crosslinking of hybridized kenaf/PALF reinforced HDPE composite, *Pertanika Journal of Science and Technology*, Vol. 21, No. 1, pp. 135-140, Scopus
94. S. M. Jusoh, A. Ali, **S.M. Sapuan** and A. Khalina, 2013, Aspect of fatigue analysis of composite materials, *Pertanika Journal of Science and Technology*, Vol. 21, No. 1, pp., Scopus
95. H. A. Abba, **N. I. Zahari** and S.M. Sapuan, 2013, Review of agro waste plastic composites production, *Journal of Minerals and Materials Characterization and Engineering*, Vol. 1, pp. 271-279
96. M.U. Rosli, **M.K.A. Ariffin**, S.M., Sapuan and S. Sulaiman, 2013, Integrated AHP-TRIZ innovation method for automotive door panel design, *International Journal of Engineering and Technology*, Vo. 5, No. 3, pp. 3158-3167, Scopus
97. K. A. Mohammad, **E.S. Zainudin**, S.M. Sapuan, N. I. Zahari and A. Ali, 2013, Creep test of austenitic type 316L stainless steel in high temperature, *Applied Mechanics and Materials*, Vol. 3, pp. 708-711, Scopus
98. Khalil, H.P.S.A., Amouzgar, P., Jawaid, M., Abdullah, C.K., Issam, A.M., **Zainudin, E.S.**, Paridah, M.T., Hassan, A., 2013, Physical and thermal properties of microwave-dried wood lumber impregnated with phenol formaldehyde resin, *Journal of Composite Materials*, Vol. 47, No. 28, pp. 3565-3571, Scopus
99. Mohammad, K.A., **Zainudin, E.S.**, Sapuan, S., Zahari, N.I., Ali, A., 2013, Fatigue life for type 316L stainless steel under cyclic loading, *Advanced Materials Research*, Vol. 701 (2013), pp. 77-81, Scopus

100. Aji, I.S., **Zainudin, E.S.**, Abdan, K., Sapuan, S.M., Khairul, M.D., 2013, Mechanical properties and water absorption behavior of hybridized kenaf/pineapple leaf fibre-reinforced high-density polyethylene composite, *Journal of Composite Materials*, Vol. 47, No. 8, pp. 979-990, Scopus
101. Fei-ling Pua, Mohd Shaiful Sajab, Chin Hua Chia, Sarani Zakaria, **Mohd Sapuan Salit**, 2013, The potential of cocoa pod husk for the removal of methylene blue dye from aqueous solutions, *Journal of Environmental Chemical Engineering*, Vol. 1, No. 3, pp. 460-465, Scopus
102. A.B.Abdullah, **S.M. Sapuan**, Z. Samad, Z., K.H.M. Tandoor, and N.A. Aziz, 2013, Twist springback measurement of autonomous underwater vehicle propeller blade based on profile deviation, *American Journal of Applied Sciences*, Vol. 10, No. 5, pp. 515-524, Scopus
103. N. Fatchurrohman, **S. Sulaiman**, S.M. Sapuan, M.K.A. Ariffin and B.T.H.T. Baharuddin, 2013, New technique for conceptual selection of manufacturing process and material, case study: Metal matrix composite component, *Advanced Materials Research*, Vol. 789, pp. 82-86, Scopus
104. M. U. Rosli, **M. K. A. Ariffin**, S. M. Sapuan, and S. Sulaiman, 2013, Integrating TRIZ and AHP: A MPV's Utility Compartment Improvement Design Concepts, *International Journal of Materials, Mechanics and Manufacturing*, Vol. 1, No. 1, pp. 32-35, Scopus
105. Zohreh Molamohamadi and **Napsiah Ismail**, 2013, Developing a New Scheme for Sustainable Manufacturing, *Journal of Materials, Mechanics and Manufacturing (IJMMM)*, Vol. 1, No. 1, pp. 1-5
106. Zohreh Molamohamadi, **Napsiah Ismail**, Zulkiflle Leman, Norzima Zulkifli, 2013, Development of a Consignment Inventory Model in a Two-echelon Supply Chain with Backorder, *International Journal of Emerging Technology and Advanced Engineering*, Vol. 3, No. 1, pp. 90 - 97
107. Zohreh Molamohamadi, Mandana Rezaeiahari, and **Napsiah Ismail**, 2013, Consignment Inventory: Review and Critique of Literature, *Journal of Basic and Applied Scientific Research*, Vol. 3, No. 6, pp. 707-714
108. Zohreh Molamohamadi, **Napsiah Ismail**, Zulkiflle Leman, and Norzima Zulkifli, 2013, Supplier Selection in a Sustainable Supply Chain, *Journal of Advanced Management Science*, Vol. 1, No. 3, pp. 278-281
109. Golestaneh, S. J., **Ismail, N.**, Tang, S. H., Ariffin, M. K. A. M., & Naeini, H. M, 2013, Improvement of Committee Machine Performance to Solve Multiple Response Optimization Problems, *International Journal of Engineering & Technology*, Vol. 13, No. 3, pp. 52-63
110. Seyed Jafar Golestaneh, **N. Ismail**, M.K.A. Ariffin, Sai Hong Tang, and Hassan Moslemi Naeini, 2013, Desirability improvement of committee machine to solve multiple response optimization problems, *Advances in Artificial Neural Systems*, Vol. 2013, 9 pages
111. M. Moayedfar, **Z. Leman**, H. Mirabi and B.T.H.T. Baharudin, 2013, The Effect of Forming Parameters on the Sheet Stretch in Incremental Sheet Forming (ISF) process on CNC Lathe Machine, *Advanced Materials Research*, Vol. 634-638, pp. 2894-2898
112. Jamshid Nemati, **S. Sulaiman**, Gholam Hossein Majzoobi, B.T.H.T. Baharudin, Azmah Hanim Mohamed Ariff, 2013, Effect of Equal Channel Angular Extrusion on Fatigue Life of Pure Copper, *Advanced Materials Research*, Vol. 685, pp. 97-101
113. Abolfazl Golshan, Danial Ghodsiyeh, Soheil Gohari, Amran Ayob and **B. T. Hang Tuah Baharudin**, 2013, Computational Intelligence in Optimization of Machining Operation Parameters of ST-37 Steel, *Applied Mechanics and Materials*, Vol. 248, pp. 456-461
114. **Nuraini, A.A.**, Zainal A.S.M. and Azmah Hanim, M.A., 2013, The Effect of Welding Process Parameter on Temperature and Residual Stress in Butt-Joint Weld of Robotic Gas Metal Arc Welding, *Australian Journal of Basic and Applied Sciences*, Vol. 7, No. 7, pp. 814-820
115. Mohammad Izadi Najafabadi and **Nuraini Abdul Aziz**, 2013, Homogeneous Charge Compression Ignition combustion: Challenges and Proposed Solutions, *Journal of Combustion*, Vol. 2013, 14 pages
116. Rosli Darmawan, **Nor Mariah Adam**, Nuraini Abdul Aziz, M Khairul Anuar M Ariffin, 2013, CFD Simulation of Natural Convection in Open Pool Reactor Cooling System, *Journal of Nuclear and Related Technologies*, Vol. 10, No. 1, pp. 28-38
117. **Sulaiman, S.**, Borazjani, S., Roshanand, A., Heydaryan, S., 2013, Failure analysis of aluminum reinforced composite vessel, *Applied Mechanics and Materials*, Vol. 392, pp. 178-182
118. Jayaseelan, N., **Faieza, A.A.**, Baharudin, B.T.H.T., Radzi, M.A.M., Mathew, N.K.T., Chin, K.H., 2013, An energy management initiative for the calcium compound processing industry, *IFAC Proceedings Volumes (IFAC-PapersOnline)*, Vol. 2013, pp. 2075-2080
119. Olanrewaju, O.A., **Faieza, A.A.**, Syakirah, K., 2013, Current trend of robotics application in medical, *IOP Conference Series: Materials Science and Engineering*, Vol. 4, No. 1, 8 pages
120. Khairul Azhar Mohammad, **Edi Syams Zainudin**, Mohd Sapuan Salit, Nur Ismarubie Zahari and, Aidy Ali, 2013, Experimental determination of the fatigue behavior of austenitic 316L stainless steel under fatigue and creep-fatigue tests at high temperature, *International Journal of Metal and Steel Research Technology*, Vol. 1, No. 1, pp. 1-11

121. M. U. Rosli, **M. K. A. Ariffin**, S. M. Sapuan and S. Sulaiman, 2013, Integrating TRIZ and AHP: A MPV's utility compartment improvement design concepts, *International Journal of Materials, Mechanics and Manufacturing*, Vol. 1, No. 1, pp. 32-35
122. Mohd Hudzari Haji Razali, Mohd. Rizuwan Yahaya, Md. Sarwar Jahan, **Mohd. Sapuan Salit**, Nurul Syuhada Mohamad and Asma Aishah Zulkifli, 2013, An overview on mechatronic application and effectiveness of developed stand alone dioscorine removal system, *Journal of Automation and Control*, Vol. 1, No. 1, pp. 1-5
123. Mohd.Hudzari Haji Razali, Mohd.Rizuwan Yahaya, **Mohd.Sapuan Salit**, Syazili Roslan and Muhamad Azhar Abd Wahid, 2013, Analytical measurement and instrumentation for agriculture engineering, *Research and Reviews in BioSciences*, Vol. 7, No. 9, pp. 377-362
124. **M.A. Azmah Hanim**, A. Ourdjini, I. Siti Rabiatul Aisha, O. Saliza Azlina, 2013, Effect of Isothermal Aging 2000 Hours on Intermetallics formed between Ni-Pd-Au with Sn-4Ag-0.5Cu Solders, *Journal of Advanced Materials Research*, Vol. 650, 6 pages, Scopus.
125. Mazian Mohammad, Shahrum Abdullah, Nordin Jamaludin, **OthmanInnayatullah**, Zulkifli Mohd Nopiah. Fatigue Failure Assessment of MetallicSpecimens using the Acoustic Emission Technique. *Journal of Materials Testing***55**, 2013, 4, p: 310-318, Thomson ISI (IF = 0.184)
126. Mazian Mohammad, Shahrum Abdullah, Nordin Jamaludin, **OthmanInnayatullah**. Acoustic Emission Evaluation of Fatigue Life Prediction for a CarbonSteel Specimen using a Statistical-Based Approach . *Journal of Materials Testing***55**, 2013, 6, p: 487-495, Thomson ISI (IF = 0.184)
127. **Nuraini A. Aziz**, Najihah A. Rahman, Othman Innayatullah. Control of Homogeneous Charge Compression Ignition (HCCI) Engine Through Stochastic Variables. *World of Applied Sciences Journal***27**, 2013, 3, p: 359-366, Scopus

Prosiding/Proceedings

1. M.R. Mansor, **S.M. Sapuan**, E.S. Zainudin, N.A. Aziz, M.D. Azaman and A. Hambali, Theoretical Analysis on Kenaf Reinforced Polypropylene Composites Elastic Modulus Using Halpin-Tsai Equation, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
2. M.D. Azaman, **S.M. Sapuan**, S. Sulaiman, E.S. Zainudin, K. Abdan and M.R. Mansor, Preliminary Study the Effect of packaging Pressure on Thin-Wall Parts by Injection Moulding Process, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
3. M.S. Ibrahim, **S. M. Sapuan**, E.S. Zainudin and H. Muslim, Review on Algae and Potential as biodegradable polymers and filled polymers composites, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
4. J. Sahari, **S.M. Sapuan**, E.S. Zainudin and M.A. Maleque, Biodegradable studies of green composites based on sugar palm tree, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
5. M.U. Rosli, **M.K.A. Ariffin**, S.M. Sapuan and S. Sulaiman, Material selection of thermoset matrix for natural fiber composiytes automotive armrest using AHP method, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
6. B.A. Ahmed Ali, **S.M. Sapuan**, E.S. Zainudin and M. Othman, Optimum Materials Selection using analytical hierarchy process for polymer composites, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
7. Z. Salleh, **S.M. Sapuan** and H. Samad, Effects of mechanical properties on activated carbon cconut shell reinforced with polymers, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
8. S. Misri, **S.M. Sapuan**, Z. Ieman and M.R. Ishak, Improvement of filament winding machine for kenaf fibre reinforced composite application, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
9. L. Yusriah, **S.M. Sapuan**, E.S. Zainudin and M. Mariatti, Effect of Alkali treatmenr on the mechanical properties and morphology of Betel nut (*Areca catechu*) Husk Fibre, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
10. **S.M. Sapuan**, Fei-ling, Pua and Y.A. El-Shekeil, An Overview on the potential of biodegradable composite in Malaysia, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013
11. W.H. Haniffah, **E.S. Zainudin**, Lim Hui Yan, Effect of palm oil empty fruit bunch (EFB)/Coir hybridization on mechanical properties and thermal degradation of polypropylene composite, The 2nd UPM-UniKL Symposium on Polymeric Materials 2013, Kuala Lumpur, 28 February 2013

12. Pang Jing Shen, M.N.M. ansari, O.S. Zaroog, H.A. Moaz and **S.M. Sapuan**, Optimization of machining parameters on the end milling process of HNT/Al/Epoxy hybrid composite, International Conference on Advancements In Polymeric Materials, India, 1-3 March 2013
13. M.U. Rosli, **M.K.A. Ariffin**, S.M. Sapuan and S. Sulaiman, Car's dashboard improvement design concepts through integration of AHP and TRIZ, The 12th International Symposium on The Analytical Hierarchy Proces (ISAHP), Kuala Lumpur, 23-26 June 2013
14. Z. Mohid, N.M. Warap, S. Hassan, **M.I.S. Ismail**, R. Ibrahim and E.A. Rahim, Numerical Analysis of Laser Heating for Laser Assisted Micro Milling Application, International Conference on Mechanical and Manufacturing Engineering (ICME 2013), Putrajaya, 17-19 December 2013
15. N.M. Warap, Z. Mohid, **M.I.S. Ismail**, R. Ibrahim and E.A. Rahim, Determination of Heat Flux Intensity Distribution and Laser Absorption Rate of AISI D2 Tool Steel, International Conference on Mechanical and Manufacturing Engineering (ICME 2013), Putrajaya, 17-19 December 2013
16. Z. Mohid, N.M. Warap, R. Ibrahim, **M.I.S. Ismail** and E.A. Rahim, A Method of Tool Engagement Temperature Estimation on Laser Assisted Micro Milling, The 7th International Conference on Leading Edge Manufacturing in 21st Century (LEM 21), Miyagi, Japan, 7-8 November 2013
17. Ang, M.C., Ng, K.W., **Ahmad, S.**, Abdul Wahab, A.N, An Engineering Design Support Tool Based on TRIZ, 3rd International Visual Informatics Conference (IVIC 2013), Bangi, 13-15 November 2013
18. S.H. Thauri, **B.T.H.T Baharudin**, Z. Lemam and S.M. Tahir, Compaction Of Tungsten Carbide Powder (WC) With 380 Alternative Binder, AUN/SEED-Net Regional Conference on Mechanical and Manufacturing Engineering (RCMME 2013), Kuala Lumpur, 25-26 November 2013
19. Tee Hor Chang and **Rosnah Mohd Yusuff**, Reducing Manufacturing Lead Time and Stock Through Lean 372 Practices, AUN/SEED-Net Regional Conference on Mechanical and Manufacturing Engineering (RCMME 2013), Kuala Lumpur, 25-26 November 2013
20. A.Putra, H.K. Wong and **N.A. Abdul Jalil**, Measurement of Structure-Borne Noise from Road Input in 399 a Motor Vehicle Cabin, AUN/SEED-Net Regional Conference on Mechanical and Manufacturing Engineering (RCMME 2013), Kuala Lumpur, 25-26 November 2013
21. Blomberg, C.A., **Zulkefli, Z.A.**, Rich, S.W. and Howe S.D., Study on Alternative Cargo Launch Options from the Lunar Surface, 49th AIAA/ASME/SAE/ASEE Joint Propulsion Conference, San Jose, CA, 14-17 July 2013.
22. **M.A. Azmah Hanim**, A. Ourdjini, O. Saliza Azlina, and I. Siti Rabiatal Aisha, Intermetallic Evolution for Isothermal Aging up to 2000 Hours on Sn-4Ag-0.5Cu and Sn-37Pb Solders with Ni/Au Layers, International Conference on Mechanical Engineering Research (ICMER 2013), Pahang, 1-3 July 2013.
23. M. Nahavandi, **M.A. Azmah Hanim** and Z.N. Ismarrubie, Interfacial Reaction of Bi-Ag and Bi-Sb Solders on Copper Substrate with Multiple Reflow Number, 1st International Conference on the Science & Engineering of Materials (ICOSEM 2013), Kuala Lumpur, 13-14 November 2013.
24. M. Mohammad, S. Abdullah, N. Jamaludin, **O. Innayatullah**, Fatigue Life Prediction of the SAE 1045 Medium Carbon Steel using the Acoustic Emission Technique Associated with Weibull Distribution Approach. International Conference on Technology, Informatics, Management, Engineering & Environment (TIME-E 2013), (June 23-26, 2013 - Bandung Indonesia) (Scopus)
25. **Nuraini A. A., Zainal A.S. and Azmah Hanim M. A. 2013. The Effects of Welding Parameter on Butt Joint Using Robotic Gas Metal Arc Welding. Proceeding of International Conference on Mechanical Engineering Research (ICMER 2013), Kuantan, Pahang, Malaysia, 1-3 July 2013.**
26. **M.S. Salwani, B.B. Sahari, Aidy Ali, and A.A. Nuraini. 2013. The Effect of Automotive Side Member Filling on Car Frontal Impact Performance. Proceeding of International Conference on Mechanical Engineering Research (ICMER 2013), Kuantan, Pahang, Malaysia, 1-3 July 2013.**

Buku/Books

1. J. Sahari, **S.M. Sapuan** and Z.N. Ismarrubie, *Sugar Palm Fibre Reinforced Unsaturated Polyester Composites*, Lambert Academic Publishing (LAP), ISBN 978-3-659-33164-0
2. M.A.Maleque and **S.M. Sapuan**, *Materials Selection and Design*, Springer, Germany, ISBN 978-9-814-56037-5
3. **N.A. Aziz**, L.C. Han, *Computational Methods Analysis-Automotive Exhaust Pipe Analysis*, Lambert Academic Publishing (LAP), ISBN 978-3-659-39948-0
4. A.S.Z. Abidin, **R.M. Yusuf**, N.A. Bakar, M.A. Awi, N. Zulkifli, R. Muslimen, Vendors' Design Capabilities Enabler Towards Proton Internationalization Strategy, in *Electrical Engineering and Intelligent Systems*, Springer Science Business Media, ISBN 978-1-4614-2317-1
5. **Azmah Hanim Mohamed Ariff**, *Lead Free Solder: Interfacial Reaction between Sn-37Pb and Sn-4Ag-0.5Cu Solders on Different Surface Finishes*, Lambert Academic Publishing (LAP). ISBN 978-3659379482.