

Bimal P Nepal

List of Publications by Year in descending order

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44
papers

1,215
citations

361413

20
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxonomy of New Product Development Process Risks: An Empirical Study of Indian Automotive Industry. IEEE Transactions on Engineering Management, 2022, 69, 1987-1998.	3.5	8
2	Examining the design, manufacturing and analytics of smart wearables. Medical Devices & Sensors, 2020, 3, e10087.	2.7	8
3	Reliability estimation considering multi-stress monotonic degradation test data with non-constant scale parameter. Quality Engineering, 2020, 32, 478-491.	1.1	8
4	A data-driven framework to new product demand prediction: Integrating product differentiation and transfer learning approach. Expert Systems With Applications, 2018, 108, 246-257.	7.6	17
5	The impact of lean practices on operational performance – an empirical investigation of Indian process industries. Production Planning and Control, 2018, 29, 158-169.	8.8	85
6	Examining the State of Risk Management Research in New Product Development Process. EMJ - Engineering Management Journal, 2018, 30, 85-97.	2.3	20
7	Understanding the linkages between lean practices and performance improvements in Indian process industries. Industrial Management and Data Systems, 2017, 117, 346-364.	3.7	30
8	Lean Implementation and Organizational Transformation: A Literature Review. EMJ - Engineering Management Journal, 2017, 29, 2-16.	2.3	54
9	A Review of Competency-Based Learning: Tools, Assessments, and Recommendations. Journal of Engineering Education, 2017, 106, 607-638.	3.0	70
10	On value activities and competitive advantage: an empirical study. International Journal of Business Excellence, 2017, 11, 320.	0.3	0
11	Enabling comprehensive failure analysis of complex physical system using cognitive map-based approach. International Journal of Quality Engineering and Technology, 2015, 5, 114.	0.0	0
12	Bayesian belief network-based framework for sourcing risk analysis during supplier selection. International Journal of Production Research, 2015, 53, 6114-6135.	7.5	50
13	Supply chain services contract pricing framework - a case study of electrical distributor. International Journal of Services and Operations Management, 2015, 22, 469.	0.2	0
14	On the adoption of lean manufacturing principles in process industries. Production Planning and Control, 2015, 26, 564-587.	8.8	130
15	Multistate Belief Probabilities-Based Prioritization Framework for Customer Satisfaction Attributes in Product Development. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 728-743.	9.3	5
16	Modeling cognitive network of a physical system using design knowledge base. , 2014, , .		2
17	A Robust Framework for Multi-Response Surface Optimization Methodology. Quality and Reliability Engineering International, 2014, 30, 301-311.	2.3	16
18	On supply chain competitiveness of Indian automotive component manufacturing industry. International Journal of Production Economics, 2013, 143, 151-161.	8.9	61

#	ARTICLE	IF	CITATIONS
19	Quality Improvement of Medical Wire Manufacturing Process. <i>Quality Engineering</i> , 2013, 25, 151-163.	1.1	4
20	Implementation of benchmarking concepts in Indian automobile industry – an empirical study. <i>Benchmarking</i> , 2013, 20, 777-804.	4.6	23
21	Optimisation of process audit plan for minimising vehicle launch risk using MILP. <i>International Journal of Procurement Management</i> , 2013, 6, 379.	0.2	0
22	A holistic approach to market assessment for a manufacturing company in an emerging economy. <i>Industrial Marketing Management</i> , 2012, 41, 1142-1151.	6.7	6
23	Making Location Decision Based on Regional Industrial Capabilities: A Case of a Distributor. <i>International Trade Journal</i> , 2012, 26, 154-180.	0.9	0
24	The bullwhip effect in capacitated supply chains with consideration for product life-cycle aspects. <i>International Journal of Production Economics</i> , 2012, 136, 318-331.	8.9	54
25	Matching product architecture with supply chain design. <i>European Journal of Operational Research</i> , 2012, 216, 312-325.	5.7	106
26	A multi-objective supply chain configuration model for new products. <i>International Journal of Production Research</i> , 2011, 49, 7107-7134.	7.5	29
27	Improving manufacturing process for biomedical products: a case study. <i>Journal of Manufacturing Technology Management</i> , 2011, 22, 527-540.	6.4	18
28	Improving the NPD Process by Applying Lean Principles: A Case Study. <i>EMJ - Engineering Management Journal</i> , 2011, 23, 65-81.	2.3	33
29	Integrated framework for component variety management: a case study. <i>International Journal of Services and Operations Management</i> , 2011, 10, 74.	0.2	1
30	Determinants of competitiveness and their relative importance: a study of Indian auto-component industry. <i>International Journal of Services and Operations Management</i> , 2011, 10, 426.	0.2	3
31	Improving the NPD Process by Applying Lean Principles: A Case Study. <i>EMJ - Engineering Management Journal</i> , 2011, 23, 52-68.	2.3	33
32	The effect of scheduling policies on operating room overtime performance. <i>International Journal of Services and Operations Management</i> , 2010, 7, 231.	0.2	4
33	Reducing paint waste in a colour sample manufacturing industry. <i>International Journal of Business Excellence</i> , 2010, 3, 186.	0.3	2
34	A fuzzy-AHP approach to prioritization of CS attributes in target planning for automotive product development. <i>Expert Systems With Applications</i> , 2010, 37, 6775-6786.	7.6	102
35	Insights and learnings from lean manufacturing implementation practices. <i>International Journal of Services and Operations Management</i> , 2010, 6, 398.	0.2	39
36	A set-covering model for optimizing selection of portfolio of microcontrollers in an automotive supplier company. <i>European Journal of Operational Research</i> , 2009, 193, 272-281.	5.7	10

#	ARTICLE	IF	CITATIONS
37	Lean and Global Product Development in Auto Industry. <i>Advances in IT Personnel and Project Management</i> , 2009, , 460-478.	0.3	3
38	A framework for capturing and analyzing the failures due to system/component interactions. <i>Quality and Reliability Engineering International</i> , 2008, 24, 265-289.	2.3	35
39	An integrated fuzzy-goal-programming-based framework for selecting suppliers in strategic alliance formation. <i>International Journal of Production Economics</i> , 2008, 113, 862-875.	8.9	40
40	A Quality-Based Business Model for Determining Non-product Investment: A Case Study From a Ford Automotive Engine Plant. <i>EMJ - Engineering Management Journal</i> , 2007, 19, 41-56.	2.3	2
41	Managing product development process complexity and challenges: a state-of-the art review. <i>Journal of Design Research</i> , 2007, 6, 487.	0.1	12
42	A framework to integrate design for reliability and maintainability in modular product design. <i>International Journal of Product Development</i> , 2007, 4, 459.	0.2	20
43	A methodology for integrating design for quality in modular product design. <i>Journal of Engineering Design</i> , 2006, 17, 387-409.	2.3	22
44	Integrated fuzzy logic-based model for product modularization during concept development phase. <i>International Journal of Production Economics</i> , 2005, 96, 157-174.	8.9	50