

João Varajão

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4456153/publications.pdf>

Version: 2024-02-01

147
papers

1,103
citations

516710

16
h-index

552781

26
g-index

172
all docs

172
docs citations

172
times ranked

794
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The factors influencing the success of on-going agile software development projects. <i>International Journal of Project Management</i> , 2020, 38, 165-176. | 5.6 | 103 |
| 2 | IT Professionals. <i>International Journal of Human Capital and Information Technology Professionals</i> , 2010, 1, 61-75. | 0.6 | 52 |
| 3 | ISO 21500:2012 and PMBoK 5 processes in information systems project management. <i>Computer Standards and Interfaces</i> , 2017, 50, 216-222. | 5.4 | 45 |
| 4 | Using AHP and the IPMA Competence Baseline in the project managers selection process. <i>International Journal of Production Research</i> , 2013, 51, 3342-3354. | 7.5 | 40 |
| 5 | I-Competere: Using applied intelligence in search of competency gaps in software project managers. <i>Information Systems Frontiers</i> , 2014, 16, 607-625. | 6.4 | 37 |
| 6 | Using integrated information systems in supply chain management. <i>Enterprise Information Systems</i> , 2015, 9, 210-232. | 4.7 | 36 |
| 7 | Success evaluation factors in construction project management – some evidence from medium and large Portuguese companies. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 603-609. | 1.9 | 33 |
| 8 | Success Management as a PM Knowledge Area – Work-in-Progress. <i>Procedia Computer Science</i> , 2016, 100, 1095-1102. | 2.0 | 28 |
| 9 | Identifying Useful Actions to Improve Team Resilience in Information Systems Projects. <i>Procedia Computer Science</i> , 2015, 64, 1182-1189. | 2.0 | 27 |
| 10 | Motivations and Trends for IT/IS Adoption. <i>International Journal of Enterprise Information Systems</i> , 2009, 5, 34-52. | 1.0 | 27 |
| 11 | Information systems services outsourcing reality in large Portuguese organisations. <i>International Journal of Business Information Systems</i> , 2009, 4, 125. | 0.2 | 26 |
| 12 | Project Management Office Models – A Review. <i>Procedia Computer Science</i> , 2016, 100, 1085-1094. | 2.0 | 25 |
| 13 | Project Management Success in Health – The Need of Additional Research in Public Health Projects. <i>Procedia Technology</i> , 2014, 16, 1080-1085. | 1.1 | 22 |
| 14 | An exploratory study on the influence of socio-demographic characteristics on water end uses inside buildings. <i>Science of the Total Environment</i> , 2014, 466-467, 467-474. | 8.0 | 22 |
| 15 | PMO as a Key Ingredient of Public Sector Projects – Success – Position Paper. <i>Procedia Computer Science</i> , 2015, 64, 1190-1199. | 2.0 | 21 |
| 16 | Success Management – From theory to practice. <i>International Journal of Project Management</i> , 2022, 40, 481-498. | 5.6 | 19 |
| 17 | Evaluation of Information Systems Project Success – Insights from Practitioners. <i>Information Systems Management</i> , 2022, 39, 138-155. | 5.7 | 18 |
| 18 | CF4BPMN: A BPMN Extension for Controlled Flexibility in Business Processes. <i>Procedia Computer Science</i> , 2015, 64, 1232-1239. | 2.0 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Cooperation Networks in the Tourism Sector: Multiplication of Business Opportunities. <i>Procedia Computer Science</i> , 2015, 64, 1172-1181. | 2.0 | 16 |
| 20 | Team Resilience Model: An Empirical Examination of Information Systems Projects. <i>Reliability Engineering and System Safety</i> , 2021, 206, 107303. | 8.9 | 14 |
| 21 | The many facets of information systems (+projects) success. , 2018, 6, 5-13. | | 14 |
| 22 | A new tool to assess water pipe networks vulnerability and robustness. <i>Engineering Failure Analysis</i> , 2011, 18, 1637-1644. | 4.0 | 13 |
| 23 | IT/IS Outsourcing in Large Companies – Motivations and Risks. <i>Procedia Computer Science</i> , 2017, 121, 1047-1061. | 2.0 | 13 |
| 24 | Implementing Success Management in an IT project. <i>Procedia Computer Science</i> , 2018, 138, 891-898. | 2.0 | 13 |
| 25 | Information systems project teams: factors for high performance. <i>Team Performance Management</i> , 2019, 25, 69-83. | 1.3 | 13 |
| 26 | Enterprise Information Systems Adoption in Iberian Large Companies. , 2011, , 204-228. | | 13 |
| 27 | Contact center: information systems design. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 497-515. | 7.3 | 12 |
| 28 | A Two-Step Approach for Modelling Flexibility in Software Processes. , 2008, , | | 11 |
| 29 | Integration of success management into project management guides and methodologies - position paper. <i>Procedia Computer Science</i> , 2019, 164, 366-372. | 2.0 | 11 |
| 30 | ISO 21500 and success management: an integrated model for project management. <i>International Journal of Quality and Reliability Management</i> , 2022, 39, 408-427. | 2.0 | 11 |
| 31 | Information Systems Outsourcing in Large Companies. <i>International Journal of Information Technology Project Management</i> , 2011, 2, 44-58. | 0.5 | 11 |
| 32 | Reach for the sky: analysis of behavioral competencies linked to project success. <i>International Journal of Managing Projects in Business</i> , 2022, 15, 192-215. | 2.5 | 11 |
| 33 | A practitioner's roadmap to learning the available tools for Information System Function management. <i>International Journal of Teaching and Case Studies</i> , 2009, 2, 29. | 0.1 | 10 |
| 34 | Project Management in Public Health: A Systematic Literature Review on Success Criteria and Factors. <i>Portuguese Journal of Public Health</i> , 2020, 38, 37-48. | 0.5 | 10 |
| 35 | Implementation of CRM systems in Portuguese Municipalities. <i>Local Government Studies</i> , 2013, 39, 878-894. | 2.2 | 9 |
| 36 | CMMI Implementation and Results. <i>Advances in IT Personnel and Project Management</i> , 2015, , 48-63. | 0.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Key Competences of Information Systems Project Managers. <i>International Journal of Information Technology Project Management</i> , 2019, 10, 73-90. | 0.5 | 8 |
| 38 | Offshore outsourcing in large companies: Motivations and risks perceived. <i>African Journal of Business Management</i> , 2012, 6, . | 0.5 | 8 |
| 39 | Information Technology Supporting Healthcare and Social Care Services. <i>Journal of Information Technology Research</i> , 2014, 7, 41-58. | 0.5 | 7 |
| 40 | An Exploratory Study on the Influencers of the Perceived Relevance of CIO's Activities. <i>International Journal of Enterprise Information Systems</i> , 2016, 12, 1-15. | 1.0 | 7 |
| 41 | An e-Marketplace of Healthcare and Social Care Services: The Perceived Interest. <i>Procedia Technology</i> , 2012, 5, 959-966. | 1.1 | 6 |
| 42 | The Perceived Potential of Business Social Networking Sites. <i>International Journal of Web Portals</i> , 2012, 4, 1-15. | 1.1 | 6 |
| 43 | A new approach for improving work distribution in business processes supported by BPMS. <i>Business Process Management Journal</i> , 2020, 26, 1643-1660. | 4.2 | 6 |
| 44 | Software development in disruptive times. <i>Communications of the ACM</i> , 2021, 64, 32-35. | 4.5 | 6 |
| 45 | Simulation “ Concepts and Applications. <i>Communications in Computer and Information Science</i> , 2010, , 429-434. | 0.5 | 6 |
| 46 | Lack of Awareness of IT Adoption and Use Theories by IT/IS Project Managers: Poor Relevance, Unfocused Research or Deficient Education?. <i>Information (Switzerland)</i> , 2022, 13, 48. | 2.9 | 6 |
| 47 | Digital transformation success in the public sector: A systematic literature review of cases, processes, and success factors. <i>Information Polity</i> , 2023, 28, 61-81. | 0.8 | 6 |
| 48 | Project Management Processes “ Impact on the Success of Information Systems Projects. <i>Informatica</i> , 2022, , 421-436. | 2.7 | 6 |
| 49 | Using the semantic web to define a language for modelling controlled flexibility in software processes. <i>IET Software</i> , 2010, 4, 396. | 2.1 | 5 |
| 50 | Project Management Success I-C-E Model “ A Work in Progress. <i>Procedia Technology</i> , 2013, 9, 910-914. | 1.1 | 5 |
| 51 | Academics perception towards various water reuse options: University of Trás-os-Montes e Alto-Douro - UTAD Campus (Portugal) as a case study. <i>Urban Water Journal</i> , 2014, 11, 311-322. | 2.1 | 5 |
| 52 | The Temporal Dimension of Business Processes - Dealing with Time Constraints. <i>Procedia Computer Science</i> , 2017, 121, 1034-1038. | 2.0 | 5 |
| 53 | Wagnild and Youngs’s Resilience Scale Validation for IS Students. <i>Procedia Computer Science</i> , 2018, 138, 815-822. | 2.0 | 5 |
| 54 | SME Managers’s Most Important Entrepreneurship and Business Competences. <i>Communications in Computer and Information Science</i> , 2010, , 274-282. | 0.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Model of Functionalities for the Development of B2B E-Commerce Solutions. , 2011, , 35-60. | | 5 |
| 56 | Enterprise Information Systems Adoption in Iberian Large Companies. , 2013, , 1035-1052. | | 5 |
| 57 | Concept Maps for the Modelling of Controlled Flexibility in Software Processes. IEICE Transactions on Information and Systems, 2010, E93-D, 2190-2197. | 0.7 | 4 |
| 58 | Potential of virtual worlds for marketing tests of product prototypes. Journal of the Textile Institute, 2012, 103, 960-967. | 1.9 | 4 |
| 59 | Collaborative Risk Management in Software Projects. , 2012, , . | | 4 |
| 60 | What Team Members Perceive as Important to Achieve High Performance: An Exploratory Case Study. Procedia Technology, 2014, 16, 1010-1016. | 1.1 | 4 |
| 61 | Main Motivations for CRM Adoption by Large Portuguese companies “ A Principal Component Analysis. Procedia Computer Science, 2016, 100, 1269-1279. | 2.0 | 4 |
| 62 | Rule ontology for automatic design verification application to PCB manufacturing and assembly. , 2017, , . | | 4 |
| 63 | The temporal dimension of business processes: requirements and challenges. International Journal of Computer Applications in Technology, 2019, 59, 74. | 0.5 | 4 |
| 64 | Most used project management tools and techniques in information systems projects. Journal of Systems and Information Technology, 2020, 22, 225-242. | 1.7 | 4 |
| 65 | Risk Management in Information Systems Projects. International Journal of Project Management and Productivity Assessment, 2021, 9, 58-67. | 0.2 | 4 |
| 66 | Software Development in Disruptive Times. Queue, 2021, 19, 94-103. | 1.1 | 4 |
| 67 | Information systems project team members: factors for high performance. TQM Journal, 2021, 33, 1426-1446. | 3.3 | 4 |
| 68 | ENVIRONMENTAL MANAGEMENT SYSTEMS CERTIFICATION: INSIGHTS FROM PORTUGUESE CONSTRUCTION COMPANIES. Environmental Engineering and Management Journal, 2016, 15, 2383-2394. | 0.6 | 4 |
| 69 | Information Architecture For IS Function. International Journal of Human Capital and Information Technology Professionals, 2014, 5, 28-37. | 0.6 | 4 |
| 70 | Proposal of an Information System to Support Risk Management “ The Case of the Portuguese Hospital Center CHTMAD. Procedia Technology, 2012, 5, 951-958. | 1.1 | 3 |
| 71 | Influence of firm size on the adoption of enterprise information systems: insights from Iberian firms. International Journal of Information Technology and Management, 2015, 14, 233. | 0.1 | 3 |
| 72 | FlexSPMF: A Framework for Modelling and Learning Flexibility in Software Processes. Lecture Notes in Computer Science, 2009, , 78-87. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Simulation, Games and Challenges: From Schools to Enterprises. Lecture Notes in Business Information Processing, 2011, , 63-73. | 1.0 | 3 |
| 74 | Diffusion of Innovation Simulation Using an Evolutionary Algorithm. Lecture Notes in Computer Science, 2013, , 46-63. | 1.3 | 3 |
| 75 | Evaluation of Business Intelligence Projects Success – a Case Study. Business Systems Research, 2019, 10, 1-12. | 1.2 | 3 |
| 76 | ISOPM. International Journal of Enterprise Information Systems, 2017, 13, 1-21. | 1.0 | 3 |
| 77 | IT Project Management Critical Success Factors. Lecture Notes in Computer Science, 2020, , 714-724. | 1.3 | 3 |
| 78 | DevOps adoption: Insights from a large European Telco. Cogent Engineering, 2022, 9, . | 2.2 | 3 |
| 79 | Simulation Technology for Enhanced Learning: VAT Simulator for Portuguese Accounting Students. , 2011, , . | | 2 |
| 80 | Using Simulation for Enhanced Accounting Learning. International Journal of Distance Education Technologies, 2012, 10, 26-43. | 2.9 | 2 |
| 81 | High Performance Teams. International Journal of Information Technology Project Management, 2016, 7, 72-82. | 0.5 | 2 |
| 82 | Data exchange format requirements and analysis collaboration in PCB design. , 2017, , . | | 2 |
| 83 | Performance Appraisal Approaches and Methods for IT/IS Projects. International Journal of Human Capital and Information Technology Professionals, 2017, 8, 15-28. | 0.6 | 2 |
| 84 | Main CIO's activities - evidences from a Delphi survey using Q-sort. International Journal of Business Innovation and Research, 2018, 17, 456. | 0.2 | 2 |
| 85 | Success factors of information technology and information systems projects – A literature review. , 2018, , . | | 2 |
| 86 | FTSI - UMA PLATAFORMA WEB PARA A CARATERIZAÇÃO DA OFERTA DE ENSINO SUPERIOR EM TECNOLOGIAS E SISTEMAS DE INFORMAÇÃO EM PORTUGAL. , 0, , . | | 2 |
| 87 | Information Architecture For IS Function. , 2016, , 1302-1313. | | 2 |
| 88 | Controlled Flexibility in Healthcare Processes. , 2016, , 521-535. | | 2 |
| 89 | Simulation in Information Systems: Potential of the Vulnerability Theory. Communications in Computer and Information Science, 2010, , 219-229. | 0.5 | 2 |
| 90 | Motivations and Results for CRM Adoption in Large Companies in Portugal. Information Resources Management Journal, 2013, 26, 25-36. | 1.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Biggest Barriers to Effectiveness in CIO Role in Large Portuguese Companies. Lecture Notes in Computer Science, 2008, , 479-488. | 1.3 | 2 |
| 92 | Modelling and learning controlled flexibility in software processes. International Journal of Knowledge and Learning, 2009, 5, 423. | 0.2 | 1 |
| 93 | Technology Enhanced Learning in Accounting: Simulator of Personal Income Tax Retained by Companies. Procedia Technology, 2012, 5, 509-517. | 1.1 | 1 |
| 94 | Diffusion of innovation in organizations: Simulation using evolutionary computation. , 2012, , . | | 1 |
| 95 | The Impact of the Digital Divide on the Perceived Interest of an e-Marketplace to Support Healthcare and Social Care Services. Procedia Technology, 2014, 16, 1471-1476. | 1.1 | 1 |
| 96 | Who Can Assess HR Performance in IT/IS Projects: A Review. Advances in Intelligent Systems and Computing, 2017, , 779-789. | 0.6 | 1 |
| 97 | Success factors of the implementation of CRM systems “ A literature review. , 2018, , . | | 1 |
| 98 | From CRM to CzRM “ Fundamental concepts. , 2018, , . | | 1 |
| 99 | CIOCB: A framework of competences for the Chief Information Officer “ preliminary study. Procedia Computer Science, 2019, 164, 219-224. | 2.0 | 1 |
| 100 | A Model for Cooperation Networks: Promoting Information Share. Communications in Computer and Information Science, 2010, , 198-207. | 0.5 | 1 |
| 101 | IT Professionals. , 2012, , 32-45. | | 1 |
| 102 | E-Government Simulation Tool for Accounting Education. , 2013, , 233-249. | | 1 |
| 103 | Customer Relationship Management Systems “ Why Many Large Companies Do Not Have Them?. Communications in Computer and Information Science, 2010, , 353-358. | 0.5 | 1 |
| 104 | A Review of Chief Information Officer™ Main Skills. Communications in Computer and Information Science, 2010, , 387-392. | 0.5 | 1 |
| 105 | Risco de cenários de dano vulneráveis de redes de abastecimento de água. Territorium: Revista Portuguesa De Riscos, Prevenção E Segurança, 2011, , 271-278. | 0.1 | 1 |
| 106 | O impacto da exclusão digital na utilização potencial de um mercado eletrónico de serviços de cuidados de saúde e serviços sociais. RISTI - Revista Iberica De Sistemas E Tecnologias De Informacao, 2014, , . | 0.2 | 1 |
| 107 | Outsourcing of Information Systems Services in Banking in Portugal. , 0, , . | | 1 |
| 108 | MOTIVADORES PARA O ELEVADO DESEMPENHO EM EQUIPAS DE PROJETOS DE SISTEMAS DE INFORMAÇÃO. , 0, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | IMPACTOS DA IOT NA GESTÃO DE PROJETOS DE TECNOLOGIAS E SISTEMAS DE INFORMAÇÃO. , 0, , . | | 1 |
| 110 | Information Systems Projects In Contact Centers. Advances in Business Information Systems and Analytics Book Series, 0, , 381-395. | 0.4 | 1 |
| 111 | Adoption and impact of management standards - position paper. Procedia Computer Science, 2022, 196, 880-885. | 2.0 | 1 |
| 112 | SME Managers™ Required Entrepreneurship and Business Competences. , 0, , 42-49. | | 1 |
| 113 | Investigação em sistemas de informação organizacionais em Portugal: caracterizaçao do período de 2004 a 2007. Encontros Bibli, 2010, , 41-55. | 0.2 | 0 |
| 114 | Customer Relationship Management Systems – Reasons Why Many Municipalities Do Not Have Them. Communications in Computer and Information Science, 2010, , 131-137. | 0.5 | 0 |
| 115 | Balancing European SME Managers™ Training Contents: Perceived Importance & Training Needs. Business Systems Research, 2014, 5, 4-22. | 1.2 | 0 |
| 116 | Holistic evaluation of the potencial performance of the chief information officer. , 2017, , . | | 0 |
| 117 | Automatic Verification of Design Rules in PCB Manufacturing. Communications in Computer and Information Science, 2018, , 172-180. | 0.5 | 0 |
| 118 | Ubiquitous System for Events Promotion. Communications of the IBIMA, 2010, , 1-10. | 0.3 | 0 |
| 119 | Goals and Requirements for Supporting Controlled Flexibility in Software Processes. Information Resources Management Journal, 2010, 23, 11-26. | 1.1 | 0 |
| 120 | Methodology to evaluate the risk of vulnerable failure scenarios in a water pipe network. WIT Transactions on Information and Communication Technologies, 2010, , . | 0.0 | 0 |
| 121 | Foundations for a Mobile Context-Aware Advertising System. Communications in Computer and Information Science, 2011, , 51-61. | 0.5 | 0 |
| 122 | Motivations and Trends for IT/IS Adoption. , 2011, , 1769-1788. | | 0 |
| 123 | Contact Centers. , 2011, , 98-115. | | 0 |
| 124 | Framework for Collaborative 3D Urban Environments. Communications in Computer and Information Science, 2011, , 19-28. | 0.5 | 0 |
| 125 | PLAYER. , 2012, , 202-216. | | 0 |
| 126 | Potential Use of the Theory of Vulnerability in Information Systems. Information Resources Management Journal, 2012, 25, 22-33. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | The Use of Customer Relationship Management Software in Meta-Enterprises for Virtual Enterprise Integration. , 2013, , 245-259. | | 0 |
| 128 | Results of CRM Adoption in Large Companies in Portugal. Studies in Computational Intelligence, 2013, , 5-13. | 0.9 | 0 |
| 129 | MOTIVATIONS FOR THE ADOPTION OF ERP AND CRM SYSTEMS: A COMPARATIVE ANALYSIS. , 2013, , . | | 0 |
| 130 | Enterprise information systems. Learning Organization, 2013, 20, . | 1.4 | 0 |
| 131 | Risk Management Information System Architecture for a Hospital Center. International Journal of Healthcare Information Systems and Informatics, 2013, 8, 58-72. | 0.9 | 0 |
| 132 | Risk Management Information System Architecture for a Hospital Center. , 2015, , 755-770. | | 0 |
| 133 | Editorial. Multiperspective Leadership. International Journal of Educational Leadership and Management, 2016, 4, 1-4. | 0.8 | 0 |
| 134 | Success factors of CRM project management – A Literature Review. , 0, , . | | 0 |
| 135 | An Exploratory Study on the Influencers of the Perceived Relevance of CIO's Activities and Skills. Advances in Business Information Systems and Analytics Book Series, 2017, , 401-421. | 0.4 | 0 |
| 136 | AVALIAÇÃO DO DESEMPENHO POTENCIAL DO GESTOR DE SISTEMAS DE INFORMAÇÃO COM BASE NA EXPERIÊNCIA, FORMAÇÃO E CARACTERÍSTICAS PESSOAIS. , 0, , . | | 0 |
| 137 | Performance Appraisal Approaches and Methods for IT/IS Projects. , 2019, , 1589-1603. | | 0 |
| 138 | IS Project Management Success in Developing Countries. Lecture Notes in Business Information Processing, 2020, , 769-780. | 1.0 | 0 |
| 139 | ISOPM. , 2020, , 1859-1881. | | 0 |
| 140 | Information Systems Outsourcing in Large Companies. , 0, , 81-95. | | 0 |
| 141 | Location Based E-commerce System. , 0, , 881-892. | | 0 |
| 142 | The Use of Customer Relationship Management Software in Meta-enterprises for Virtual Enterprise Integration. Advances in Electronic Commerce Series, 0, , 312-326. | 0.3 | 0 |
| 143 | Information Systems Outsourcing in Large Companies. , 0, , 1554-1568. | | 0 |
| 144 | Nutritional Monitoring and Advising Information System for Healthcare Support. , 0, , 636-651. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Tools for the Information System Function Management: A Roadmap. Communications in Computer and Information Science, 2008, , 476-483. | 0.5 | 0 |
| 146 | Modern ICT Technologies In Business Administration. , 0, , 459-475. | | 0 |
| 147 | Motivations and Trends for IT/IS Adoption. , 0, , 476-495. | | 0 |