

# Robert K Abercrombie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7635835/publications.pdf>

Version: 2024-02-01

37  
papers

409  
citations

1684188

5  
h-index

1720034

7  
g-index

37  
all docs

37  
docs citations

37  
times ranked

296  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | IoT Intrusion Detection Taxonomy, Reference Architecture, and Analyses. Sensors, 2021, 21, 6432.   | 3.8 | 30        |
| 2  | Microgrid Disaster Resiliency Analysis: Reducing Costs in Continuity of Operations (COOP) Planning. , 2019, , .  |     | 1         |
| 3  | Security management of cyber physical control systems using NIST SP 800-82r2. , 2017, , .  |     | 17        |
| 4  | Towards Reducing the Data Exfiltration Surface for the Insider Threat. , 2016, , .   |     | 4         |
| 5  | Risk and Vulnerability Assessment Using Cybernomic Computational Models. , 2015, , .   |     | 2         |
| 6  | Risk Assessment For Industrial Control Systems Quantifying Availability Using Mean Failure Cost (MFC). Journal of Artificial Intelligence and Soft Computing Research, 2015, 5, 205-220. | 4.3 | 16        |
| 7  | Co-Simulation Platform for Characterizing Cyber Attacks in Cyber Physical Systems. , 2015, , .   |     | 12        |
| 8  | Security Analysis of Smart Grid Cyber Physical Infrastructures Using Game Theoretic Simulation. , 2015, , .  |     | 6         |
| 9  | OPNET/Simulink Based Testbed for Disturbance Detection in the Smart Grid. , 2015, , .  |     | 10        |
| 10 | Quantifying the impact of unavailability in cyber-physical environments. , 2014, , .   |     | 2         |
| 11 | Security Analysis of Selected AMI Failure Scenarios Using Agent Based Game Theoretic Simulation. , 2014, , .   |     | 8         |
| 12 | Quantifying availability in SCADA environments using the cyber security metric MFC. , 2014, , .  |     | 2         |
| 13 | Systems Life Cycle and Its Relation with the Triple Helix. , 2014, , 103-125.  |     | 1         |
| 14 | Risk Assessment Methodology Based on the NISTIR 7628 Guidelines. , 2013, , .   |     | 19        |
| 15 | Failure impact analysis of key management in AMI using cybernomic situational assessment (CSA). , 2013, , .  |     | 5         |
| 16 | Conceptual framework to enable early warning of relevant phenomena &#x201C;Emerging phenomena and big data&#x201D;. , 2013, , .  |     | 0         |
| 17 | Designing and operating through compromise. , 2013, , .  |     | 3         |
| 18 | Defining and computing a value based cyber-security measure. Information Systems and E-Business Management, 2012, 10, 433-453.   | 3.7 | 15        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A study of scientometric methods to identify emerging technologies via modeling of milestones. <i>Scientometrics</i> , 2012, 91, 327-342.  | 3.0 | 34        |
| 20 | Validating Cyber Security Requirements: A Case Study. , 2011, , .  |     | 1         |
| 21 | Defining and computing a value based cyber-security measure. , 2011, , .   |     | 2         |
| 22 | Secure cryptographic key management system (CKMS) considerations for smart grid devices. , 2011, , .   |     | 2         |
| 23 | Addressing the need for independence in the CSE model. , 2011, , .   |     | 5         |
| 24 | Secure VM for monitoring industrial process controllers. , 2011, , .   |     | 0         |
| 25 | Quantifying security threats and their potential impacts: a case study. <i>Innovations in Systems and Software Engineering</i> , 2010, 6, 269-281.   | 2.1 | 104       |
| 26 | A Systematic Comprehensive Computational Model for Stake Estimation in Mission Assurance - Applying Cyber Security Econometrics System (CSES) to Mission Assurance Analysis Protocol (MAAP). , 2010, , .   |     | 5         |
| 27 | Software requirements for a system to compute mean failure cost. , 2010, , .   |     | 1         |
| 28 | Modeling stakeholder/value dependency through mean failure cost. , 2010, , .   |     | 9         |
| 29 | Managing complex IT security processes with value based measures. , 2009, , .  |     | 14        |
| 30 | Quantifying security threats and their impact. , 2009, , .   |     | 3         |
| 31 | Methodology for Evaluating Security Controls Based on Key Performance Indicators and Stakeholder Mission. , 2009, , .  |     | 18        |
| 32 | Evaluating security controls based on key performance indicators and stakeholder mission. , 2008, , .  |     | 13        |
| 33 | 4th annual cyber security and information intelligence research workshop. , 2008, , .  |     | 0         |
| 34 | Synopsis of Evaluating Security Controls Based on Key Performance Indicators and Stakeholder Mission Value. , 2008, , .  |     | 15        |
| 35 | A Methodology to Evaluate Agent Oriented Software Engineering Techniques. , 2007, , .  |     | 25        |
| 36 | An explanation for the folding fibers in proboscis retractor muscles of <i>Phascolopsis</i> (= <i>Golfingia</i> ) Gould. II. Structural evidence from sem of teased, glycerinated muscles and light microscopy of koh-isolated fibers. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1984, 77, 31-38. | 0.6 | 2         |

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|----|---|-----|-----------|
| 37 | An explanation for the folding fibers in proboscis retractor muscles of <i>Phascolopsis</i> (= <i>Golfingia</i> ) Gould. I. correlation between length-tension data and structure in living muscle. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1984, 77, 23-29. | 0.6 | 3         |