

PUTERI SHIREEN BINTI JAHN KASSIM



- KULLIYAH OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
- IIUM Gombak Campus
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المؤهل العلمي

- Ph.D in Architecture
- Master of Design Science (Building)
- Bachelor of Science (Architecture)

مسؤوليات التدريس

ADVANCED CADD FOR INTERIOR DESIGN	2017/2018
ADVANCED COMPUTER GRAPHICS	2016/2017 2017/2018
APPLIED ARTS AND DESIGN (AAD) STUDIO 1	2016/2017 2017/2018 2018/2019 2019/2020
APPLIED ARTS AND DESIGN (AAD) STUDIO 2	2016/2017
APPRECIATION OF ASIAN ART AND DESIGN	2017/2018 2019/2020
ARCHITECTURAL DESIGN 1 (STUDIO)	2012/2013 2013/2014 2015/2016
ARCHITECTURAL DESIGN 2 (STUDIO)	2012/2013
ARCHITECTURAL DESIGN 6 (STUDIO)	2014/2015
ARCHITECTURAL DESIGN I (STUDIO)	2005/2006
ARCHITECTURAL DESIGN II (STUDIO)	2004/2005
ARCHITECTURAL GRAPHICS	2015/2016
BUILDING ECONOMICS	2009/2010
BUILDING ENERGY ANALYSIS & CONSERVATION	2007/2008 2008/2009 2009/2010 2010/2011 2012/2013 2013/2014 2016/2017 2017/2018 2018/2019
BUILDING SERVICES 1	2016/2017
BUILDING SERVICES 3	2004/2005 2005/2006
BUILDING SERVICES II	2003/2004
ECOLOGICAL SUSTAINABLE DESIGN	2016/2017
ECOLOGICALLY SUSTAINABLE DESIGN	2011/2012 2012/2013 2014/2015

ENVIRONMENTAL CONSCIOUS DESIGN	2005/2006 2015/2016
ENVIRONMENTAL SCIENCE & SYSTEM 1	2004/2005 2014/2015
ENVIRONMENTAL SCIENCE AND SYSTEMS 2	2005/2006
FIRE TECHNOLOGY	2009/2010
GRAPHICS COMMUNICATION AND PRESENTATION	2017/2018
HABITAT DESIGN I (STUDIO)	2003/2004 2004/2005
HISTORY OF ART	2018/2019 2019/2020
HISTORY OF BUILDING CONSTRUCTION	2011/2012 2017/2018
INTEGRATED MULTI DISCIPLINARY PROJECT 1	2015/2016
INTERIOR DESIGN PROFESSIONAL PRACTICE	2019/2020
INTRODUCTION TO ARCHITECTURE	2003/2004
ISLAMIC CRAFTMANSHIP	2019/2020
LANDSCAPE CONSTRUCTION (SERVICES)	2008/2009 2009/2010
LIGHTING & ACOUSTIC	2008/2009
LIGHTING AND ACOUSTIC	2006/2007 2007/2008 2009/2010 2011/2012 2012/2013 2013/2014 2014/2015 2016/2017
LIGHTING AND COLOUR	2008/2009 2009/2010 2010/2011
PROJECT AND EXHIBITION	2017/2018
RESEARCH METHODOLOGY	2019/2020
SPACE PLANNING AND ERGONOMICS	2017/2018 2019/2020
SUSTAINABLE ECOLOGICAL DESIGN	2007/2008
THEORY OF ARCHITECTURE	2012/2013 2015/2016

المشاريع البحثية

In Progress

2020 - Present Analysis, Collection, and Classification of Green Life Cycle Carbon - Based Materials and Products and Their Impact on Interior Healthcare Environment

2019 - Present KAED PUBLICATIONS ON (IDEATIONS IN ISLAMIC ARCHITECTURE AND THE APPLIED ARTS)

2019 - Present KAED PUBLICATIONS ON (IDEATIONS IN ISLAMIC ARCHITECTURE AND THE APPLIED ARTS)

2016 - Present Elements of Energy, Carbon and Climatic Characterization of Malay Architecture in the Tropics in relation to BIM-Linked Dynamic Environmental Simulation and Analysis

2016 - Present Characterization of rules of Malay architectural language and its environmental performance

2015 - Present Empirical modeling as a strategic environmental cooling and reduction of heat island impact in relation to Islamic and Modern Urbanism Principles

2013 - Present Virtual Kuala Lumpur Mosque Content Using Mixed Interactive Mobile Applications Platform

Completed

2017 - 2017 Pembinaan Aplikasi i-Islam Perlis Majlis Agama Islam dan Adat Istiadat Melayu Perlis (MAIPs)

2015 - 2018 Empirical modeling as a strategic environmental cooling and reduction of heat island impact in relation to Islamic and Modern Urbanism Principles

2015 - 2017 Versatile MyMasjid Mobile Application Prototype Development

2013 - 2018 Virtual Kuala Lumpur Mosque Content Using Mixed Interactive Mobile Applications Platform

2013 - 2018 Virtual Kuala Lumpur Mosque Content Using Mixed Interactive Mobile Applications Platform

2013 - 2014 Using Augmented Reality in the Dissemination of Cultural Heritage: Evaluating Presence

2010 - 2012 The evaluation on the effectiveness of virtual reality (VR) application on learning history and cultural heritage in informal education institutions

2010 - 2011 Functionalities of 4D Virtual Construction Simulation Tool in Current Practices of Project Control in Malaysia.

2009 - 2012 Intergrating Animation and video materials into virtual reality interface-A case study of islamic Architectural heritage complex

2009 - 2011 The State of ICT Use by Museums in Malaysia

2008 - -1 Daylight Performance of Long-span Airport Terminal Design and its Link with Energy Efficiency and Visual Comfort.

2008 - 2012 Development of Real Time Visualization in Urban Environmental Performance - Towards Integrating Time Sequencing into Environmental Impact and Performance Analysis in Sustainable Built environmental Urban Planning

2007 - 2011 Optimization of the Cooling Systems for Data Centres for the Tropical Environments

- 2007 - 2011** Virtual Reality and Environmental Performance Animation of 'Environmentally-Intelligent' Features of Islamic Architectural Heritage of the Early Persian Civilizations.
- 2006 - 2014** A Thermal Performance Analysis and Storage Potential Study of A Proposed Waste Material Integrated Heat Sink Process in Ground Floor Slab and OutDoor Pavement For Residences In Malaysia
- 2006 - 2009** Integration of Environmental Simulation and Analysis in A Virtual Reality Framework: The Assessment of Urban Masterplan And Outdoor Spaces Based On Environmental Performance in A 3D Real-Time Visualisation In Hot, Humid And Hot, Arid Climates
- 2005 - 2010** An Assessment of The Zero Energy House - A Comparison of Energy Conservation Strategies and Bioclimatic Performances in The Temperate and Tropical Context
- 2004 - 2009** Informing Urban Bioclimatic Design in The Tropics Through Computational Fluid Dynamics

المنشورات

Article

- 2020** [Identifying the parameters of the Malay classical architecture.](#) Planning Malaysia , 18 (2) pp.59-72
- 2020** [The variants and meanings of Malay motif ornamentation in the urban context: a case study of Putrajaya.](#) Planning Malaysia , 18 (2) pp.219-230
- 2019** [From centre to centrifugal dispersion of the maritime 'Melayu' culture: modelling the regional reverberations of the medieval Melaka empire.](#) DISEGNARECON , 12 (22) pp.9.1-9.17
- 2019** [Performance trends and lifecycle savings of implemented solar photovoltaic system in housing development under tropical climat.](#) International Journal of Advanced Research (IJAR) , 7 (2) pp.695-703
- 2019** [The three layerings of Malay aristocratic ornamentations: survival of semantic categories amidst stylistic changes.](#) JOURNAL OF BUILT ENVIRONMENT, TECHNOLOGY AND ENGINEERING , 6 pp.1-12
- 2019** [Reframing a 'theory of origin' of Malay architecture: a basis from the public realm.](#) e-Bangi : Journal of Social Sciences and Humanities , 16 (4) pp.1-20
- 2019** [Evaluation of rainwater harvesting system with shared built tank in housing development in tropical climate.](#) International journal of engineering research & technology , 8 (7) pp.969-973
- 2019** [The hybrid aesthetics of the malay vernacular: reinventing classifications through the classicality of South East Asia's palatial forms.](#) International Journal of Recent Technology and Engineering , 8 (1S) pp.340-350
- 2019** [The Balustrade and the 'kekisi': a strategy in infusing Malay identity through filters and railings in South East Asian urbanism and architecture: case studies in Melaka and Kedah, Malaysia.](#) Cultural Syndrome , 1 (2) pp.117-132

- 2019** [Architecture ecologised: nature's patterns and abstractions in Malay built traditions.](#) Cultural syndrome , 1 (2) pp.107-116
- 2019** [Themes of classicality in the Malay architectural form: principles from an aristocratic realm = Tema keklasikan dalam bentuk seni bina Melayu: prinsip daripada golongan bangsawan.](#) Melayu: Jurnal Antarabangsa Dunia Melayu , 11 (1) pp.27-59
- 2019** [Multiculturalism as a reflection in the decorative motif in Malaysia traditional buildings.](#) Borneo Journal of Social Sciences and Humanities , 1 (1) pp.1-11
- 2019** [Modulations of identities: a regional facade design resource from the aristocratic vernacular.](#) Cultural Syndrome , 1 (1) pp.34-52
- 2019** [Multiculturalism as a reflection in the decorative motif in Malaysia traditional buildings.](#) Borneo Journal of Social Science and Humanities , 1 (1) pp.1-11
- 2018** [Tropical environmentalism of the 'Malayu' public realm-A reconstruction of traditional urban climatic 'sanctuaries'.](#) Journal of Built Environment, Technology and Engineering , 5 pp.21-33
- 2018** [The challenge of designing culturally.](#) Construction+ , 2018 (11) pp.14-19
- 2018** [Ecological urbanism in the tropics studies on the sustainable dimensions of Malay traditional urban centers.](#) International Journal of Engineering & Technology , 7 (3.9 Special Issue 9) pp.93-99
- 2018** [Classifications of classical Malay aristocratic architecture:identifying generic and variant forms.](#) Planning Malaysia : Journal of the Malaysian Institute of Planners , 16 (2) pp.304-322
- 2018** [Hybrid aesthetics classification in Malay neo-classicality reinventing identity through aristocratic structures.](#) Asia Proceedings of Social Sciences (APSS) , 1 (4) pp.71-75
- 2018** [Identity, tradition and the city: Dichotomies and realities of creating an Urban language of the Malay palace.](#) Planning Malaysia: Journal of the Malaysian Institute of Planners , 16 (1) pp.265-280
- 2017** [Women space in the design of masjid in Malaysia: how much space do women need?.](#) Advanced Science Letters , 23 (7) pp.6294-6298
- 2017** [Coupling thermal mass and water systems as urban passive design in hot climates.](#) ARPN Journal of Engineering and Applied Sciences , 12 (16) pp.4786-4790
- 2016** [A historiography of the Mosque: Reconciling a renaissance of spirituality in the material forms of Islamic architecture.](#) Advanced Science Letters , 22 (9) pp.2164-2169
- 2016** [Allusions to Mughal urban forms in the monumentality of Chandigarhs capitol complex.](#) Journal of Architecture and Urbanism , 40 (3) pp.177-190
- 2016** [Effects of interactive digital media on architectural heritage learning.](#) Jurnal Teknologi , 78 (2-2) pp.41-48

- 2016 [The architectural integration of passive systems through thermal flywheel effect with evaporative cooling in Shish Mahal, Lahore Fort, Pakistan.](#) Journal of Built Environment, Technology and Engineering, , 1 pp.310-320
- 2013 [User requirements for virtual reality in architectural heritage leaning.](#) International Journal of Interactive Digital Media , 1 (1) pp.37-45
- 2013 [User requirements for virtual reality in architectural heritage learning.](#) International Journal of Interactive Digital Media , 1 (1) pp.37-45
- 2010 [A simulation method to find the optimal design of photovoltaic home system in Malaysia, case study: a building integrated photovoltaic in Putra Jaya.](#) International Journal of Human and Social Sciences , 5 (2) pp.117-121
- 2009 [A simulation method to find the optimal design of photovoltaic home system in Malaysia, case study: a building integrated photovoltaic in Putra Jaya.](#) World Academy of Science, Engineering and Technology , 53 pp.694-698

Conference or Workshop Item

- 2019 [Malay abstractions of ecological patterns into geometricised expressions in palatial architecture and the applied arts.](#) In: **International Conference On Design Industries & Creative Culture 2019**
- 2019 [A customized classification with codification of Malay architectural heritage:the Malay Palatial facades.](#) In: **Innovation And Technology Exposition InTEX19**
- 2019 [A genealogy of Malay architecture: 'the public realm'.](#) In: **Exhibition and Lecture Series: Malay Architecture - The Resilience of Tradition from Origins to the Contemporary**
- 2019 [The mosque in the Malay world: on the origins of spiritual form and space.](#) In: **Exhibition and Lecture Series: Malay Architecture-The Resilience of Tradition from Origins to the Contemporary**
- 2019 [Aesthetic value of Rumah Kuttai.](#) In: **Exhibition and Lecture Series: Malay Architecture-The Resilience of Tradition from Origins to the Contemporary**
- 2019 [The three layerings of Malay Aristocratic ornamentations: survival of semantic categories amidst stylistic changes.](#) In: **The 6th Putrajaya International Built Environment, Technology and Engineering Conference (PIBEC 6) 2019**
- 2019 [Low energy cities : dimensions of masterplanning and architecture of sustainability across tropical Asia - comparing past and present forms and technologies.](#) In: **2019 International Conference on Civil, Architecture and Urban Engineering (ICCAUE 2019)**
- 2019 [The Malay-inspired residences: embodying the Malay weltanschauung.](#) In: **Exhibition and Lecture Series: Malay Architecture - The Resilience of Tradition from Origins to the Contemporary**
- 2019 [The mosque in the Malay world: on the origins of spiritual form and space.](#) In: **Exhibition and Lecture Series: Malay Architecture - The Resilience of Tradition from Origins to the Contemporary**
- 2019 [Reinventing the passive design framework in the tropics: the experience of green rating systems and passive strategies.](#) In: **"Technical Symposium 2019: Transforming Built Environments"**

- 2018 [Identifying Malay regional character through aristocratic architectural elements.](#) In: **7th International Seminar On Nusantara Heritage 2018 (7th ISoNH 2018)**
- 2018 [The aesthetic tendencies of early modernity in South-East Asia: the hybrid language of aristocratic palaces of the early 1900s in Malaysia.](#) In: **7th International Seminar On Nusantara Heritage 2018 (7th ISoNH 2018)**
- 2018 [Analysis of the spatial reasoning of historical Perak Sultanate.](#) In: **The 39th Asia Conference on Remote Sensing (ACRS 2018)**
- 2018 [The generational impact of tawḥidic practices and propensities in architectural historiography: linking the notion of 'Time' in Sūrah al-'Aṣr to architectural evolvments.](#) In: **3rd International Seminar on Islamic Thought (ISoIT3) 2018**
- 2018 [Compositional-cultural evolutions as variations of Malay architectural and constructional vocabulary- a review.](#) In: **International Conference on Language, Culture and Society 2018 (2018)**
- 2018 [Historical "intimacy" in Malay urban core configurations - a comparative analysis.](#) In: **The International Heritage and Cultural Conservation Conference (InHerit 2018)**
- 2016 [Women space in the design of Masjid in Malaysia: how much space do women need?.](#) In: **International Conference Architecture and Built Environment (ICABE) 2016**
- 2016 [Architectural review on the contemporary mosque/ masjid architecture of Malaysia: where are we heading?.](#) In: **The International Symposium of the New Quest for the Mosque Architecture in Contemporary Era**
- 2016 [Evoking Malaysian architecture cultural identity through development of parametric bim.](#) In: **16th International Conference on Construction Applications of Virtual Reality**
- 2016 [Issues and potential of mosque as a spiritual tourism destination in Malaysia.](#) In: **ISER 22nd International Conference 2016**
- 2016 [A historiography of the mosque: reconciling a renaissance of spirituality and material form in Islamic architecture.](#) In: **2016 International Conference on Philosophy, Theology and Oriental Studies (PHILOTIS 2016)**
- 2015 [An integrated carbon and sustainability index from green buildings in the tropics.](#) In: **Technical Symposium 2015 : Simple Buildings Better Buildings? Delivering performance through engineered solutions**
- 2015 [The historicist city in the tropical climate: conflations of identity, sustainability, permeability and walkability.](#) In: **International Conference on Universal Design in the Built Environment (ICUDBE 2015)**
- 2015 [User perception on interactive digital exhibits and learning experience.](#) In: **2014 The 5th International Conference on Information and Communication Technology for The Muslim World (ICT4M)**
- 2014 [Investigation on women's space in masjid architecture: case study of selected masjids in Malaysia.](#) In: **XXVth International Union of Architects World Congress**

- 2013 [Integrating simulation and visualisation for energy efficiency in a large public mall in the tropics.](#) In: **13th International Conference on Construction Applications of Virtual Reality (CONVR)**
- 2013 [Pilot tests of augmented realities in science displays and design presentations.](#) In: **13th International Conference on Construction Applications of Virtual Reality (CONVR)**
- 2013 [Constructing theories of architecture - Deconstructing the past movements of architecture and design through Islamic perspectives.](#) In: **1st World Congress on Integration and Islamicisation of Acquired Human Knowledge (FWCII 2013)**
- 2010 [Understanding the underlying principles of Masjid architecture through study of built form in place, time, people and culture in demystifying Islamic architecture.](#) In: **IUUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010 [User-centered design and evaluation of e-heritage: a virtual reality prototype for learning architectural heritage in informal education.](#) In: **10th International Conference on Construction Applications of Virtual Reality (CONVR 2010)**
- 2010 [The level of information and communication technology use by museums in Malaysia.](#) In: **International Symposium on Information Technology 2010**
- 2009 [A new tool for assessment of mould growth on building materials.](#) In: **3rd International Conference on Modeling, Simulation, and Applied Optimization (ICMSAO 2009)**
- 2009 [E-Learning in the teaching of history through architecture.](#) In: **Seminar Kebangsaan ICT dalam Pendidikan 2009**
- 2008 [Study the campus weather observation for environmental monitoring.](#) In: **International Conference on Environmental Design (ICED) - UMRAN 2008**
- 2008 [Sustainable residential low density urban development: integrating sustainable consciousness with commercial viability.](#) In: **2008 World Sustainable Building Conference**
- 2008 [Integrating virtual reality in environmental and construction research - a case study of a building performance analysis and islamic heritage reconstruction animation.](#) In: **7 th Annual Conference Management in Construction Researchers' Associations MICRA 2008**
- 2008 [Study the performance of porous pavement on urban thermal environment. Part 1: Field observation .](#) In: **Micra 2008**
- 2008 [Integrating a computational fluid dynamics simulation and visualization with a 3D virtual walk through - a case study of Putrajaya .](#) In: **8th International Conference on Construction Applications of Virtual Reality (CONVR 2008)**
- 2008 [Integration of environmental performance in a virtual reality framework: case study of Putrajaya.](#) In: **8th International Conference on Construction Applications of Virtual Reality (CONVR 2008)**
- 2008 [Three dimensional user interface for Islamic heritage education and exhibition applications - a proposal.](#) In: **7th Annual Conference Management in Construction Researchers' Association MICRA 2008**

- 2008 [Developing a virtual environment for viewing urban spatial planning and constructional features of an urban heritage site - the case of Fatehpur Sikri, India.](#) In: **8th International Conference on Construction Application of Virtual Reality (CONVR 2008)**
- 2007 [Virtual reality in heritage studies and historical reconstruction through animation – A case study of a 16th century university complex in the Ottoman world.](#) In: **7th International Conference on Construction Applications of Virtual Reality: October 22-23, 2007**
- 2007 [Virtual reality in heritage studies and historical reconstruction through animation – A case study of a 16th century university complex in the Ottoman world.](#) In: **7th International Conference on Construction Applications of Virtual Reality:**
- 2006 [Linking bioclimatic theory and environmental performance in its climatic and cultural context: an analysis into the tropical highrises of Ken Yeang.](#) In: **23rd International Conference on Passive and Low Energy Architecture (PLEA 2006)**

Book

- 2017 [The resilience of tradition: Malay allusions in contemporary architecture.](#) Areca Books . ISBN 978-967-5719-31-8
- 2016 [Dimensions of Masjid architecture: perspectives and writings in theory and design.](#) Kulliyah of Architecture and Environmental Design, IIUM . ISBN 978-983-3142-33-0
- 2014 [Architecture as a celebration of multi-culturalism: revisiting Fatehpur Sikri.](#) IIUM Press . ISBN 9789674183363
- 2010 [Architecture as a reflection of social structure : a reminiscence of the Sulaymaniye Complex of Istanbul.](#) Kulliyah of Architecture & Environmental Design, IIUM and Al-Bukhary Foundation . ISBN 978-983-3142-12-5
- 2009 [Thoughts on the theory and language of architecture : Lecture Series Part 1](#) Ar.Hijjas Kasturi. MPH Group Printing (M) Sdn.Bhd . ISBN 978-983-3855-58-2

Book Section

- 2019 [The identity of Islam in project development and the public realm: resisting global mimicry and returning to contextualised inventiveness.](#) In: **Islamic development management: recent advancements and issues** Springer . ISBN 9789811375835 , pp.299-317
- 2018 [Public buildings of early independence: confluences of regionalism and national identity.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.59-78
- 2018 [Monumentalising the vernacular: criticality, culture and identity of the city.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.79-100
- 2018 [Regionalism in university buildings: tectonics, form and criticality.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.101-116

- 2018 [Between criticality and pastiche: the Putrajaya boulevard.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.137-154
- 2018 [Criticality, symbolic capital and the high-rise form.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.155-176
- 2018 [The transport terminal: marking national landmarks.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.177-192
- 2018 [Urban syncretism: conscious and unconscious architectural formation of national identity.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.209-234
- 2018 [Conclusions.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.235-256
- 2018 [The regional and national agenda in urban-architectural identity though conflicts and confluences.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.1-30
- 2018 [The mosque in a multicultural context: modernity, hybridity and eclecticism.](#) In: **Modernity, nation and urban-architectural form: the dynamics and dialectics of national identity vs regionalism in a tropical city** Palgrave Macmillan . ISBN 978-3-319-66130-8 , pp.31-58
- 2017 [In the spirit of tradition: ornamentation, expressive forms and the environment.](#) In: **The resilience of tradition: Malay allusions in contemporary architecture** Areca Books . ISBN 978-967-5719-31-8 , pp.95-105
- 2017 [The genius of tradition: Palatial classicism in the Malay world.](#) In: **The resilience of tradition: Malay allusions in contemporary architecture** Areca Books . ISBN 978-967-5719-31-8 , pp.116-136
- 2016 [The masjid in modernity: Form, space and syntax.](#) In: **Dimensions of Masjid Architecture-Perspectives and Writings in Theory and Design** MPH Group Printing (M) Sdn Bhd . ISBN 978-983-3142-33-0 , pp.23-36
- 2016 [Women and space in masjid architecture: Patterns, principles & perspectives.](#) In: **Dimensions of Masjid Architecture-Perspectives and Writings in Theory and Design** MPH Group Printing (M) Sdn Bhd . ISBN 978-983-3142-33-0 , pp.77-90
- 2011 [Assessment of linkage between natural ventilation, thermal comfort and urban morphology of a semi-open plaza in the hot-humid climate .](#) In: **Readings In Contemporary Construction Technology and Management** IIUM Press . ISBN 9789674180515 , pp.73-84

- 2011 [A method of assessment and organisational database of green materials for sustainable buildings in the tropics - a focus on healthcare facilities](#) . In: **Readings In Contemporary Construction Technology and Management** IIUM Press . ISBN 9789674180515 , pp.85-95
- 2011 [Towards the zero energy house - a comparison of bioclimatic strategies and thermal comfort issues in two differing climates](#) . In: **Readings In Contemporary Construction Technology and Management** IIUM Press . ISBN 9789674180515 , pp.96-108
- 2011 [Mould growth prevention in public hospitals: fundamentals, challenges and issues](#). In: **Issues in facilities management and maintenance: a Malaysian perspective** IIUM Press . ISBN 9789674180355 , pp.1-39
- 2011 [Energy management issues and practices in regional transportation hubs: a case study of airport terminal](#). In: **Issues in facilities management and maintenance: a Malaysian perspective** IIUM Press . ISBN 9789674180355 , pp.61-76
- 2011 [Waste management in the working environment: principles, issues and implementation](#). In: **Issues in facilities management and maintenance: a Malaysian perspective** IIUM Press . ISBN 9789674180355 , pp.198-214
- 2011 [Performance based approaches in fire safety assessment: the case of evacuation time in shopping complexes](#). In: **Issues in facilities management and maintenance a Malaysian perspective** IIUM Press . ISBN 9789674180355 , pp.215-236
- 2010 [Ministry of Energy, Water, Communication \(MEWC\) building Putrajaya, Malaysia](#). In: **Sustainable buildings in practice** Routledge . ISBN 9780415399326 , pp.295-303
- 2009 [Light, air and water in the Qur'an: selected aspects of an environmental approach to the built environment](#). In: **An Anthology of Essays on Integrating Islamic Values in the Theory and Practice of Architecture and the Built Environment** Kulliyah of Architecture and Environmental Design, IIUM . ISBN 9833855575 , pp.143-149
- 2006 [Integrating a computational fluid dynamics simulation and visualization with a 3D virtual walkthrough - a case study of Putrajaya](#). In: **Innovations in 3D Geo Information Systems** Springer . ISBN 978-3-540-36997-4 , pp.599-614