

Ali Keyvanfar, Ph. D

IRB Chair, Asst. Professor
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Curriculum Vitae

Analytical, visionary professional with close to 10 years of high-impact experience across higher education and international construction consulting environments. Proven record of teaching, research, and community services with a focus on sustainable construction, green materials, green architecture, and sustainable urban and infrastructure development. Strong business acumen coupled with new product/service development, spin-off advisory, business model, and traction planning, as well as fundraising. Articulate communicator continually focused on building and strengthening relationships across educational groups, community stakeholders, international partners, and peers. A collaborative leader and dedicated scientist skilled in international research leadership.

SELECT ACHIEVEMENTS

- Recipient of **United States' alien with extraordinary ability green card (EB1-A)** 2017
- Created award-winning research products & services that have been patented and trademarked in the construction industry.
- Secured numerous multi-disciplinary international research funds (more than \$2M).
- Recipient of the Korea 2016's World Scientist Award and received an honorary visiting Professorship appointment from Korea Invention Academy.
- In October 2013, honored with the Best Ph.D. student graduation award.

EDUCATION

Ph.D. in Civil Engineering, 2013

Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia and Johor Bahru

- *Construction Management and Sustainable Design*

MSc. in Construction Management, 2009

Universiti Teknologi Malaysia, Kuala Lumpur and Johor Bahru, Malaysia

- *Construction Quality Management*

BEng. in Civil Engineering, 2004

Islamic Azad University, Sanandaj Branch, Sanandaj, Kurdistan

AREAS OF EXPERTISE

- Teaching and Training (10+ years)
- R&D Project Management (10 years)
- Research supervising and mentoring (8 years)
- Technical Writing and Editing (10 years)
- Hiring, Team Building and Teamwork (10 years)
- New Product/Service Development and Patent Drafting (7 years)
- Policy Development (7 years)

POSITIONS/ACADEMIC EXPERIENCE

Kennesaw State University, Marietta, Georgia, USA

Chair of Institutional review board (IRB), 2021- Present

To establish procedures, policies, and support board members in reviewing KSU studies involving human subjects; and chair the IRB meeting on studies subject to board review to ensure a transparent, timely, and fair decision.

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Chair of CMD curriculum community (DCC), 2021- Present

To officially process IAB-approved curriculum proposals; to overview curriculum shortcomings and optimize academic plan with DCC proposals; to chair the departmental and IAB committees; to validate DCC decisions to be in line with ACCE and ABET accreditation criteria.

Elected Member of College Faculty council (CFC), 2021- Present

To consult with the dean in policy and planning, to overview and support other college committees and college boards for policy or proposal approval or decision making, to be the voice of faculty to the dean.

UN SDG faculty fellow, 2020- 2021

The Goal of the DGA-SDG Faculty Fellow (affiliated to CIFAL Atlanta, a research center under the UN Institute of Training and Research) was to benchmark and to improve the campus commitment to the Sustainable Development Goals (SDGs) through monitoring all KSU conducted projects (research, teaching, service, and operational), and define new projects, and raise awareness within the broader campus community regarding the importance of sustainable policies, practices, and activities.

Tenure track faculty member, Department of Construction Management, 2019- Present

To perform high quality of teaching in all types of modality including online (60% workload); To establish recognized research projects with benefit to local, state, federal, and intentional audiences (20% of workload); To work in leading service capacities helping students, CM department, college, KSU, and construction professional and academic community (20% of workload).

Center for Energy Research, University of California, San Diego, California, USA

Collaborating Professor / Visiting Scholar, 2018- 2019

Established a variety of validated partnership development service packages for international fundraising, generating significant income (\$ 400k) per program. (Project(s) Focused: Application of solar forecasting in the smart and sustainable built environment; Energy-efficient behavioral coaching system for building users)

Accreditation Board of Engineering and Technology (ABET), Baltimore, Maryland, USA

Program Evaluator, 2017-present

Perform yearly assessments of undergraduate programs in construction engineering and technology (and management) across the USA (or international schools) on accreditation exercises; Coordinating with ASCE supporting teams, under accreditation program chairs, and ABET accreditation team chairs; Improving the self-performance in ABET exercises based on annual peer-reviews and self-reflection.

Universidad Tecnológica Equinoccial, Quito, Ecuador

Visiting Professor, 2017- 2019

Formed eight research groups (4 in construction and 4 in architectural and urban studies). Planning the unveiling of UCSD/MIT-UTE construction research center. Executing campus college level 60 hours of interactive professional workshops on entrepreneurship research relevant to sustainable construction, which resulted in 20 publications and launching three different university service packages for local industries.

Korea Invention Academy, Seoul, South Korea

Visiting Professor, 2016- 2017

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Honorary position awarded to selected scientists from different disciplines and on their scientific achievements to perform juries, reviews on products and services ready to face the industry.

Universiti Teknologi Malaysia, Johor Bahru, and Kuala Lumpur, Malaysia

Adjunct Associate Professor, 2017-2018

Supervise students in supporting their publication output, financial aid issues, and thesis projects. Solicit national and international research funds by conducting workshops to promote the University and faculty and initiate international collaboration through MOU, MOA.

Middle-East Countries Research Grant Champion, 2016- 2017

Led several workshops regarding how to land available grants to colleagues.

MIT-UTM- Sustainable Cities Program, Johor Bahru & Kuala Lumpur, Malaysia

Managing Editor, 2015- 2016

Arrangements of peer-reviewing process, editorial, and reviewer coordination, language proofreading arrangement, generating similarity reports, arrangements of copyright agreements, decision making on several manuscripts, special issue arrangements, and coordination with program stakeholders.

Construction Research Centre, Faculty of Civil Engineering, UTM Kuala Lumpur & Johor Bahru, Malaysia

Senior Lecturer (Assistant Professor-Tenured), 2014- 2017

Forming 20+ national and international award-winning projects teams resulted in 7 patent filings and product licensing by coordinating cross-functional teams from Biotech, Nanotech, Aviation, Energy, Social science, IT, Material, Behavioral Science, Engineering, and Sustainability background.

(Focused product(s): UAV optimization, Zero Energy Cooling Wall, Post-disaster settlement technology package, Sustainable Hydropower Dam assessment, Energy Efficient Behavior Assessment, Green Driver Licensing, Self-healing concrete, Malaysian Green Highway Index)

Postdoctoral Researcher, 2013- 2014

Obtained two research funds (\$150K). Published one special issue and three publications. Completed a patent filing. Received a university award, Gold Medal & Jury Award. Supervised and mentored three Research Assistants. Carried out TA duties in courses related to MSc. Construction Management.

Visiting Researcher, 2012- 2013

Secured two research funds (\$10K). Authored six publications. Managed three Research Assistants (RA) on day-to-day activities. Carried out TA duties in courses related to MSc. Construction Management.

International Doctoral Fellowship, 2009- 2012

Acquired five research funds (\$250K). Honored with University awarded International Doctoral Fellowship, 2010, 2011, 2012. Wrote six publications. Successfully motivated and guided three master's degree students. Carried out TA duties in courses related to MSc. Construction Management.

General Justice Administration, Sanandaj, Kurdistan

Facility Project Engineer, 2005-2006

Plan, supervise, and monitor facilities under operation and ongoing construction projects. Coordination of contractors, consultants, authorities, and client demands. Quantity surveying of work progress. Reporting day-to-day activities. Defect monitoring and corrective action planning. Budget planning.

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TEACHING COURSES

Kennesaw State University, Georgia, USA

- ***Undergraduate course- CM3400-Risk and quality management (2019- current)***

This course focuses on developing risk management steps before and after signing the construction contract. It includes the development of a risk log, risk assessment, risk response planning, and risk control strategies. The course also briefs on quality assurance, quality control, costs of quality, and quality management tools and methods (3 credit hours).

- ***Undergraduate course- CM4512- Emerging trends in residential construction (2019- current)***

This course reviews emerging trends in the residential building industry. Students will learn about trends and how to manage these trends as modern risk factors in residential construction (3 credit hours).

- ***Undergraduate course- CM3110 - Residential & light construction methods (2019)***

This course introduces the materials, techniques, and methods used in residential (and commercial) construction. Material properties, wood products and framing, site work & equipment, foundations, structural systems, building envelopes, and scheduling basics (3 credit hours).

- ***Undergraduate course- CM3910- Sustainable Residential Practices (2020)***

This course emphasizes the techniques and methods of sustainable construction for the residential building industry. Also, students will explore sustainable residential construction assessment indexing systems and factors, then apply the indexing in a few case studies of sustainable assessment (assessment of modern construction material and method) (3 credit hours).

- ***Graduate course- CM6600- Construction Risk Analysis and Control (2020 -current)***

This course focuses on classic and modern risk management, including risk identification, risk assessment, risk management, risk mitigation, acceptance, and transfer. Risk of quality, Quality assurance, and Quality control are also introduced (4 credit hours).

- ***Graduate course- CM6901- Modern risk management in construction (2020 -current)***

Students in this directed study will learn the principles of modern risk management in a case study. Students will apply critical thinking on research in construction social sustainability, social tolerance, social carrying capacity associated. The core material consists of learning research skills inclusive of systematic literature review, data collection, data analysis, Writing, and reporting (4 credit hours).

UC San Diego, California, USA

- ***Graduate / professional course- Entrepreneurship research (2018-2019)***

The course introduces steps to transfer an idea to an award-winning product, designing postgraduate research to developing a successful spin-off.

Universidad Tecnológica Equinoccial, Quito, Ecuador

- ***Graduate / professional course- Entrepreneurship research (2017-2019)***

The course introduces steps to transfer an idea to an award-winning product, designing postgraduate research to developing a successful spin-off.

Universiti Teknologi Malaysia, Malaysia

- ***Graduate course- Construction Project Management (2013-2017)***

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The course reviews the History of PM, PM drivers and skills, PM monitoring and control, and PM problem-solving. Also, there are some highlights about PMBOK, PMI certificates, Decision-making methods (AHP, ANP, GGDM, Delphi, and Brainstorming), Project Complexity, Innovation Management, and Dynamic Modeling.

- **Graduate course- Research Methodology (2016-2017)**

This course teaches about Research Design, Construct Development, Data Collection & Analysis, and Report Writing. Course Highlights are on Scopus citation analysis and topic selection, in addition to research for Development of New Product & Services in Construction.

- **Graduate course- Construction Scheduling (2016-2017)**

The course introduces WBS, CPM, and MSP/P6. Course Highlights are Dynamic scheduling, n-D scheduling, UAV in construction.

- **Undergraduate course- Structure Lab (2016-2017)**

The course introduces basic and standard lab tests in commercial structure, and also, the course touches on the theoretical analysis of experimental error calculation for each test.

PROFESSIONAL EXPERIENCE

- **Delay factors of underground metro construction in Quito**, due for UTE (Ecuadorian private institute) as the client, USD (Not limited and in-kind) (2017-2018).
- **Readiness Level of Ecuador Construction Industry for UAV Applications**, due for UTE as the client, USD (Not limited and in-kind) (2017-2018).
- **Delay assessment consultancy for a transit development project (Qeshm Airport, Transit network, and access highways) in the middle east (\$ 2 Billion)**, due for WANZA group [Malaysian Client].
- **ROI risk assessment consultancy for subway development contract (\$ 4 Billion) Design / Build / Operate / Transfer of Tehran Monorail and Karaj Metro**, due for Client BA group (2015-16).
- **ROI analysis and risk assessments for Design/Build/Operate/Transfer (\$ 7 Billion) of Malaysia-Indonesia connecting bridge (immersed tunnel, over the sea bridge, transit network of Johor-Karimun-Riau link development)**, due for Client BA Group as the client (2015-17).

PROFESSIONAL DEVELOPMENT

- **UN SDG course redesign**, GA Tech, Aug.- Dec. 2021
- **Managing IRB meetings**, CITI, Aug. 2021
- **Designing a reflective assignment**, CETL KSU, June-Dec. 2020
- **Undergraduate research course redesign**, CETL KSU, June 2020
- **Online course redesign**, CETL KSU, June 2020
- **IRB member training**, CITI, Aug. 2019
- **ABET PEV**, ABET Engineering commission, May 2017-2018
- **Online course development**, UTM lead under openlearning.com, Feb. 2017
- **Supervisory self-assessment course**, UTM, Oct. 2016

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- *Smart Cities, ETH, Zürich., Sep. 2016*
- *PTC Patent Drafting and Filing, IFIA-International; Federation of Inventors' Association, March 2016*
- *Supervisory orientation course, UTM, September 2015*
- *Patent drafting, MyIPO (Malaysia Intellectual Property Organization), August 2015*
- *Construction industry & Environmental Issues: Alternatives & Solutions, Hydro, Quebec, Jan. 2015*
- *Health & Society, Harvard School of Public Health, Feb. 2014*
- *Valuation of Intellectual property, UTM, Malaysia, Oct. 2013*
- *Consensus Building for Environmental Sustainability, MIT, May 2012*
- *Journal Publication, Loughborough University, Nov. 2009*
- *Sustainable Production: Improving Eco-Efficiency, Technical University of Denmark (DTU) & UTM, 2009*

PROFESSIONAL AFFILIATIONS

- *Accreditation Board for Engineering and Technology (ABET)/program evaluator /USA/ 2017-current*
- *Construction Management Association of America (CMAA)/Faculty member/USA/2017-18*
- *American Society of Civil Engineering-Construction Institute (ASCE-CI)/Associate member/ USA/ 2014-18*
- *Association of Researchers in CONSTRUCTION MANAGEMENT (ARCOM)/ASSOCIATE MEMBER/ UK / 2013-18*

EDITORSHIP & PUBLICATIONS

EDITORIAL SERVICES:

1. Journal editor, Sustainability (Academic Journal) (2020- current)
2. Journal editor, ASCE Journal of Urban planning and development (2020- current)
3. Program editor, Massachusetts Institute of Technology (MIT) - Universiti Teknologi Malaysia (UTM) Sustainable cities program /Managing Editor/ 2015(Aug.)-2016(Aug.).
4. Program reviewer/editor, Visiting professor as an International Jury of KiA innovation exhibitions/2016-17.
5. Journal editor, Jurnal Teknologi (2014-2016)
6. Conference editor, ICONBUILD 2015 and 2017 Indonesia
7. Conference editor, Flood Disaster Conference 2016 & SEPKA-ISEED 2016, Malaysia
8. Conference editor, Mechanics, Civil Engineering and Building Material [MCEBM] 2017, China
9. Conference editor, Asian Advanced Material Congress 2017, Singapore
10. Conference editor, 2018 5th International Conference on Civil and Urban Engineering (ICCUE 2018), Spain
11. Journal reviewer, SUSTAINABLE CITIES AND SOCIETY (Q2, Index in ISI & Scopus, IF: 7.587).
12. Journal reviewer, ASCE JOURNAL OF ARCHITECTURAL ENGINEERING (Q1, Index in ISI & Scopus)
13. Journal reviewer, ENERGY (Q1, Index in ISI & Scopus, IF: 7.147)
14. Journal reviewer, ENERGY POLICY (Q1, Index in ISI & Scopus, IF: 6.142)
15. Journal reviewer, CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY (Q2, Index in ISI & Scopus, IF: 3.636)
16. Journal reviewer, JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME (Q2, Index in ISI & Scopus, IF:2.384)
17. Journal reviewer, JOURNAL OF CLEANER PRODUCTION (Q1, Index in ISI & Scopus, IF: 9.297)
18. Journal reviewer, ADVANCED MATERIALS (Q1, Index in ISI & Scopus, IF: 30.849)
19. Journal reviewer, MATERIAL AND DESIGN (Q1, Index in Thomson Reuters & Scopus, IF: 7.991)
20. Journal reviewer, ADVANCED MATERIALS INTERFACES (Q1, Index in ISI & Scopus, IF: 6.147)
21. Journal reviewer, DESALINATION AND WATER TREATMENT (Q2, Index in ISI & Scopus, IF: 1.234)
22. Conference reviewer, Associated Schools of Construction- ASC (2014- current)

REFEREED PUBLICATIONS (Updated by Dec. 2021):

1. **Keyvanfar, A.**, Shafaghat, A., & Awanghamat, M. A. (2021). Optimization and Trajectory Analysis of Drone's Flying and Environmental Variables for 3D Modelling the Construction Progress Monitoring. **International Journal of Civil Engineering**, 1-26.
2. **Keyvanfar, A.**, Shafaghat, A., Ismail, N., Mohamad, S., Ahmad, H. Multifunctional Retention Pond For Stormwater Management: A Decision-Support Model Using Analytical Network Process (ANP) And Global Sensitivity Analysis (GSA)(2021) **Ecological Indicators**, 124, Art. No. 107317.
3. Ferwati, M. S., **Keyvanfar, A.**, Shafaghat, A., & Ferwati, O. (2021). A Quality Assessment Directory for Evaluating Multi-functional Public Spaces. **Architecture and Urban Planning**, 17(1), 136-151.
4. **Keyvanfar, A.**, Shafaghat, A., Ya'Acob, N., Roslan, A. Sustainable Post-Disaster Settlement (SPS) Assessment Model For Evaluating Performance Of Construction Management In Post-Flood Risk-Reduction And Recovery (2021) **Journal Of Sustainability Science And Management**, 16 (5), Pp. 174-199.
5. Muhammad, N.Z., **Keyvanfar, A.**, Shafaghat, A., Majid, M.Z.A., Mirza, J., Mccaffer, R., Aliyu, M.M. Optimization Of Nano Silicon For Integral Mixing In Cement Mortar: A Response Surface Methodology Approach (2020) **AIP Conference Proceedings**, 2284, Art. No. 020009.
6. **Keyvanfar, A.**, Shafaghat, A., Inn, T.S., Mohamad, S. A Sustainable Urban Farming Index Assessment Model For Evaluating Food Productivity That Applies Multi-Criteria Decision-Making Methods — A Case Study In Malaysia (2020) **Journal Of Sustainability Science And Management**, 15 (7), Pp. 123-146.
7. Salim Ferwati, M., Wadi, R.S., Ferwati, O., **Keyvanfar, A.**, Shafaghat, A. Emerging Factors Shaping Identity Of Indigenous Urbanism Concurrently Adopting Modernity In Qatar: The Application Of Diffusion Theory (2020) **Architecture, City And Environment**, 14 (42), Art. No. 8362
8. Ferwati, M.S., Alsuwaidi, M., Shafaghat, A., **Keyvanfar, A.** Employing Biomimicry In Urban Metamorphosis Seeking For Sustainability: Case Studies (2019) **Architecture, City And Environment**, 14 (40), Pp. 133-162.
9. Ferwati, M.S., Al Saeed, M., Shafaghat, A., **Keyvanfar, A.** Qatar Sustainability Assessment System (QSAS)-Neighborhood Development (ND) Assessment Model: Coupling Green Urban Planning And Green Building Design (2019) **Journal Of Building Engineering**, 22, Pp. 171-180.
10. Shafaghat, A., Jing, K.S., **Keyvanfar, A.**, Jamshidnezhad, A., Lamit, H., Khorami, M. An Urban River Park Restoration Assessment Model Using Analytical Network Process (ANP)(2019) **Journal Of Environmental Treatment Techniques**, 7 (1), Pp. 92-102.
11. **Keyvanfar, A.**, Shafaghat, A., Muhammad, N.Z., Ferwati, M.S. Driving Behaviour And Sustainable Mobility-Policies And Approaches Revisited (2018) **Sustainability** (Switzerland), 10 (4), Art. No. 1152.
12. **Keyvanfar, A.**, Ferwati, M.S., Shafaghat, A., Lamit, H. A Path Walkability Assessment Index Model For Evaluating And Facilitating Retail Walking Using Decision-Tree-Making (Dtm) Method (2018) **Sustainability** (Switzerland), 10 (4), Art. No. 1035.
13. Muslim, N.H., **Keyvanfar, A.**, Shafaghat, A., Abdullahi, M.M., Khorami, M. Green Driver: Travel Behaviors Revisited On Fuel Saving And Less Emission (2018) **Sustainability** (Switzerland), 10 (2), Art. No. 325.

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14. **Keyvanfar, A.**, Shafaghat, A., Mohamad, S., Abdullahi, M.M., Ahmad, H., Derus, N.H.M., Khorami, M. A Sustainable Historic Water Front Revitalization Decision Support Tool For Attracting Tourists (2018) **Sustainability** (Switzerland), 10 (2), Art. No. 215.
15. Muslim, N.H.B., Shafaghat, A., **Keyvanfar, A.**, Ismail, M. Green Driver: Driving Behaviors Revisited On Safety (2018) **Archives Of Transport**, 46 (3), Pp. 49-78.
16. Taheri, M.M., Shirdar, M.R., **Keyvanfar, A.**, Shafaghat, A. Evaluating Hydrothermal Synthesis Of Fluorapatite Nanorods: Ph And Temperature (2017) **Journal Of Experimental Nanoscience**, 12 (1), Pp. 83-93.
17. Shafaghat, A., Ying, O.J., **Keyvanfar, A.**, Jamshidnezhad, A., Ferwati, M.S., Ahmad, H., Mohamad, S., Khorami, M. A Treatment Wetland Park Assessment Model For Evaluating Urban Ecosystem Stability Using Analytical Hierarchy Process (AHP) (2019) **Journal Of Environmental Treatment Techniques**, 7 (1), Pp. 81-91.
18. Dedasht, G., Zin, R.M., Ferwati, M.S., Abdullahi, M.M., **Keyvanfar, A.**, Mccaffer, R. Dematel-Anp Risk Assessment In Oil And Gas Construction Projects (2017) **Sustainability** (Switzerland), 9 (8), Art. No. 1420.
19. Shafaghat, A., Mir Ghasemi, M., **Keyvanfar, A.**, Lamit, H., Ferwati, M.S. Sustainable Riverscape Preservation Strategy Framework Using Goal-Oriented Method: Case Of Historical Heritage Cities In Malaysia(2017) **International Journal Of Sustainable Built Environment**, 6 (1), Pp. 143-159.
20. Muslim, N.H., Mohamed, M.I., Amin, Z.M., Shafaghat, A., Ismail, M., **Keyvanfar, A.** Ground Penetrating Radar's (Gpr) Imaging And Applications To Pavement Structural Assessment: A Case Of Malaysia(2017) **Archives Of Transport**, 42 (2), Pp. 39-51.
21. Kamyab, H., Md Din, M.F., Ponraj, M., **Keyvanfar, A.**, Rezania, S., Taib, S.M., Abd Majid, M.Z. Isolation And Screening Of Microalgae From Agro-Industrial Wastewater (Pome) For Biomass And Biodiesel Sources (2016) **Desalination And Water Treatment**, 57 (60), Pp. 29118-29125.
22. Kamyab, H., Din, M.F.M., Hosseini, S.E., Ghoshal, S.K., Ashokkumar, V., **Keyvanfar, A.**, Shafaghat, A., Lee, C.T., Bavafa, A., Majid, M.Z.A. Optimum Lipid Production Using Agro-Industrial Wastewater Treated Microalgae As Biofuel Substrate (2016) **Clean Technologies And Environmental Policy**, 18 (8), Pp. 2513-2523.
23. Andalib, R., Abd Majid, M.Z., Hussin, M.W., Ponraj, M., **Keyvanfar, A.**, Mirza, J., Lee, H.-S. Optimum Concentration Of Bacillus Megaterium For Strengthening Structural Concrete (2016) **Construction And Building Materials**, 118, Pp. 180-193.
24. Kamyab, H., Din, M.F.M., Ghoshal, S.K., Lee, C.T., **Keyvanfar, A.**, Bavafa, A.A., Rezania, S., Lim, J.S. Chlorella Pyrenoidosa Mediated Lipid Production Using Malaysian Agricultural Wastewater: Effects Of Photon And Carbon (2016) **Waste And Biomass Valorization**, 7 (4), Pp. 779-788.
25. Shirdar, M.R., Taheri, M.M., Sudin, I., Shafaghat, A., **Keyvanfar, A.**, Abd. Majid, M.Z. In Situ Synthesis Of Hydroxyapatite-Grafted Titanium Nanotube Composite (2016) **Journal Of Experimental Nanoscience**, 11 (10), Pp. 816-822.
26. Muhammad, N.Z., Shafaghat, A., **Keyvanfar, A.**, Majid, M.Z.A., Ghoshal, S.K., Mohammadyan Yasouj, S.E., Ganiyu, A.A., Samadi Kouchaksaraei, M., Kamyab, H., Taheri, M.M., Rezazadeh Shirdar, M., Mccaffer, R. Tests And Methods Of Evaluating The Self-Healing Efficiency Of Concrete: A Review (2016) **Construction And Building Materials**, 112, Pp. 1123-1132.

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27. Shafaghat, A., Manteghi, G., **Keyvanfar, A.**, Bin Lamit, H., Saito, K., Ossen, D.R. Street Geometry Factors Influence Urban Microclimate In Tropical Coastal Cities: A Review (2016) **Environmental And Climate Technologies**, 17 (1), Pp. 61-75.
28. Shirdar, M.R., Taheri, M.M., Moradifard, H., **Keyvanfar, A.**, Shafaghat, A., Shokuhfar, T., Izman, S. Hydroxyapatite-Titania Nanotube Composite As A Coating Layer On Co-Cr-Based Implants: Mechanical And Electrochemical Optimization (2016) **Ceramics International**, 42 (6), Pp. 6942-6954.
29. Shafaghat, A., **Keyvanfar, A.**, Abd. Majid, M.Z., Lamit, H.B., Ahmad, M.H., Ferwati, M.S., Ghoshal, S.K. Methods For Adaptive Behaviors Satisfaction Assessment With Energy Efficient Building Design (2016) **Renewable And Sustainable Energy Reviews**, 57, Pp. 250-259.
30. Shafaghat, A., **Keyvanfar, A.**, Muslim, N.H.B. Drivers' Adaptive Travel Behaviors Towards Green Transportation Development: A Critical Review (2016) **Archives Of Transport**, 38 (2), Pp. 49-70.
31. Shafaghat, A., **Keyvanfar, A.**, Manteghi, G., Lamit, H.B. Environmental-Conscious Factors Affecting Street Microclimate And Individuals' Respiratory Health In Tropical Coastal Cities (2016) **Sustainable Cities And Society**, 21, Pp. 35-50.
32. Muhammad, N.Z., **Keyvanfar, A.**, Abd. Majid, M.Z., Shafaghat, A., Mirza, J. Waterproof Performance Of Concrete: A Critical Review On Implemented Approaches (2015) **Construction And Building Materials**, 101, Pp. 80-90.
33. Shafaghat, A., **Keyvanfar, A.**, Ferwati, M.S., Alizadeh, T. Enhancing Staff's Satisfaction With Comfort Toward Productivity By Sustainable Open Plan Office Design (2015) **Sustainable Cities And Society**, 19, Art. No. 315, Pp. 151-164.
34. Rezazadeh Shirdar, M., Sudin, I., Taheri, M.M., **Keyvanfar, A.**, Yusop, M.Z.M., Kadir, M.R.A. A Novel Hydroxyapatite Composite Reinforced With Titanium Nanotubes Coated On Co-Cr-Based Alloy (2015) **Vacuum**, 122, Pp. 82-89.
35. Kamyab, H., Md Din, M.F., Lee, C.T., **Keyvanfar, A.**, Shafaghat, A., Majid, M.Z.A., Ponraj, M., Yun, T.X. Lipid Production By Microalgae Chlorella Pyrenoidosa Cultivated In Palm Oil Mill Effluent (Pome) Using Hybrid Photo Bioreactor (Hpbbr) (2015) **Desalination And Water Treatment**, 55 (13), Pp. 3737-3749.
36. Dehdasht, G., Zin, R.M., **Keyvanfar, A.** Risk Classification And Barrier Of Implementing Risk Management In Oil And Gas Construction Companies (2015) **Jurnal Teknologi**, 77 (16), Pp. 161-169.
37. Muhammad, N.Z., **Keyvanfar, A.**, Majid, M.Z.A., Shafaghat, A., Magana, A.M., Dankaka, N.S. Causes Of Variation Order In Building And Civil Engineering Projects in Nigeria (2015) **Jurnal Teknologi**, 77 (16), Pp. 91-97.
38. Suleiman, J.H., **Keyvanfar, A.**, Zin, R.M., Balubaid, S., Mansur, S.A. Prioritizing Occupants Understanding Level On Residential Building Energy Consumption (2015) **Jurnal Teknologi**, 77 (16), Pp. 43-47.
39. Kamyab, H., Din, M.F.M., **Keyvanfar, A.**, Majid, M.Z.A., Talaiekhosani, A., Shafaghat, A., Lee, C.T., Shiun, L.J., Ismail, H.H. Efficiency Of Microalgae Chlamydomonas On The Removal Of Pollutants From Palm Oil Mill Effluent (Pome) (2015) **Energy Procedia**, 75, Pp. 2400-2408.
40. Idris, K.M., Ali, K.N., Aliagha, G.U., **Keyvanfar, A.** Effect Of Environmental Factors On Knowledge Sharing In Construction Organization (2015) **Jurnal Teknologi**, 74 (4), Pp. 99-104.
41. Muhammad, N.Z., **Keyvanfar, A.**, Majid, M.Z.A., Shafaghat, A., Magana, A.M., Lawan, H., Balubaid, S. Assessment Of Cost Escalation Factors For Building And Civil Engineering Projects In Nigerian Construction Industry: A Multiple Regression Approach (2015) **Jurnal Teknologi**, 74 (4), Pp. 85-91.

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