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| **No.** | **Papers** |
| 1. | Movable Thermal Screen For Saving Energy Inside The Greenhouse  * Saif Mahmood Shakir /Department of Mechanical Engineering / University of Baghdad * Ammar A. Farhan /Department of Energy Engineering / University of Baghdad   DOI: <https://doi.org/10.33261/jaaru.2019.26.1.014> |
| 2. | **The Grid as a Base Design in Contemporary Architecture An Analytical Study of Selected Projects of Zaha Hadid Architecture**   * Anwar Subhi Ramdan Al-Qraghuli /Department of Architectural Engineering / University of Technology * Attaa Hasan Abbood Alobaidi /Department of Architectural Engineering / University of Technology   DOI: <https://doi.org/10.33261/jaaru.2019.26.1.024> |
| 3. | **Generate dazzling structural structures in contemporary architecture**   * Shahad Raad Hamed   Department of Architectural Engineering / University of Technology   * Safaa Al-deen Hussein AliDepartment of Architectural Engineering / University of Technology   DOI: <https://doi.org/10.33261/jaaru.2019.26.1.026> |
| 4. | **Structural Systems in local trading centers in Iraq**   * Osamah Abdulmunem Al-Temeemi   Department of Architecture, University of Baghdad, Baghdad, Iraq   * Anees Mohsin Mohammed /Department of Architecture, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.2.011> |
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| 5. | **The impact of ecological footprint on the sustainability of urban design of the city**   * Zeyad Ali Ismael/Department of Urban Planning, University of Kufa, Najaf, Iraq * Saba Jabbar Nemaa/Department of Architecture Engineering, University of Baghdad, Baghdad, Iraq * Jathwa Abd-Al Kareem IbrahemDepartment of Architecture Engineering, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.2.013> |
| 6.1 | **Al-Shanshul eventionality in the architecture of the first decade of the 21st century**   * Zainab Huseen Ra’ouf /Department of Architectural Engineering, University of Technology, Baghdad, Iraq * Rana Mazin Mahdi /Department of Architectural Engineering, University of Technology, Baghdad, Iraq * Enas Salim Abdulahhad /Department of Architectural Engineering, University of Technology, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.2.014> |
| 7. | **Parametric Design process in Architecture**   * Saifallah Adel Wafiqe /Department of Architecture, University of Baghdad, Bahgdad, Iraq * Ghada Musa Rzouki Alslik /Department of Architecture, University of Baghdad, Bahgdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.2.018> |
| 8. | **Sustainable tourism in urban heritage places – Al-Qishlaq as a case study**   * Huda Adel Abdul-Hameed /Department of Architecture, University of Baghdad, Baghdad, Iraq * Osamah Abdulmunem Al-Temeemi /Department of Architecture, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.3.011> |
| **No.** | **Papers** |
| 9. | **Ecological Footprint and Sustainability of Baghdad City**   * Zeyad Ali Ismael /Department of Urban Planning, University of Kufa, Kufa, Iraq * Saba Jabbar Nemaa /Department of Architecture Engineering, University of Baghdad, Baghdad, Iraq * Jathwa Abd-Al Kareem Ibrahem /Department of Architecture Engineering, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.3.013> |
| 10. | **Simulation the Natural Living Structural Systems to Achieve Sustained Architecture**   * Donya Hameed Ali Al-AnbariDepartment of Architecture Engineering, University of Baghdad, Baghdad, Iraq * Bahjet Rashad ShaheenDepartment of Architecture Engineering, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.3.014> |
| 11. | **Evaluation of Environmentally Urban Content Depending on Digital Medium**   * Mazin Ismael Raheem /Department of Architectural Engineering, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.3.015> |
| 12. | **The architectural phenomenon and creative production**  **The architecture of the 19th century Globally - the house as a model**   * Amna Bassim Salih Salih /Department of Architecture Engineering, Unversity of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.3.016> |
| 13. | **Urban Resilience in the Sustainable Urban Regeneration of Historic City Centers**   * Sally F. Kh. Abdullah /Department of Architecture, University of Baghdad, Baghdad, Iraq * Hoda A. Al-Alwan /Department of Architecture, University of Baghdad, Baghdad, Iraq   DOI: [https://doi.org/10.33261/jaaru.2019.26.4.01](https://doi.org/10.33261/jaaru.2019.26.4.015) |
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| 14. | **The "Foundations and Criterias" the Integration of Transportion Systems in Large Cities' Centres**   * Mohammed Kareem Mohessen /Department of Architecture Enginnering, University of Baghdad, Baghdad, Iraq * Bahjet Rashad Shahin /Department of Architecture Enginnering, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.4.014> |
| 15. | **The use of historical Type in the design of contemporary Iraqi architecture**   * Fawzia Irhayyeim Hussein /Department of Architecture, University of Baghdad, Baghdad, Iraq * Ghada Musa Al-Silk /Department of Architecture, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.4.018> |
| 16. | **Activating Sustainability of Housing Through Partnership Between the Public and Private Sectors (Return to Heritage Housing Fabric in Contemporary Housing Through a Partnership Between the Owner and an Investor)**   * Doaa Muzher Alzubaidy /Department of Architecture, ALFarabi University College, Baghdad, Iraq * Shatha Abbas ALamary /Department of Architecture, University of Baghdad, Baghdad, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.26.4.017> |
| 17. | **Produced The Compost by Recycling The Municipality Waste**   * Rand R. Ahmed /Faculty of Engineering, Department of Environmental Engineering, Tikrit University, Tikrit, Iraq   DOI: <https://doi.org/10.33261/jaaru.2019.27.1.015> |
| 18. | **Green Architecture and its applications in Hospitals:Analytical study of existing project to extract the mechanisms of applying green architecture in hospitals**   * Anfal Muayad Mayoof /Department of Architecture , University of Baghdad, Baghdad, Iraq.   DOI: <https://doi.org/10.33261/jaaru.2020.27.2.009> |
| **No.** | **Papers** |
| 19. | **Electrochemical treatment of raw water for thermal power plants requirements**   * Ali Ali /Faculty of Technical Engineering, Tartous University, Tartous, Syria * Haitham shaheen /Faculty of Civil Engineering, Tishreen University, Lattakia, Syria * Mesaa Shash /Faculty of Technical Engineering , Tartous University, Tartous, Syria * Bashar Zedan /Faculty of Technical Engineering ,Tartous University, Tartous, Syria   DOI: <https://doi.org/10.33261/jaaru.2020.27.2.013> |
| 20. | **Study of the waste heat recovery from kilns of Tartous cement factory**   * Ahmad Iskandar /Department of Machines and Equipments, Faculty of Technical Engineering, Tartous University, Syria * Mayssa Shash /Department of Machines and Equipments, Faculty of Technical Engineering, Tartous University, Syria * Hasan Ali /Department of Agricultural Mechanization, Faculty of Technical Engineering, Tartous University, Syria   DOI: <https://doi.org/10.33261/jaaru.2020.27.3.013> |
| 21. | **The Effect of Cool Roofs on the Achieving of Energy Conservation with the Administrative Building Spaces**   * Duaa Faal Niama /Department of Architectural Engineering- University of Baghdad, Baghdad, IRAQ * Ghada Mohammed Kammou /Department of Architectural Engineering- University of Baghdad, Baghdad, IRAQ   DOI: [https://doi.org/10.33261/jaaru.2020.27.3.01](https://doi.org/10.33261/jaaru.2020.27.3.012) |
| 22. | **Adoption of the Trombe Walls as an Environmentally Sustainable Technology To Achieve The Concept Of Energy Efficiency In Hot\_ Arid Regions**   * Abdullah Emad Aliwi * Ghada Mohammed Ismael   DOI: [https://doi.org/10.33261/https://doi.org/10.33261/jaaru.2020.27.4.013](https://doi.org/10.33261/https:/doi.org/10.33261/jaaru.2020.27.4.013) |