



# Prof Dr Faiq M S Al-Zwainy

فائق محمد سرحان محمد الزويني

Assistant Professor

## PROFILE

Dr. Faiq Al-zwainy was born in Iraq. His bachelor was in civil engineering in al Mustansiriya University- Baghdad-Iraq, 1996. His master was finished in 2000, Al Mustansiriya University, and PhD in 2009 at Baghdad University (BU). He is Member of PMI (Project Management Institute). He is reviewer scientifically supported in the KSCE Journal of Civil Engineering. Now, he is Professor Dr. in Al-Nahrain University-Iraq.

## ACADEMIC TITLES

2019-05-07	Professor
2013-10-13	Associate Professor
2009-03-19	Lecturer
2005-09-13	Assistant Professor

## ADMINISTRATIVE POSITIONS

2023-07-11 - 2024-06-02	Director of the Continuing Education Center
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## PUBLICATIONS ( 1 4 5 )

- Improve quality of cement plants in kurdistan region of Iraq by statistical quality control tools and techniques**  
*AIP Conference Proceedings 3379 (1), 050037, 2026 | 2026*
- Seasonal Analysis of Air Pollutants and Ensemble Machine Learning–Based AQI Prediction**  
*E3S Web of Conferences 702, 02008, 2026 | 2026*
- Development of a support vector machine-based predictive model for bored pile productivity in residential construction projects in Iraq**  
*DYNA: revista de la Facultad de Minas. Universidad Nacional de Colombia&nbsp;..., 2026 | 2026*
- Development of a support vector machine-based predictive model for bored pile productivity in residential construction projects in Iraq.**  
*Dyna (0012-7353) 92 (240), 81, 2026 | 2026*
- Significant applications of digital modeling in the construction sector for improving project management and performance**  
*Edelweiss Applied Science and Technology 9 (4), 2432-2438, 2025 | 2025 | Cited: 4*
- Unveiling critical success factors for program management in the construction industry**  
*International Journal of Innovative Research and Scientific Studies 8 (2&nbsp;..., 2025 | 2025 | Cited: 6*
- Structural performance of composite beams using advanced modeling for nonlinear analysis**  
*DYNA 92 (238), 103-110, 2025 | 2025 | Cited: 1*
- Significant applications of digital modeling in the construction sector for improving project management and performance**  
*Edelweiss Applied Science and Technology 9 (4), 2432-2438, 2025 | 2025 | Cited: 7*
- Harnessing Artificial Neural Networks for Predictive KPI Insights in Infrastructure Projects**  
*Pattern Recognition and Artificial Intelligence: Selected papers from the&nbsp;..., 2025 | 2025 | Cited: 1*

## CONTACT

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faiqalzwainy@gmail.com

## EDUCATION

(28-06-1996) بكالوريوس  
Civil Engineering  
AL-Mustansryia University  
(28-06-2000) ماجستير  
Civil Engineering  
AL-Mustansryia University

(19-03-2009) دكتوراه  
Civil Engineering  
Baghdad University

## RESEARCH METRICS

h-index (Scopus)	14
h-index (GS)	19
Citations (Scopus)	525
Citations (GS)	1297
Documents (Scopus)	54
Documents (GS)	116

## PATENTS

• Device and Method for Removing or Reducing Air Pollutants Device and Method for Eliminator or Reducing Air Pollutants Emitted from Industrial chimneys

## RESEARCH INTERESTS

• Forensic Engineering  
• Project Management  
• Artificial Intelligence  
• BIM  
• PMP



10. **Evaluation of Bridge Projects in Iraq Using International Performance Evaluation Standards (USAID)**  
*Al-Nahrain Journal for Engineering Sciences 28 (3), 469-480, 2025 | 2025 | Cited: 2*
11. **Optimizing Project Management: Planning, Scheduling, and Cost Estimation Using Microsoft Project**  
*Journal of Applied Science, Engineering, Technology, and Education 7 (2&nbsp;...), 2025 | 2025 | Cited: 2*
12. **Performance assessment of ready-mix concrete plant managers using 360° technique**  
*AIP Conference Proceedings 3211 (1), 080052, 2025 | 2025 | Cited: 1*
13. **Structural investigations of confined reinforced concrete beam-bending members**  
*Innovative Infrastructure Solutions 10 (5), 201, 2025 | 2025 | Cited: 2*
14. **Structural performance of composite beams using advanced modeling for nonlinear analysis**  
*DYNA: revista de la Facultad de Minas. Universidad Nacional de Colombia&nbsp;... 2025 | 2025 | Cited: 1*
15. **Open engineering: Hybrid approach for cost estimation of sustainable building projects using artificial neural networks**  
*de Gruyter, 2024 | 2024*
16. **FORECASTING MODELS FOR TIME AND COST PERFORMANCE PREDICTING OF INFRASTRUCTURAL PROJECTS**  
*Civil and Environmental Engineering 20 (2), 024-1039, 2024 | 2024 | Cited: 14*
17. **Development Artificial Neural Network (ANN) computing model to analyses men's 100-meter sprint performance trends.**  
*Fizjoterapia Polska, 2024 | 2024 | Cited: 7*
18. **Utilizing Artificial Neural Networks for Predictive KPI Analysis in Bridge Projects.**  
*Journal of Computational Analysis & Applications 33 (7), 2024 | 2024 | Cited: 8*
19. **Automat bill of quantities for school buildings projects using BIM**  
*Tikrit Journal of Engineering Sciences 31 (3), 125-142, 2024 | 2024 | Cited: 9*
20. **Diagnostic and identify the reasons for duration deviation in school buildings projects using root cause analysis technique**  
*AIP Conference Proceedings 3097 (1), 080001, 2024 | 2024 | Cited: 7*
21. **Management of a typical experiment in engineering and science**  
*AIP Conference Proceedings 2864 (1), 2024 | 2024 | Cited: 2*
22. **Management of a typical experiment in engineering and science**  
*AIP Conference Proceedings 2864 (1), 050001, 2024 | 2024 | Cited: 20*
23. **An Efficient Novel Model for Multi-Story Building Construction Quantity Estimation using Coupled MATLAB-Revit Software**  
*Engineering, Technology & Applied Science Research 14 (6), 17717-17724, 2024 | 2024 | Cited: 5*
24. **Statistical Analysis for Civil Engineers: Mathematical Theory and Applied Experiment Design**  
*Elsevier, 2024 | 2024 | Cited: 4*
25. **Management of a typical experiment in engineering and science**  
*AIP conference proceedings 2864 (1), 050001, 2024 | 2024 | Cited: 27*
26. **Diagnostic and identify the reasons for duration deviation in school buildings projects using root cause analysis technique**  
*AIP Conference Proceedings 3097 (1), 2024 | 2024*
27. **Hybrid approach for cost estimation of sustainable building projects using artificial neural networks**  
*Open Engineering 14 (1), 20220485, 2024 | 2024 | Cited: 15*
28. **Diagnosing and Identifying Standards Affecting on the Ready-Mix Concrete Production Plants Performance: An Analytical Study**  
*Tikrit Journal of Engineering Sciences 31 (1), 211-222, 2024 | 2024 | Cited: 10*
29. **Systematic Literature Review of The Impact of Project Management Offices In Developing The Construction Sector**  
*Journal of Al-Azhar University Engineering Sector 19 (70), 265-273, 2024 | 2024 | Cited: 8*

30. **Diagnosing And Identifying The Causes Of Failure Of Wastewater Treatment Plant Projects Using Root Cause Analysis Technology**  
*Journal of Al-Azhar University Engineering Sector 19 (70), 274-283, 2024 | 2024 | Cited: 4*
31. **Strategic Analysis For The Impact of Project Management Offices in Developing The Construction Sector**  
*Journal of Al-Azhar University Engineering Sector 19 (70), 251-264, 2024 | 2024 | Cited: 3*
32. **River Water Suspended Sediment Predictive Analytics Using Artificial Neural Network and Convolutional Neural Network Approach: A Review**  
*Sustainability Challenges and Delivering Practical Engineering Solutions&nbsp;..., 2023 | 2023 | Cited: 12*
33. **Structural equation modeling of critical success factors in the programs of development regional**  
*Journal of Project Management 8 (2), 119-132, 2023 | 2023 | Cited: 82*
34. **Assessing obstacles in construction-phases for regional development programs RDPs**  
*Asian Journal of Civil Engineering 24 (8), 3425–3436, 2023 | 2023 | Cited: 17*
35. **Structural equation modeling of critical success factors in the programs of development regional**  
*Journal of Project Management 8 (2), 2023 | 2023 | Cited: 83*
36. **River water suspended sediment predictive analytics using artificial neural network and convolutional neural network approach: A review**  
*Sustainability challenges and delivering practical engineering solutions&nbsp;..., 2023 | 2023 | Cited: 12*
37. **AAAAA 0 AA AAAA AAAA AAAA AAAA AAAA AAAA**  
*2023*
38. **Critical Review to Evaluate Performance of Ready-Mix Concrete Production Plant**  
*Al-Nahrain Journal for Engineering Sciences 26 (3), 205-215, 2023 | 2023 | Cited: 10*
39. **Development intelligent prediction models for earned value indicators in wastewater treatment plants projects**  
*Journal of Al-Azhar University Engineering Sector 18 (69), 1009-1029, 2023 | 2023 | Cited: 6*
40. **Factors Affecting in Estimation of Durations and Costs for Oil Projects: A Systematic Literature Review**  
*Mathematical Statistician and Engineering Applications 71 (4), 3354-3367, 2022 | 2022 | Cited: 3*
41. **Development of Duration Estimation Model for Irrigation and Drainage Projects Using Neural Network**  
*NeuroQuantology 20 (6), 3041-3053, 2022 | 2022 | Cited: 5*
42. **Load Testing for I-Girder type Bridge to Identify Serviceability, Load-carrying Capacity and Dynamic**  
*International Journal of Mechanical Engineering 7 (1), 833-854, 2022 | 2022 | Cited: 4*
43. **A systematic review of structural materials health monitoring system for girder-type bridges**  
*Materials Today: Proceedings 49, A19-A28, 2022 | 2022 | Cited: 16*
44. **Lean Six Sigma Implementation: A Systematic Literature Review**  
*Journal of Optoelectronics Laser 41 (7), 86-97, 2022 | 2022 | Cited: 2*
45. **Statistical evaluation of the factors affecting the estimation of the duration and costs of oil projects**  
*Journal of Optoelectronics Laser 41 (7), 98-121, 2022 | 2022 | Cited: 2*
46. **Statistical Evaluation of the Planning and Scheduling Management Process for Irrigation and Drainage Projects.**  
*Journal of Algebraic Statistics 13 (2), 2022 | 2022 | Cited: 10*
47. **المراجعة المنهجية لتشخيص وتحديد العوامل المؤثرة في التنبؤ بمدد المشاريع الإنشائية باستخدام الشبكات العصبية الاصطناعية.**  
*Latakia University Journal-Engineering Sciences Series 44 (4), 231-252, 2022 | 2022*
48. **Improving the quality of road projects for Kirkuk Governorate in the Republic of Iraq**  
*Journal of Algebraic Statistics 13 (2), 655-693, 2022 | 2022 | Cited: 2*
49. **Analytical investigations of concrete beams reinforced with FRP bars under static loads**  
*Structures 44, 152-158, 2022 | 2022 | Cited: 16*

50. **Forecasting and determining of cost performance index of tunnels projects using artificial neural networks**  
*International Journal for Computational Civil and Structural Engineering 18* &nbsp;..., 2022 | 2022 | Cited: 20
51. **Diagnose the variables affecting the estimation of completion time of engineering projects using intelligence neural network models**  
*Journal of Engineering Sciences and Information Technology 6 (5)*, 1-24, 2022 | 2022 | Cited: 4
52. **Statistical evaluation of the planning and scheduling management process for irrigation and drainage projects**  
*Journal of Algebraic Statistics 13 (2)*, 259-282, 2022 | 2022 | Cited: 6
53. **Statistical Evaluation of the Planning Process and Scheduling Management for Irrigation and Drainage Projects in the Republic of Iraq**  
*Journal of planner and development 27 (2)*, 19-43, 2022 | 2022 | Cited: 3
54. **Adopting building information modeling in claims management in construction industry**  
*Journal of Applied Engineering Science 20 (4)*, 1152-1164, 2022 | 2022 | Cited: 13
55. **تشخيص المتغيرات المؤثرة في تخمين مدة إنجاز المشاريع الهندسية باستخدام نماذج الشبكات العصبونية الذكية**  
*مجلة العلوم الهندسية وتكنولوجيا المعلومات 6 (5)*, 24-1, 2022 | 2022
56. **المراجعة المنهجية لتشخيص وتحديد العوامل المؤثرة في التنبؤ بمدد المشاريع الإنشائية باستخدام الشبكات العصبية الاصطناعية.**  
*Tishreen University Journal-Engineering Sciences Series, 44 (4)*, 231-252, 2022 | 2022
57. **Improving the quality of road projects for Kirkuk Governorate in the Republic of Iraq**  
*Journal of Algebraic Statistics 13 (2)*, 655-693, 2022 | 2022 | Cited: 1
58. **Prediction of residual strength of sustainable self-consolidating concrete exposed to elevated temperature using artificial intelligent technique**  
*International Journal of Applied Science and Engineering 18 (2)*, 1-15, 2021 | 2021 | Cited: 19
59. **Strategic evaluation plan and improvement of cement plants (Iraqi Kurdistan Region-as a Case Study)**  
*Tikrit Journal of Engineering Sciences 28 (2)*, 124-136, 2021 | 2021 | Cited: 16
60. **Punching shear behavior of LWA bubble deck slab with different types of shear reinforcement**  
*Journal of King Saud University-Engineering Sciences, 2021 | 2021 | Cited: 16*
61. **Building information modeling and building knowledge modeling in project management**  
*Computer Assisted Methods in Engineering and Science 28 (1)*, 3-16, 2021 | 2021 | Cited: 17
62. **Predicting Index to Complete Schedule Performance Indicator in Highway Projects Using Artificial Neural Network Model**  
*Archives of Civil Engineering 66 (3)*, 541-554, 2020 | 2020 | Cited: 25
63. **Predicting Earned Value Indexes in Residential Complexes' Construction Projects Using Artificial Neural Network Model**  
*International Journal of Intelligent Engineering and Systems 13 (4)*, 248-259, 2020 | 2020 | Cited: 27
64. **Forecasting techniques in Construction industry: Earned value indicators and performance models**  
*Scientific Review Engineering and Environmental Sciences, Naukowy Inzynieria* &nbsp;..., 2020 | 2020 | Cited: 38
65. **Building information modeling and building knowledge modeling in project management**  
*Computer Assisted Methods in Engineering and Science 28 (1)*, 3-16, 2020 | 2020 | Cited: 6
66. **Predicting productivity in construction industry utilizing multiple linear regression technique and artificial neural network technique: A review for research and applications**  
*International Journal of Research in Advanced Engineering and Technology 6* &nbsp;..., 2020 | 2020 | Cited: 5
67. **Innovation of Analytical Software for Financing Construction Projects: Infrastructure Projects in Iraq as a Case Study**  
*IOP Conference Series: Materials Science and Engineering 978 (1)*, 012015, 2020 | 2020 | Cited: 12
68. **CALCULATING THE INDEXES OF EARNED VALUE FOR ASSESSMENT THE PERFORMANCE OF WASTE WATER TREATMENT PLANT**  
2019 | Cited: 7
69. **Effect of Cooling Method on Residual Properties of Sustainable Fiber Reinforced SCC Exposed to Elevated Temperature**  
*Journal of Engineering and Applied Sciences 14 (3)*, 887-897, 2019 | 2019

70. **Prediction of dust storms in construction projects using intelligent artificial neural network technology**  
*Periodicals of Engineering and Natural Sciences 7 (4), 1659-1666, 2019 | 2019 | Cited: 15*
71. **Optimizing of predictive performance for construction projects utilizing support vector machine technique**  
*Cogent Engineering 6 (1), 1685860, 2019 | 2019 | Cited: 26*
72. **Punching shear behaviour of solid and bubble reinforced light Weight aggregate concrete two-way slabs**  
*IOP Conference Series: Materials Science and Engineering 584 (1), 012013, 2019 | 2019 | Cited: 5*
73. **Project Management Office**  
*Lulu.com, 2019 | 2019 | Cited: 1*
74. **Prediction of dust storms in construction projects using intelligent artificial neural network technology**  
*Periodicals of Engineering and Natural Sciences (PEN) 7 (4), 1659-1666, 2019 | 2019 | Cited: 27*
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*IOP Conference Series: Materials Science and Engineering 584 (1), 012013, 2019 | 2019 | Cited: 6*
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*Periodicals of Engineering and Natural Sciences 7 (4), 2019 | 2019 | Cited: 29*
77. **Flexible Pavement Maintenance Operations**  
*Lulu.com, 2018 | 2018 | Cited: 2*
78. **Behaviours of sustainable self-consolidating concrete exposed to elevated temperatures**  
*IOP Conference Series: Materials Science and Engineering 433 (1), 012014, 2018 | 2018 | Cited: 2*
79. **Utilization Multifactor Linear Regression Technique for Prediction the Earned Value in Bridges Projects**  
*Journal of Engineering and Applied Sciences 13 (7), 1676-1682, 2018 | 2018 | Cited: 8*
80. **Physical and mechanical characteristics of sustainable self-consolidating concrete incorporating high volume fly ash and cement kiln dust**  
*MATEC Web of Conferences 162, 02025, 2018 | 2018 | Cited: 8*
81. **DIAGNOSTIC OF THE CLAIMS AND DISPUTES BETWEEN THE CONTRACTOR AND OWNER IN CONSTRUCTION PROJECT USING NARRATIVE ANALYSIS APPROACH**  
*International Journal of Civil Engineering and Technology (IJCIET) 9 (12&nbsp;...), 2018 | 2018 | Cited: 17*
82. **A STATE-OF-THE-ART SURVEY TO ESTIMATE CONSTRUCTION COSTS IN HIGHWAY AND BRIDGE PROJECTS: ANALYTICAL DIAGNOSTIC STUDY**  
*INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET) 9 (5&nbsp;...), 2018 | 2018 | Cited: 22*
83. **Validity of artificial neural modeling to estimate time-dependent deflection of reinforced concrete beams**  
*Cogent Engineering 5 (1), 1477485, 2018 | 2018 | Cited: 24*
84. **Diagnosing the causes of failure in the construction sector using root cause analysis technique**  
*Journal of Engineering 2018 (1), 1804053, 2018 | 2018 | Cited: 54*
85. **Diagnose the Causes of Cost Deviation in Highway Construction Projects by Using Root Cause Analysis Techniques**  
*Arabian Journal for Science and Engineering, 1-12, 2018 | 2018 | Cited: 47*
86. **Flexible Pavement Maintenance Operations**  
*Lulu Press, Inc., <http://www.lulu.com/shop/faiq-m-sarhan-al-zwainy-and&nbsp;...>, 2018 | 2018*
87. **Validity of Artificial Neural Modeling to Estimate time Dependent Deflection of Reinforced Concrete Beams**  
*2018*
88. **Development of an Analytical Software for Communication management in Project Management Offices**  
*International Journal of Engineering & Technology (UAE) 7 (4.37), 98-102, 2018 | 2018 | Cited: 2*

89. **PERFORMANCE ASSESSMENT OF BIM MANAGERS USING MULTI-SOURCE FEEDBACK METHOD- A PILOT STUDY**  
*ARPJ Journal of Engineering and Applied Sciences 13 (22), 8880-8888, 2018 | 2018 | Cited: 9*
90. **Architectural and historical development in Palestine**  
*International Journal of Civil Engineering and Technology 9 (9), 1217-1233, 2018 | 2018 | Cited: 9*
91. **MICROSTRUCTURE ANALYSIS AND RESIDUAL STRENGTH OF FIBER REINFORCED ECO-FRIENDLY SELF-CONSOLIDATING CONCRETE SUBJECTED TO ELEVATED TEMPERATURE**  
*INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET) 9 (4), 15-31, 2018 | 2018 | Cited: 9*
92. **Development of an Analytical Software for Cost Estimation for Highway Project**  
*International Journal of Applied Engineering Research 13 (9), 6944-6951, 2018 | 2018 | Cited: 3*
93. **Pile design using Multiple Linear Regression model**  
*ARPJ Journal of Engineering and Applied Sciences 12 (15), 4518-4525, 2017 | 2017*
94. **Forecasting the cost of structure of infrastructure projects utilizing artificial neural network model (highway projects as case study)**  
*Indian J. Sci. Technol 10 (20), 1-12, 2017 | 2017 | Cited: 29*
95. **Diagnostic and assessment benefits and barriers of BIM in construction project management**  
*Civil Engineering Journal 3 (1), 63-77, 2017 | 2017 | Cited: 31*
96. **Developing a Novel Approach for Evaluation Performance of the Engineering Departments Managers Using 360 Technique**  
*Eurasian Journal of Science & Engineering 2 (2), 56-67, 2017 | 2017 | Cited: 3*
97. **BIM in Project Management**  
*Baghdad, Iraq: AL-THAKERA, 2017 | 2017*
98. **Statistical Evaluation of Value Engineering Criteria's in Sustainable Building Projects**  
*Iraqi Journal of Civil Engineering 11 (3), 1-14, 2017 | 2017 | Cited: 7*
99. **Forecasting the cost of structure of infrastructure projects utilizing artificial neural network model (highway projects as case study)**  
*Indian Journal of Science and Technology 10 (20), 1-12, 2017 | 2017 | Cited: 37*
100. **Forecasting the cost of structure of infrastructure projects utilizing artificial neural network model (highway projects as case study)**  
*Indian Journal of Science and Technology, 2017 | 2017 | Cited: 38*
101. **Statistical evaluation of value engineering criteria's in sustainable building projects**  
*Iraqi Journal of Civil Engineering 11 (3), 1-14, 2017 | 2017 | Cited: 7*
102. **Pile design using Multiple Linear Regression model**  
*ARPJ Journal of Engineering and Applied Sciences 12 (15), 4518 - 4525, 2017 | 2017 | Cited: 3*
103. **Reviewing of the Simulation Models in Cost Management of the**  
*Civil Engineering Journal 2 (11), 2016 | 2016 | Cited: 14*
104. **Application project management methodology in construction sector**  
*International Journal of Scientific and Engineering Research 7 (3), 244-253, 2016 | 2016 | Cited: 27*
105. **Estimating productivity of brickwork item using logistic and multiple regression approaches**  
*2016 | Cited: 17*
106. **Application project management methodology in construction sector: review**  
*International Journal of Scientific and Engineering Research 7 (3), 244-253, 2016 | 2016 | Cited: 24*
107. **Application artificial forecasting techniques in cost management**  
*The Journal of Engineering, 2016 | 2016 | Cited: 13*
108. **Investigation and evaluation the performance of the construction residential complexes projects**  
*International Journal of Applied Engineering Research 11 (16), 8863-8877, 2016 | 2016 | Cited: 8*
109. **Investigation and assessment of the project management methodology in Iraqi construction sector**  
*International Journal of Applied Engineering Research 11 (4), 2494-2507, 2016 | 2016 | Cited: 25*
110. **Building a mathematical model for predicting the cost of the communication towers projects using multifactor linear regression technique**  
*International journal of construction engineering and management 5 (1), 25-29, 2016 | 2016 | Cited: 18*

111. **Estimating productivity of brickwork item using logistic and multiple regression approaches**  
*Scholars Journal of Engineering and Technology (SJET) 4 (5), 234-243, 2016 | 2016 | Cited: 17*
112. **Reviewing of the simulation models in cost management of the construction projects**  
*Civil Engineering Journal 2 (11), 607-622, 2016 | 2016 | Cited: 15*
113. **Application artificial forecasting techniques in cost management**  
*Journal of Engineering 22 (8), 1-15, 2016 | 2016 | Cited: 13*
114. **Investigation Cost Deviation of Highway Project**  
*Research Journal of Applied Sciences, Engineering and Technology 13 (11&nbsp;...), 2016 | 2016 | Cited: 11*
115. **Application intelligent predicting technologies in construction productivity**  
*American Journal of Engineering and Technology Management 1 (3), 39-48, 2016 | 2016 | Cited: 10*
116. **Investigation and evaluation the performance of the construction residential complexes projects**  
*International Journal of Applied Engineering Research 11 (16), 8863-8877, 2016 | 2016 | Cited: 5*
117. **REVIEWING APPLICATION OF THE PROJECT MANAGEMENT OFFICE IN CONSTRUCTION SECTOR**  
*INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY 5 (9&nbsp;...), 2016 | 2016*
118. **Information Technology in Construction Project Management**  
*Dar Ghaidaa 1, 214, 2016 | 2016*
119. **تكنولوجيا المعلومات في ادارة المشاريع الانشائية**  
*دار غيداء للنشر والتوزيع <https://www.researchgate.net/publication/1,214,2016> | 2016*
120. **Evaluation Performance of the Project Management Office in Oil Companies**  
*Journal of Engineering and Applied Sciences 11 (10), 2274-2285, 2016 | 2016 | Cited: 2*
121. **Statistical Evaluation for Communication Management in Iraqi Consultant Bureaus**  
*Research Journal of Applied Sciences, Engineering and Technology 13 (7), 593-605, 2016 | 2016 | Cited: 6*
122. **Development of Integrated Strategy for Managing Construction Sector in Iraq**  
*Eng. & Tech. Journal 34 (6), 1131-1141, 2016 | 2016 | Cited: 7*
123. **Meta-Analysis of Fiber Impact on Mechanical Properties of Ultra-High Performance Concrete**  
*Ciência e Técnica Vitivinícola 31 (6), 101-113, 2016 | 2016 | Cited: 4*
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*LAP LAMBERT Academic Publishing, 2015 | 2015 | Cited: 5*
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*LAP LAMBERT Academic Publishing 1, 288, 2015 | 2015 | Cited: 13*
126. **Investigation and evaluation of the cost estimation methods of Iraqi communication projects**  
*International Journal of Engineering and Management Research, IJEMR 5 (6), 41-48, 2015 | 2015 | Cited: 22*
127. **EVALUATION THE PERFORMANCE OF THE INFRASTRUCTURE PROJECT USING EARNED VALUE MANAGEMENT**  
*INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET) 5 (9&nbsp;...), 2014 | 2014 | Cited: 8*
128. **Quality Control of Concrete Board Piles in Overpasses Projects in Iraq**  
*AL-TAQANI; <http://www.altaqani.org/ar/showall.php?id=8227> (4), 29-54, 2014 | 2014 | Cited: 5*
129. **Development of the Mathematical Model for Predicating the Construction Productivity in IRAQ Using the Artificial Neural Perceptron Network**  
*Journal of Engineering and Development 18 (2), 1-21, 2014 | 2014 | Cited: 6*
130. **QUALITY CONTROL OF CONCRETE BOARD PILES IN OVERPASSES PROJECTS IN IRAQ**  
*Journal of Techniques, 2014 | 2014*
131. **Statistical evaluation of the affective factors on the process of preparing time schedules for Iraqi construction projects**  
*Journal of Engineering and Sustainable Development 17 (1), 33-61, 2013 | 2013 | Cited: 8*
132. **Using multivariable linear regression technique for modeling productivity construction in Iraq**  
*Open Journal of Civil Engineering 3 (3), 127-135, 2013 | 2013 | Cited: 68*
133. **Development of the construction productivity Estimation model using artificial neural network For finishing works for floors with marble**  
*ARPN Journal of Engineering and Applied Sciences 7 (6), 714-722, 2012 | 2012 | Cited: 48*

