

Bassam A Tayeh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3804059/bassam-a-tayeh-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

2,483
citations

28
h-index

44
g-index

145
ext. papers

4,374
ext. citations

3.5
avg, IF

6.46
L-index

#	Paper	IF	Citations
124	Mechanical and permeability properties of the interface between normal concrete substrate and ultra high performance fiber concrete overlay. <i>Construction and Building Materials</i> , 2012 , 36, 538-548	6.7	183
123	Pozzolanic reactivity of ultrafine palm oil fuel ash waste on strength and durability performances of high strength concrete. <i>Journal of Cleaner Production</i> , 2017 , 144, 511-522	10.3	96
122	Characterization of the interfacial bond between old concrete substrate and ultra high performance fiber concrete repair composite. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013 , 46, 743-753	3.4	84
121	Evaluation of Bond Strength between Normal Concrete Substrate and Ultra High Performance Fiber Concrete as a Repair Material. <i>Procedia Engineering</i> , 2013 , 54, 554-563		78
120	Utilization of Ultra-high Performance Fibre Concrete (UHPFC) for Rehabilitation [A Review]. <i>Procedia Engineering</i> , 2013 , 54, 525-538		72
119	Use of recycled plastic as fine aggregate in cementitious composites: A review. <i>Construction and Building Materials</i> , 2020 , 253, 119146	6.7	71
118	Effects of using rice straw and cotton stalk ashes on the properties of lightweight self-compacting concrete. <i>Construction and Building Materials</i> , 2020 , 235, 117541	6.7	70
117	Effect of using mineral admixtures and ceramic wastes as coarse aggregates on properties of ultrahigh-performance concrete. <i>Journal of Cleaner Production</i> , 2020 , 273, 123073	10.3	64
116	Technological performance of natural fibre reinforced cement-based mortars. <i>Journal of Building Engineering</i> , 2021 , 33, 101675	5.2	63
115	Eco-friendly concrete containing recycled plastic as partial replacement for sand. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 4631-4643	5.5	62
114	Efficiency of treated and untreated palm oil fuel ash as a supplementary binder on engineering and fluid transport properties of high-strength concrete. <i>Construction and Building Materials</i> , 2016 , 125, 1066-1079	6.7	59
113	Strength and transport characteristics of volcanic pumice powder based high strength concrete. <i>Construction and Building Materials</i> , 2019 , 216, 314-324	6.7	56
112	Durability and strength characteristics of high-strength concrete incorporated with volcanic pumice powder and polypropylene fibers. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 806-818	5.5	48
111	Workability, Setting Time and Strength of High-Strength Concrete Containing High Volume of Palm Oil Fuel Ash. <i>Open Civil Engineering Journal</i> , 2018 , 12, 35-46	0.8	46
110	Properties of concrete containing recycled seashells as cement partial replacement: A review. <i>Journal of Cleaner Production</i> , 2019 , 237, 117723	10.3	45
109	Effects of nano-palm oil fuel ash and nano-eggshell powder on concrete. <i>Construction and Building Materials</i> , 2020 , 261, 119790	6.7	44
108	Improving the Engineering and Fluid Transport Properties of Ultra-High Strength Concrete Utilizing Ultrafine Palm Oil Fuel Ash. <i>Journal of Advanced Concrete Technology</i> , 2014 , 12, 127-137	2.3	44

107	Effect of partial replacement of sand by plastic waste on impact resistance of concrete: experiment and simulation. <i>Structures</i> , 2019 , 20, 519-526	3.4	43
106	Use of oil palm shell as an aggregate in cement concrete: A review. <i>Construction and Building Materials</i> , 2020 , 265, 120357	6.7	43
105	The effect of using nano rice husk ash of different burning degrees on ultra-high-performance concrete properties. <i>Construction and Building Materials</i> , 2021 , 290, 123279	6.7	41
104	Microstructural analysis of the adhesion mechanism between old concrete substrate and UHPFC. <i>Journal of Adhesion Science and Technology</i> , 2014 , 28, 1846-1864	2	40
103	The relationship between substrate roughness parameters and bond strength of ultra high-performance fiber concrete. <i>Journal of Adhesion Science and Technology</i> , 2013 , 27, 1790-1810	2	39
102	Effects of nano cotton stalk and palm leaf ashes on ultrahigh-performance concrete properties incorporating recycled concrete aggregates. <i>Construction and Building Materials</i> , 2021 , 302, 124196	6.7	39
101	The Utilization of Recycled Aggregate in High Performance Concrete: A Review. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 8469-8481	5.5	35
100	The effect of steam curing regimes on the chloride resistance and pore size of high-strength green concrete. <i>Construction and Building Materials</i> , 2021 , 280, 122409	6.7	33
99	Effects of marble, timber, and glass powder as partial replacements for cement. <i>Journal of Civil Engineering and Construction</i> , 2018 , 7, 63	1.4	31
98	Factors Affecting the Success of Construction Projects in Gaza Strip. <i>Open Civil Engineering Journal</i> , 2018 , 12, 301-315	0.8	29
97	Experimental and modelling study of mixture design optimisation of glass fibre-reinforced concrete with combined utilisation of Taguchi and Extreme Vertices Design Techniques. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 2093-2106	5.5	28
96	Effect of high temperature on the mechanical properties of basalt fibre self-compacting concrete as an overlay material. <i>Construction and Building Materials</i> , 2021 , 268, 121725	6.7	26
95	Major causes of problems between contractors and subcontractors in the Gaza Strip. <i>Journal of Financial Management of Property and Construction</i> , 2012 , 17, 92-112	1.5	25
94	Mechanical Properties of Silica Fume Modified High-Volume Fly Ash Rubberized Self-Compacting Concrete. <i>Sustainability</i> , 2021 , 13, 5571	3.6	24
93	Subcontractor Prequalification Practices in Palestine. <i>International Journal of Construction Management</i> , 2010 , 10, 45-74	1.9	23
92	Influence of steam curing regimes on the properties of ultrafine POFA-based high-strength green concrete. <i>Journal of Building Engineering</i> , 2021 , 38, 102204	5.2	22
91	Recycling of rice husk waste for a sustainable concrete: A critical review. <i>Journal of Cleaner Production</i> , 2021 , 312, 127734	10.3	21
90	Durability and mechanical properties of seashell partially-replaced cement. <i>Journal of Building Engineering</i> , 2020 , 31, 101328	5.2	20

89	Effect of Incorporating Pottery and Bottom Ash as Partial Replacement of Cement. <i>Karbala International Journal of Modern Science</i> , 2019 , 5,	4.6	20
88	Properties of self-compacting high-strength concrete containing multiple use of recycled aggregate. <i>Journal of King Saud University, Engineering Sciences</i> , 2020 , 32, 108-114	2.2	20
87	Repairing and Strengthening of Damaged RC Columns Using Thin Concrete Jacketing. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-16	1.3	19
86	Exploitation of the nanowaste ceramic incorporated with nano silica to improve concrete properties. <i>Journal of King Saud University, Engineering Sciences</i> , 2020 , 33, 581-581	2.2	19
85	Microstructure and structural analysis of polypropylene fibre reinforced reactive powder concrete beams exposed to elevated temperature. <i>Journal of Building Engineering</i> , 2020 , 29, 101167	5.2	19
84	Investigating the mechanical and microstructure properties of fibre-reinforced lightweight concrete under elevated temperatures. <i>Case Studies in Construction Materials</i> , 2020 , 13, e00459	2.7	19
83	Mechanical and durability properties of ultra-high performance concrete incorporated with various nano waste materials under different curing conditions. <i>Journal of Building Engineering</i> , 2021 , 43, 102569	5.2	19
82	Effect of internal curing on behavior of high performance concrete: An overview. <i>Case Studies in Construction Materials</i> , 2019 , 10, e00229	2.7	17
81	Physical and mechanical properties of self-compacting concrete containing superplasticizer and metakaolin. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 271, 012004	0.4	17
80	The Role of Silica Fume in the Adhesion of Concrete Restoration Systems. <i>Advanced Materials Research</i> , 2012 , 626, 265-269	0.5	17
79	Success Factors and Barriers of Last Planner System Implementation in the Gaza Strip Construction Industry. <i>Open Construction and Building Technology Journal</i> , 2018 , 12, 389-403	1.1	17
78	Mechanical properties of semi-lightweight concrete containing nano-palm oil clinker powder. <i>Physics and Chemistry of the Earth</i> , 2021 , 121, 102977	3	17
77	Engineering properties of self-cured normal and high strength concrete produced using polyethylene glycol and porous ceramic waste as coarse aggregate. <i>Construction and Building Materials</i> , 2021 , 299, 124243	6.7	17
76	Properties of ultra-high-performance fiber-reinforced concrete (UHPFRC) review paper 2019 ,		16
75	Effect of high-volume ultrafine palm oil fuel ash on the engineering and transport properties of concrete. <i>Case Studies in Construction Materials</i> , 2020 , 12, e00318	2.7	16
74	The present state of the use of eggshell powder in concrete: A review. <i>Journal of Building Engineering</i> , 2020 , 32, 101583	5.2	16
73	Potential applications of geopolymer concrete in construction: A review. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00733	2.7	15
72	Properties of environmental concrete that contains crushed walnut shell as partial replacement for aggregates. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	15

71	Implementation Phase Safety System for Minimising Construction Project Waste. <i>Buildings</i> , 2019 , 9, 25	3.2	14
70	Mechanical and deformation properties of rubberized engineered cementitious composite (ECC). <i>Case Studies in Construction Materials</i> , 2020 , 13, e00385	2.7	14
69	A comprehensive review of disputes prevention and resolution in construction projects. <i>MATEC Web of Conferences</i> , 2019 , 270, 05012	0.3	13
68	Effect of ferrosilicon and silica fume on mechanical, durability, and microstructure characteristics of ultra high-performance concrete. <i>Construction and Building Materials</i> , 2022 , 320, 126233	6.7	13
67	Potential Use of Ultra High-Performance Fibre-Reinforced Concrete as a Repair Material for Fire-Damaged Concrete in Terms of Bond Strength. <i>International Journal of Integrated Engineering</i> , 2020 , 12,	1.5	13
66	Effect of recycled glass powder on properties of cementitious materials contains styrene butadiene rubber. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	13
65	Effect of elevated temperatures on mechanical properties of lightweight geopolymer concrete. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00673	2.7	13
64	Possibilities for the application of agro-industrial wastes in cementitious materials: A brief review of the Brazilian perspective. <i>Cleaner Materials</i> , 2022 , 3, 100040		12
63	Challenges Facing Small-sized Construction Firms in the Gaza Strip. <i>Open Civil Engineering Journal</i> , 2019 , 13, 51-57	0.8	12
62	Shear Behaviour of RC Beams Strengthened by Various Ultrahigh Performance Fibre-Reinforced Concrete Systems. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-18	1.3	11
61	Flexural behavior of RC beams strengthened with steel wire mesh and self-compacting concrete jacketing Experimental investigation and test results. <i>Journal of Materials Research and Technology</i> , 2021 , 10, 1002-1019	5.5	11
60	Techniques and benefits of implementing the last planner system in the Gaza Strip construction industry. <i>Engineering, Construction and Architectural Management</i> , 2019 , 26, 1424-1436	3.1	10
59	Engineering properties of sustainable green concrete incorporating eco-friendly aggregate of crumb rubber: A review. <i>Journal of Cleaner Production</i> , 2021 , 324, 129251	10.3	10
58	Contractors' attitudes towards the factors affecting sustainability performance: Evidence from Palestine. <i>Business Strategy and Development</i> , 2019 , 2, 173-179	2.1	9
57	Flexural Strength Behavior of Composite UHPFC - Existing Concrete. <i>Advanced Materials Research</i> , 2013 , 701, 32-36	0.5	9
56	Production of geopolymer concrete by utilizing volcanic pumice dust. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00802	2.7	9
55	Risk Factors Affecting the Performance of Construction Projects in Gaza Strip. <i>Open Civil Engineering Journal</i> , 2020 , 14, 94-104	0.8	9
54	Confinement model for LRS FRP-confined concrete using conventional regression and artificial neural network techniques. <i>Composite Structures</i> , 2022 , 279, 114779	5.3	9

53	Safety Barriers Identification, Classification, and Ways to Improve Safety Performance in the Architecture, Engineering, and Construction (AEC) Industry: Review Study. <i>Sustainability</i> , 2021 , 13, 3316	3.6	9
52	Sulphate resistance of cement mortar contains glass powder. <i>Journal of King Saud University, Engineering Sciences</i> , 2020 , 32, 495-500	2.2	9
51	Project Manager Interventions in Occupational Health and Safety During the Pre-construction Phase in the Gaza Strip. <i>Open Civil Engineering Journal</i> , 2020 , 14, 20-30	0.8	8
50	Performance of sustainable concrete containing different types of recycled plastic. <i>Journal of Cleaner Production</i> , 2021 , 328, 129517	10.3	8
49	Influence of Pottery Clay in Cement Mortar and Concrete Mixture: A Review. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 67	0.8	8
48	Artificial Neural Network (ANN) and Finite Element (FEM) Models for GFRP-Reinforced Concrete Columns under Axial Compression. <i>Materials</i> , 2021 , 14,	3.5	7
47	Factors Affecting Defects Occurrence in Structural Design Stage of Residential Buildings in Gaza Strip. <i>Open Civil Engineering Journal</i> , 2019 , 13, 129-139	0.8	7
46	Flexural performance of reinforced concrete beams strengthened with self-compacting concrete jacketing and steel welded wire mesh. <i>Structures</i> , 2020 , 28, 2146-2162	3.4	7
45	Health and safety improvement in construction projects: a lean construction approach. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021 , 1-13	2.1	7
44	Chemical attack on concrete containing a high volume of crumb rubber as a partial replacement to fine aggregate in engineered cementitious composite (ECC). <i>Canadian Journal of Civil Engineering</i> ,	1.3	7
43	Mechanical and durability properties of ground calcium carbonate-added roller-compacted concrete for pavement. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 13341-13351	5.5	6
42	Pull-out behavior of post installed rebar connections using chemical adhesives and cement based binders. <i>Journal of King Saud University, Engineering Sciences</i> , 2019 , 31, 332-339	2.2	6
41	Sustainable utilization of red mud waste (bauxite residue) and slag for the production of geopolymer composites: A review. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00994	2.7	6
40	Factors affecting defects occurrence in the construction stage of residential buildings in Gaza Strip. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	5
39	Existing concrete textures: their effect on adhesion with fibre concrete overlay. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2014 , 167, 355-368	0.9	5
38	Recycling of mine tailings for the geopolymers production: A systematic review. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00933	2.7	5
37	Limitation Factors of Building Information Modeling (BIM) Implementation. <i>Open Construction and Building Technology Journal</i> , 2019 , 13, 189-196	1.1	5
36	Fabrication of thermal insulation geopolymer bricks using ferrosilicon slag and alumina waste. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00737	2.7	5

35	Behavior of geopolymers concrete deep beams containing waste aggregate of glass and limestone as a partial replacement of natural sand. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00744	2.7	5
34	Effect of air agent on mechanical properties and microstructure of lightweight geopolymer concrete under high temperature. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00951	2.7	5
33	Behaviour of RC columns strengthened with Ultra-High Performance Fiber Reinforced concrete (UHPFRC) under eccentric loading. <i>Journal of Building Engineering</i> , 2022 , 47, 103857	5.2	4
32	Using safety system during the design phase to minimize waste in construction projects. <i>Journal of King Saud University, Engineering Sciences</i> , 2020 ,	2.2	4
31	Stability of glassy concrete under elevated temperatures. <i>European Journal of Environmental and Civil Engineering</i> , 2020 , 1-12	1.5	4
30	Barriers of Occupational Safety Implementation in Infrastructure Projects: Gaza Strip Case. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	4
29	Reconstruction of residential buildings post-disaster: A comparison of influencing factors 2019 ,		4
28	Role of expanded clay aggregate, metakaolin and silica fume on the of modified lightweight concrete properties. <i>Geosystem Engineering</i> , 1-12	1.2	4
27	Evaluation and optimisation of foam concrete containing ground calcium carbonate and glass fibre (experimental and modelling study). <i>Case Studies in Construction Materials</i> , 2021 , 15, e00625	2.7	4
26	Performance and microstructure analysis of high-strength concrete incorporated with nanoparticles subjected to high temperatures and actual fires. <i>Archives of Civil and Mechanical Engineering</i> , 2022 , 22, 1	3.4	4
25	Impact of Ca+ content and curing condition on durability performance of metakaolin-based geopolymer mortars. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00922	2.7	3
24	Using artificial neural networks for predicting mechanical and radiation shielding properties of different nano-concretes exposed to elevated temperature. <i>Construction and Building Materials</i> , 2022 , 324, 126663	6.7	3
23	Fresh and mechanical properties overview of alkali-activated materials made with glass powder as precursor. <i>Cleaner Materials</i> , 2022 , 3, 100036		3
22	Effect of crumb rubber on the punching shear behaviour of reinforced concrete slabs with openings. <i>Construction and Building Materials</i> , 2021 , 311, 125345	6.7	3
21	Experimental and numerical investigations of the influence of partial replacement of coarse aggregates by plastic waste on the impact load. <i>International Journal of Sustainable Engineering</i> , 2021 , 14, 735-742	3.1	3
20	Two-Year Non-Destructive Evaluation of Eco-Efficient Concrete at Ambient Temperature and after Freeze-Thaw Cycles. <i>Sustainability</i> , 2021 , 13, 10605	3.6	3
19	Enhancing the Impact Strength of Prepacked Aggregate Fibrous Concrete Using Asphalt-Coated Aggregates.. <i>Materials</i> , 2022 , 15,	3.5	3
18	Thermal insulation and mechanical characteristics of cement mortar reinforced with mineral wool and rice straw fibers. <i>Journal of Building Engineering</i> , 2022 , 53, 104568	5.2	3

17	Rubberized geopolymer composites: A comprehensive review. <i>Ceramics International</i> , 2022 ,	5.1	3
16	Manufacturing nano novel composites using sugarcane and eggshell as an alternative for producing nano green mortar.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	2
15	Factors Affecting Sustainability Performance during the Construction Stage in Building Projects-Consultants Perspective. <i>Open Construction and Building Technology Journal</i> , 2020 , 14, 17-26	1.1	2
14	Producing Sustainable Concrete using Nano Recycled Glass. <i>Open Civil Engineering Journal</i> , 2021 , 15, 236-243	0.8	2
13	Influence of recycled aggregates and carbon nanofibres on properties of ultra-high-performance concrete under elevated temperatures. <i>Case Studies in Construction Materials</i> , 2022 , e01063	2.7	2
12	Tender Pricing of Infrastructure Projects: Affecting Factors 2019 ,		1
11	Assessment of Adhesion between RPC Overlay and Existing Concrete Substrate. <i>Applied Mechanics and Materials</i> , 2015 , 802, 95-100	0.3	1
10	Review on effect of steam curing on behavior of concrete. <i>Cleaner Materials</i> , 2022 , 3, 100042		1
9	Building Information Modeling (BIM) in Enhancing the Applying of Knowledge Areas in the Architecture, Engineering and Construction (AEC) Industry. <i>Open Civil Engineering Journal</i> , 2020 , 14, 388-401	0.8	1
8	Punching shear behaviour of RC flat slabs incorporating recycled coarse aggregates and crumb rubber. <i>Journal of Building Engineering</i> , 2021 , 44, 103363	5.2	1
7	Using ultra-high performance fiber reinforced concrete in improvement shear strength of reinforced concrete beams. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01009	2.7	1
6	Risk Management Strategies in Construction Organizations. <i>Open Civil Engineering Journal</i> , 2021 , 15, 406-413	0.8	1
5	Occupational health and safety practice in infrastructure projects.. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021 , 1-14	2.1	1
4	Sustainable application of coal bottom ash as fine aggregates in concrete: A comprehensive review. <i>Case Studies in Construction Materials</i> , 2022 , 16, e01109	2.7	1
3	Exploring engineering properties of waste tire rubber for construction applications - a review of recent advances. <i>Materials Today: Proceedings</i> , 2022 , 53, A1-A17	1.4	0
2	Optimizing the concrete strength of lightweight concrete containing Nano palm oil fuel ash and palm oil clinker using response surface method. <i>Case Studies in Construction Materials</i> , 2022 , e01061	2.7	0
1	Effect of recycled waste glass on the properties of high-performance concrete: A critical review. <i>Case Studies in Construction Materials</i> , 2022 , e01149	2.7	0