Nordin Yahaya

List of Publications by Year
in descending order

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51 papers	616 citations	840776 11 h-index	677142 22 g-index
51 all docs	51 docs citations	51 times ranked	576 citing authors

#	Article	IF	Citations
1	Hybrid SWARA-COPRAS method for risk assessment in deep foundation excavation project: an iranian case study. Journal of Civil Engineering and Management, 2017, 23, 524-532.	3.5	105
2	A FUZZY ANALYTIC NETWORK PROCESS METHOD FOR RISK PRIORITIZATION IN FREEWAY PPP PROJECTS: AN IRANIAN CASE STUDY. Journal of Civil Engineering and Management, 2015, 21, 933-947.	3.5	86
3	Review on the identification of reputation loss indicators in an onshore pipeline explosion event. Journal of Loss Prevention in the Process Industries, 2017, 48, 71-86.	3.3	38
4	An enhanced multi-objective optimization approach for risk allocation in publicâ€“private partnership projects: a case study of Malaysia. Canadian Journal of Civil Engineering, 2014, 41, 164-177.	1.3	36
5	Behaviour of steel pipelines with composite repairs analysed using experimental and numerical approaches. Thin-Walled Structures, 2019, 139, 321-333.	5.3	33
6	A NEW HYBRID FUZZY CYBERNETIC ANALYTIC NETWORK PROCESS MODEL TO IDENTIFY SHARED RISKS IN PPP PROJECTS. International Journal of Strategic Property Management, 2016, 20, 409-426.	1.8	30
7	Microbial Corrosion of API 5L X-70 Carbon Steel by ATCC 7757 and Consortium of Sulfate-Reducing Bacteria. Journal of Chemistry, 2014, 2014, 1-7.	1.9	24
8	A SWARA-COPRAS APPROACH TO THE ALLOCATION OF RISK IN WATER AND SEWERAGE PUBLICâ€“PRIVATE PARTNERSHIP PROJECTS IN MALAYSIA. International Journal of Strategic Property Management, 2019, 23, 269-283.	1.8	19
9	New Technique for Studying Soil-Corrosion of Underground Pipeline. Journal of Applied Sciences, 2011, 11, 1510-1518.	0.3	19
10	Effect of pH and Temperature on Corrosion of Steel Subject to Sulphate-reducing Bacteria. Journal of Environmental Science and Technology, 2014, 7, 209-217.	0.3	19
11	Risk Ranking of Malaysian Public Private Partnership Projects. Applied Mechanics and Materials, 0, 567, 613-618.	0.2	16
12	Microbiologically Influenced Corrosion of X-70 Carbon Steel by Desulfovibrio Vulgaris. Advanced Science Letters, 2012, 13, 312-316.	0.2	16
13	Corrosion Study on X70-Carbon Steel Material Influenced by Soil Engineering Properties. Advanced Materials Research, 0, 311-313, 875-880.	0.3	15
14	Modeling of External Metal Loss for Corroded Buried Pipeline. Journal of Pressure Vessel Technology, Transactions of the ASME, 2017, 139, .	0.6	13
15	The Consequence Assessment of Gas Pipeline Failure due to Corrosion. Solid State Phenomena, 0, 227, 225-228.	0.3	12
16	Mechanical Properties Characterization and Finite Element Analysis of Epoxy Grouts in Repairing Damaged Pipeline. Journal of Pressure Vessel Technology, Transactions of the ASME, 2018, 140, .	0.6	12
17	Identification and Evaluation of Risk Allocation Criteria and Barriers: A Malaysian Public Private Partnership Project Case Study. Journal of Applied Sciences, 2014, 14, 2023-2031.	0.3	11
18	Underground Corrosion Model of Steel Pipelines Using In Situ Parameters of Soil. Journal of Pressure Vessel Technology, Transactions of the ASME, 2015, 137, .	0.6	10

#	Article	IF	Citations
19	Effects of soil properties on the corrosion progress of X70-carbon steel in tropical region. Ships and Offshore Structures, 2017, 12, 991-1003.	1.9	10
20	Relationship Between in-situ Measurement of Soil Parameters and Metal Loss Volume of X70 Carbon Steel Coupon. Asian Journal of Scientific Research, 2015, 8, 205-211.	0.1	10
21	Risk Identification and Assessment in Malaysian Public-Private Partnership Projects. , 2014, , .		7
22	Bio-corrosion of carbon steel by sulfate reducing bacteria consortium in oil and gas pipelines. Journal of Mechanical Engineering and Sciences, 2017, 11, 2592-2600.	0.6	6
23	Markov Chain Model for Predicting Pitting Corrosion Damage in Offshore Pipeline. Asian Journal of Scientific Research, 2014, 7, 208-216.	0.1	6
24	Disinfection of Sulfate Reducing Bacteria using Ultraviolet Treatment in Mitigating Microbiologically Influenced Corrosion. Journal of Biological Sciences, 2014, 14, 349-354.	0.3	6
25	Comparison of Human Health and Safety Loss due to Corroded Gas Pipeline Failure in Rural and Urban Areas: A Case Study in Malaysia. Solid State Phenomena, 0, 227, 221-224.	0.3	5
26	Comparison of Mechanical Properties of Epoxy Grouts for Pipeline Repair. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 1430-1434.	0.1	4
27	Turbidity Method to Measure the Growth of Anaerobic Bacteria Related to Microbiologically Influenced Corrosion. Solid State Phenomena, 0, 227, 298-301.	0.3	4
28	STRENGTH DEVELOPMENT OF EPOXY GROUTS FOR PIPELINE REHABILITATION. Jurnal Teknologi (Sciences) Tj ETQq0 0 0 rgBT /Overlock	0.4	4
29	Stress distribution analysis of composite repair with Carbon Nanotubes reinforced putty for damaged steel pipeline. International Journal of Pressure Vessels and Piping, 2021, 194, 104537.	2.6	4
30	Mechanical Properties of Graphene-Modified Epoxy Grout for Pipeline Composite Repair. International Journal of Integrated Engineering, 2018, 10, .	0.4	4
31	Environmental Loss Assessment for Gas Pipeline Failure by Considering Localize Factors Using Fuzzy Based Approach. Applied Mechanics and Materials, 2015, 735, 163-167.	0.2	3
32	Hybrid soliwave technique for mitigating sulfate-reducing bacteria in controlling biocorrosion: a case study on crude oil sample. Environmental Technology (United Kingdom), 2017, 38, 2427-2439.	2.2	3
33	Mechanical Properties of Graphene Nanoplatelets-Reinforced Epoxy Grout in Repairing Damaged Pipelines. Materials Science Forum, 2019, 962, 242-248.	0.3	3
34	Effect of Silica Sand Filler on Mechanical Properties of Epoxy Grout for Composite Repair of Steel Pipelines. Materials Performance and Characterization, 2020, 9, 20190111.	0.3	3
35	Influence of Environmental Parameters on Microbiologically Influenced Corrosion Subject to Different Bacteria Strains. Sains Malaysiana, 2020, 49, 671-682.	0.5	3
36	Statistical Investigation on Anaerobic Sulphate-Reducing Bacteria Growth by Turbidity Method. International Journal of Biological Chemistry, 2015, 9, 178-187.	0.3	3

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37	Combination effects of ultrasound wave and biocide treatment on the growth of sulfate reducing bacteria (SRB). Desalination and Water Treatment, 2014, 52, 3637-3646.	1.0	2
38	Microbiologically Induced Corrosion Monitoring Using Open-Circuit Potential (OCP) Measurements. Solid State Phenomena, 0, 227, 294-297.	0.3	2
39	MECHANICAL PROPERTIES OF CARBON NANOTUBES-MODIFIED EPOXY GROUT FOR PIPELINE REPAIR SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	2
40	Prioritization of Reputation Loss Factor Subject to Pipeline Explosion. Asian Journal of Scientific Research, 2015, 8, 442-453.	0.1	2
41	Qualitative Assessment of Chloride and Sulphate Influence on Soil Corrosivity. Advanced Materials Research, 0, 446-449, 3462-3466.	0.3	1
42	Analytic Network Process Approach to Risk Allocation of EPC Projects Case Study: Gas Refinery EPC Projects in Iran. Applied Mechanics and Materials, 0, 567, 654-659.	0.2	1
43	Tensile Properties of Epoxy Grout Incorporating Graphene Nanoplatelets for Pipeline Repair. MATEC Web of Conferences, 2018, 203, 06012.	0.2	1
44	Quantifying reputation loss of pipeline operator from various stakeholdersâ€™ perspectives â€“ Part 1: Prioritization. Journal of Loss Prevention in the Process Industries, 2020, 63, 104034.	3.3	1
45	Control of Microbiologically Influenced Corrosion using Ultraviolet Radiation. Sains Malaysiana, 2017, 46, 1323-1331.	0.5	1
46	Waterâ€“Cement Ratio on High-Cycle Fatigue in the Theory of Critical Distances of Plain Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 4281-4290.	1.9	1
47	A Probabilistic Time-Variant Corrosion Wastage Model for Seawater Ballast Tank. Arabian Journal for Science and Engineering, 2013, 38, 1333-1346.	1.1	0
48	Effective Dispersion of Carbon Nanotube in Epoxy Grout for Structural Rehabilitation. E3S Web of Conferences, 2018, 65, 08005.	0.5	0
49	Quantifying reputation loss of pipeline operator from various stakeholders' perspectives â€“ Part 2: Reputation loss model. Journal of Loss Prevention in the Process Industries, 2019, 62, 103978.	3.3	0
50	PICA: Pipeline Integrated Corrosion Assessment Tool for Structure Integrity. Journal of Applied Sciences, 2011, 11, 1904-1912.	0.3	0
51	Comparison Study on Human Health and Safety Loss for Rural and Urban Areas in Monetary Value Subjected to Gas Pipeline Failure. Journal of Environmental Science and Technology, 2015, 8, 300-309.	0.3	0