

Taysir Sumer Gaaz

List of Publications by Year in descending order

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36
papers

1,455
citations

430442

18
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Adding Silicon on Fatigue Properties of Aluminum Based Alloys. Silicon, 2021, 13, 1215-1222.	1.8	3
2	Mechanical and morphology properties of titanium oxide-epoxy nanocomposites. International Journal of Low-Carbon Technologies, 2021, 16, 240-245.	1.2	5
3	Effect of Stick - Slip Phenomena between Human Skin and UHMW Polyethylene. Pertanika Journal of Science and Technology, 2021, 29, .	0.3	5
4	ENGINEERING MATHEMATICAL MODELLING OF CORONA VIRUS (COVID-19) TRANSMISSION IN IRAQ. International Journal of Students Research in Technology & Management, 2021, 9, 01-14.	0.1	0
5	Biodiesel Blends Startability and Emissions During Cold, Warm and Hot Conditions. Journal of Nanofluids, 2020, 9, 75-89.	1.4	8
6	Characterization the effects of nanofluids and heating on flow in a baffled vertical channel. International Journal of Mechanical and Materials Engineering, 2019, 14, .	1.1	5
7	Synthesis, Characterization, and Corrosion Inhibition Potential of Novel Thiosemicarbazone on Mild Steel in Sulfuric Acid Environment. Coatings, 2019, 9, 729.	1.2	42
8	Evaluation and characterization of the symbiotic effect of benzylidene derivative with titanium dioxide nanoparticles on the inhibition of the chemical corrosion of mild steel. International Journal of Corrosion and Scale Inhibition, 2019, 8, .	0.5	14
9	Synthesis and characterization of erbium trioxide nanoparticles as photocatalyzers for degradation of methyl orange dye. Drinking Water Engineering and Science, 2019, 12, 15-21.	0.8	9
10	Removal of Rhodamine Dye from Water Using Erbium Oxide Nanoparticles. Korean Journal of Materials Research, 2019, 29, 747-752.	0.1	2
11	Experimental and theoretical studies of Schiff bases as corrosion inhibitors. Chemistry Central Journal, 2018, 12, 7.	2.6	66
12	Electrochemical studies of novel corrosion inhibitor for mild steel in 1â€M hydrochloric acid. Results in Physics, 2018, 9, 978-981.	2.0	37
13	Development of new corrosion inhibitor tested on mild steel supported by electrochemical study. Results in Physics, 2018, 8, 1260-1267.	2.0	71
14	Effect of phosphoric acid on the morphology and tensile properties of halloysite-polyurethane composites. Results in Physics, 2018, 9, 33-38.	2.0	20
15	Synthesis and corrosion inhibition application of NATN on mild steel surface in acidic media complemented with DFT studies. Results in Physics, 2018, 8, 1178-1184.	2.0	43
16	Synthesis and characterization of a novel organic corrosion inhibitor for mild steel in 1â€M hydrochloric acid. Results in Physics, 2018, 8, 728-733.	2.0	111
17	Study of the electrical and thermal performances of photovoltaic thermal collector-compound parabolic concentrated. Results in Physics, 2018, 9, 500-510.	2.0	32
18	Experimental and quantum chemical simulations on the corrosion inhibition of mild steel by 3-((5-(3,5-dinitrophenyl)-1,3,4-thiadiazol-2-yl)imino)indolin-2-one. Results in Physics, 2018, 9, 278-283.	2.0	47

#	ARTICLE	IF	CITATIONS
19	Inhibitive impacts extract of Citrus aurantium leaves of carbon steel in corrosive media. Green Chemistry Letters and Reviews, 2018, 11, 559-566.	2.1	9
20	Case study on solar water heating for flat plate collector. Case Studies in Thermal Engineering, 2018, 12, 666-671.	2.8	46
21	Experimental studies on inhibition of mild steel corrosion by novel synthesized inhibitor complemented with quantum chemical calculations. Results in Physics, 2018, 10, 291-296.	2.0	28
22	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. Materials Technology, 2017, 32, 430-442.	1.5	15
23	Experimental and theoretical studies of benzoxazines corrosion inhibitors. Results in Physics, 2017, 7, 4013-4019.	2.0	66
24	Absolute variation of the mechanical characteristics of halloysite reinforced polyurethane nanocomposites complemented by Taguchi and ANOVA approaches. Results in Physics, 2017, 7, 3287-3300.	2.0	9
25	Outdoor Performance Analysis of a Photovoltaic Thermal (PVT) Collector with Jet Impingement and Compound Parabolic Concentrator (CPC). Materials, 2017, 10, 888.	1.3	23
26	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. Materials, 2017, 10, 777.	1.3	17
27	The Impact of Halloysite on the Thermo-Mechanical Properties of Polymer Composites. Molecules, 2017, 22, 838.	1.7	82
28	Unique Halloysite Nanotubesâ€“Polyvinyl Alcoholâ€“Polyvinylpyrrolidone Composite Complemented with Physicoâ€“Chemical Characterization. Polymers, 2017, 9, 207.	2.0	23
29	Surface Improvement of Halloysite Nanotubes. Applied Sciences (Switzerland), 2017, 7, 291.	1.3	21
30	Optimizing Physio-Mechanical Properties of Halloysite Reinforced Polyurethane Nanocomposites by Taguchi Approach. Science of Advanced Materials, 2017, 9, 949-961.	0.1	9
31	Physical Properties of Halloysite Nanotubes-Polyvinyl Alcohol Nanocomposites Using Malonic Acid Crosslinked. Jurnal Kejuruteraan, 2017, 29, 71-77.	0.2	6
32	Optimizing Injection Molding Parameters of Different Halloysites Type-Reinforced Thermoplastic Polyurethane Nanocomposites via Taguchi Complemented with ANOVA. Materials, 2016, 9, 947.	1.3	17
33	Impact of Sulfuric Acid Treatment of Halloysite on Physico-Chemic Property Modification. Materials, 2016, 9, 620.	1.3	59
34	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. Molecules, 2015, 20, 22833-22847.	1.7	487
35	Mechanical and Physical Properties of Injection Molded Halloysite Nanotubes-Thermoplastic Polyurethane Nanocomposites. Procedia, Social and Behavioral Sciences, 2015, 195, 2748-2752.	0.5	12
36	Morphology and tensile properties of thermoplastic polyurethane-halloysite nanotube nanocomposites. International Journal of Automotive and Mechanical Engineering, 2015, 12, 2844-2856.	0.5	6