

Mohamed Hazem Abdellatif Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

349
citations

1040056

9
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

278
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Assessment of mechanical and physical properties of LDPE reinforced with marble dust. Composites Part B: Engineering, 2019, 173, 106948. | 12.0 | 53 |
| 2 | A study of some thermal and mechanical properties of HDPE blend with marble and granite dust. Ain Shams Engineering Journal, 2019, 10, 353-358. | 6.1 | 53 |
| 3 | Effect of Al ₂ O ₃ Nanoparticles on the Mechanical and Physical Properties of Epoxy Composite. Arabian Journal for Science and Engineering, 2018, 43, 1511-1517. | 3.0 | 42 |
| 4 | Mechanical behavior of PP reinforced with marble dust. Construction and Building Materials, 2019, 228, 116766. | 7.2 | 42 |
| 5 | Assessment of the properties of PP composite with addition of recycled tire rubber. Ain Shams Engineering Journal, 2018, 9, 3271-3276. | 6.1 | 28 |
| 6 | Effects of lamination and changes in layer thickness on fatigue-crack propagation of lightweight laminated metal composites. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2004, 35, 45-52. | 2.2 | 23 |
| 7 | The influence of adding marble and granite dust on the mechanical and physical properties of PP composites. Journal of Thermal Analysis and Calorimetry, 2020, 140, 2615-2623. | 3.6 | 23 |
| 8 | Assessment of mechanical properties of HDPE composite with addition of marble and granite dust. Ain Shams Engineering Journal, 2020, 11, 1211-1217. | 6.1 | 22 |
| 9 | An analysis of the mechanical behavior of Al-Al ₃ Ni composites. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1975, 6, 1353-1358. | 1.4 | 11 |
| 10 | Effects of changes in test temperature on fatigue crack propagation of Al ₆₀₉₀ /SiCp-Al 6013 laminated metal composites. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2004, 35, 2291-2303. | 2.2 | 10 |
| 11 | Effects of changes in temperature on fatigue crack growth of adhesively bonded Al 2080/SiC/20p-2080 Al laminated composites. Journal of Materials Science, 2004, 39, 3063-3067. | 3.7 | 9 |
| 12 | Assessment of cement replacement with fine recycled rubber particles in sustainable cementitious composites. Journal of the Mechanical Behavior of Materials, 2021, 30, 59-65. | 1.8 | 7 |
| 13 | Factors affecting stress distribution in wind turbine blade. IOP Conference Series: Materials Science and Engineering, 2019, 610, 012020. | 0.6 | 6 |
| 14 | Assessment of the Damage Resulting from Drilling Holes in Waste Tire Rubber Polyester Composite Laminates. Waste and Biomass Valorization, 2021, 12, 4069-4080. | 3.4 | 6 |
| 15 | On the acoustical performance of eco-friendly cementitious composite with recycled fine rubber particles. Construction and Building Materials, 2022, 325, 126830. | 7.2 | 5 |
| 16 | Infiltration and Coating of Rapid Prototyping Parts. Advanced Engineering Materials, 2005, 7, 91-96. | 3.5 | 3 |
| 17 | Studying the Effect of High Substrate Temperature on the Microstructure of Vacuum Evaporated TAPC: C60 Organic Solar Thin Films. Materials, 2021, 14, 1733. | 2.9 | 3 |
| 18 | An analysis of the fatigue behavior of Al-Al ₃ Ni composites. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1976, 7, 373-377. | 1.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Microstructure of In-Situ composites. Materialwissenschaft Und Werkstofftechnik, 1983, 14, 115-119. | 0.9 | 1 |
| 20 | Mechanical properties of In-Situ Composites. Materialwissenschaft Und Werkstofftechnik, 1985, 16, 116-121. | 0.9 | 1 |
| 21 | Effect of oxidation on the toughness and strength of the co, Cr-(Cr,Co)7C3 In-Situ composite. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1980, 11, 845-846. | 1.4 | 0 |