

# Hammar Ilham Akbar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4286835/publications.pdf>

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12  
papers

109  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

61  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effect of alkali treatment of Salacca Zalacca fiber (SZF) on mechanical properties of HDPE composite reinforced with SZF. AEJ - Alexandria Engineering Journal, 2020, 59, 3981-3989.                               | 6.4 | 24        |
| 2  | Recent Progress in Hybrid Aluminum Composite: Manufacturing and Application. Metals, 2021, 11, 1919.   | 2.3 | 23        |
| 3  | Investigation of Industrial and Agro Wastes for Aluminum Matrix Composite Reinforcement. Procedia Structural Integrity, 2020, 27, 30-37.   | 0.8 | 16        |
| 4  | Effect of Reinforcement Material on Properties of Manufactured Aluminum Matrix Composite Using Stir Casting Route. Procedia Structural Integrity, 2020, 27, 62-68.   | 0.8 | 14        |
| 5  | Experimental study of quenching agents on Al6061-Al <sub>2</sub> O <sub>3</sub> composite: Effects of quenching treatment to microstructure and hardness characteristics. Results in Engineering, 2020, 6, 100105. | 5.1 | 10        |
| 6  | Fabrication of AA6061-sea sand composite and analysis of its properties. Heliyon, 2021, 7, e07770.   | 3.2 | 8         |
| 7  | TECHNICAL INVESTIGATION OF SEA SAND REINFORCEMENT FOR NOVEL AL6061- SEA SAND COMPOSITES: IDENTIFICATION OF PERFORMANCE AND MECHANICAL PROPERTIES. Periodico Tche Quimica, 2020, 17, 47-57.                         | 0.1 | 4         |
| 8  | Recent Development in Aluminum Matrix Composite Forging: Effect on the Mechanical and Physical Properties. Procedia Structural Integrity, 2021, 33, 3-10.  | 0.8 | 4         |
| 9  | Enhancing on bending properties of sugar palm fiber composite using alkali treatment. AIP Conference Proceedings, 2017, , .  | 0.4 | 3         |
| 10 | Effect of quenching agent on dimension stability of Al 6061-Al <sub>2</sub> O <sub>3</sub> composite. MATEC Web of Conferences, 2018, 159, 02047.  | 0.2 | 2         |
| 11 | Effect of Sea Sand Content on Hardness of Novel Aluminium Metal Matrix Composite AA6061/Sea Sand. Lecture Notes in Mechanical Engineering, 2020, , 307-315.  | 0.4 | 0         |
| 12 | Analisis Artificial Aging dan Perlakuan Electroless Coating Terhadap Karakteristik Gesek dan Kekerasan Komposit AA6061-Al <sub>2</sub> O <sub>3</sub> . Semesta Teknika, 2022, 25, 15-23.                          | 0.1 | 0         |