**بحوث الاساتذة للعام الدراسي 2020/2021**

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| **2** | احسان يحيى حسين خلف السعيدي | effect of frictional material on thermal behavior of brake system | مشترك | Tribology in Industry |
| **3** | Thermal and Thermoelastic Problems in Dry Friction Clutch: A Comprehensive Review | مشترك | Heat Transfer |
| **4** | احمد عبد الحسين علي عبد الرزاق الحلاوي | Simulation and the Theoretical of Forward Kinematics and Inverse Kinematics of the Robotic Arm 6DOF using Python | مشترك | Journal of Mechanical Engineering Research and Developments |
| **5** | Experimental and Theoretical Optimal Regulator Control of Balance Zero Moment Point for Bipedal Robot | مشترك | **Journal of Engineering and Sustainable Development (JEASD)** |
| **6** | The effect of Attack Angle on the Vibration Suppression of Composite Wing Airfoil NACA 0012 | مشترك | Association of Arab Universities Journal of Engineering Sciences |
| **7** | Simulation and Experimental Walking Pattern Generation for Two Types of Degree of Freedom Bipedal Locomotion Robot | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
| **8** | Investigation of wear resistance for variable configurations of woven glass-fiber reinforced composite materials | مشترك | [Materials Research Express](https://iopscience.iop.org/journal/2053-1591) |
| **9** | Simulation of Pose to Pose Moving of the Mobile Robot with Specified GPS Points | مشترك | [Journal of Engineering](https://joe.uobaghdad.edu.iq/index.php/main/issue/view/85) |
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