

Ali Abdallah

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

89
citations

1478505

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h-index

1474206

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g-index

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19
times ranked

97
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Measurement error estimation and quality factor improvement of an electrodynamic-acoustic resonator sensor for viscosity measurement. <i>Sensors and Actuators A: Physical</i> , 2013, 199, 318-324. | 4.1 | 19 |
| 2 | Symmetric mechanical plate resonators for fluid sensing. <i>Sensors and Actuators A: Physical</i> , 2015, 232, 319-328. | 4.1 | 16 |
| 3 | Resonant Steel Tuning Forks for Precise Inline Viscosity and Mass Density Measurements in Harsh Environments. <i>Procedia Engineering</i> , 2014, 87, 1139-1142. | 1.2 | 13 |
| 4 | Optimal Parameter Estimation Method for Different Types of Resonant Liquid Sensors. <i>Procedia Engineering</i> , 2014, 87, 1581-1584. | 1.2 | 6 |
| 5 | Viscoelasticity and Dielectric Measurement of Small Sample Volume for Diagnostic Platform of Synovial Fluid. <i>Procedia Engineering</i> , 2015, 120, 171-174. | 1.2 | 6 |
| 6 | Characterization of Viscous and Viscoelastic Fluids Using Parallel Plate Shear-Wave Transducers. <i>IEEE Sensors Journal</i> , 2016, 16, 2950-2957. | 4.7 | 6 |
| 7 | The Potential of Game Development Platforms for Digital Twins and Virtual Labs. <i>IFIP Advances in Information and Communication Technology</i> , 2020, , 117-121. | 0.7 | 6 |
| 8 | Microfluidic Device for Acoustophoresis and Dielectrophoresis Assisted Particle and Cell Transfer between Different Fluidic Media. <i>Procedia Engineering</i> , 2015, 120, 691-694. | 1.2 | 5 |
| 9 | Viscosity Measurement Cell Utilizing Electrodynamic-Acoustic Resonator Sensors: Design Considerations and Issues. <i>Procedia Engineering</i> , 2012, 47, 160-164. | 1.2 | 3 |
| 10 | Resonator sensor array for synovial fluid characterization. , 2015, , . | | 2 |
| 11 | Viscosity measurement cell utilizing electrodynamic-acoustic resonator sensors: Issues and improvements. , 2012, , . | | 1 |
| 12 | Application of resonant sensors for magnetic flux density measurements. , 2012, , . | | 1 |
| 13 | Concept study on an electrodynamically driven and read-out torsional oscillator. , 2014, , . | | 1 |
| 14 | Parallel plates shear-wave transducers for the characterization of viscous and viscoelastic fluids. , 2014, , . | | 1 |
| 15 | Acoustic sensor for in-line monitoring in polymer extrusion dies. , 2015, , . | | 1 |
| 16 | Electrochemical impedance spectroscopy for in situ monitoring of early zeolite formation. , 2015, , . | | 1 |
| 17 | Sweat glands module with integrated sensors designed for Additive Manufacturing. <i>MATEC Web of Conferences</i> , 2019, 299, 01011. | 0.2 | 1 |
| 18 | U-shaped wire based resonators for mass density and viscosity sensing. , 2015, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Integrating Electronic Components into 3D Printed Parts to Develop a Digital Manufacturing Approach. IFIP Advances in Information and Communication Technology, 2020, , 138-145. | 0.7 | 0 |