

Ali Abdallah

List of Publications by Year in descending order

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19
papers

89
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

97
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Viscosity Measurement Cell Utilizing Electrodynamic-Acoustic Resonator Sensors: Design Considerations and Issues. Procedia Engineering, 2012, 47, 160-164.	1.2	3