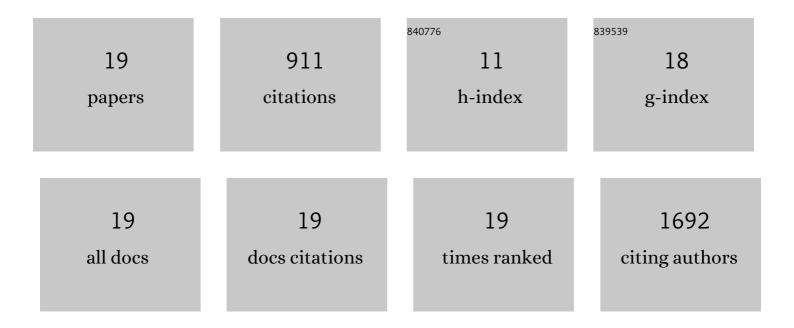
Adrian J T Teo

List of Publications by Year in descending order

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Δηριλή ΙΤΤές

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Acoustic Biosensors and Microfluidic Devices in the Decennium: Principles and Applications. Micromachines, 2022, 13, 24. | 2.9 | 20 |
| 2 | Realization of Three-Dimensionally MEMS Stacked Comb Structures for Microactuators Using Low-Temperature Multi-Wafer Bonding with Self-Alignment Techniques in CMOS-Compatible Processes. Micromachines, 2021, 12, 1481. | 2.9 | 4 |
| 3 | On-Demand Droplet Merging with an AC Electric Field for Multiple-Volume Droplet Generation. Analytical Chemistry, 2020, 92, 1147-1153. | 6.5 | 19 |
| 4 | Development of a Microfluidic Droplet-Based Microbioreactor for Microbial Cultivation. ACS Biomaterials Science and Engineering, 2020, 6, 3630-3637. | 5.2 | 14 |
| 5 | Surfactant-free, UV-curable core–shell microcapsules in a hydrophilic PDMS microfluidic device. AlP Advances, 2020, 10, . | 1.3 | 10 |
| 6 | Controllable droplet generation at a microfluidic T-junction using AC electric field. Microfluidics and Nanofluidics, 2020, 24, 1. | 2.2 | 9 |
| 7 | A versatile PDMS submicrobead/graphene oxide nanocomposite ink for the direct ink writing of wearable micron-scale tactile sensors. Applied Materials Today, 2019, 16, 482-492. | 4.3 | 106 |
| 8 | Fundamentals of Differential Particle Inertial Focusing in Symmetric Sinusoidal Microchannels. Analytical Chemistry, 2019, 91, 4077-4084. | 6.5 | 51 |
| 9 | Influence of Interfacial Gas Enrichment on Controlled Coalescence of Oil Droplets in Water in Microfluidics. Langmuir, 2019, 35, 3615-3623. | 3.5 | 15 |
| 10 | Low-Cost Multifunctional Ionic Liquid Pressure and Temperature Sensor. Smart Innovation, Systems and Technologies, 2019, , 184-192. | 0.6 | 2 |
| 11 | Design optimization for an SOI MOEMS accelerometer. Microsystem Technologies, 2018, 24, 465-472. | 2.0 | 5 |
| 12 | A portable, hand-powered microfluidic device for sorting of biological particles. Microfluidics and Nanofluidics, 2018, 22, 1. | 2.2 | 28 |
| 13 | Pressure-Driven Filling of Closed-End Microchannel: Realization of Comb-Shaped Transducers for Acoustofluidics. Physical Review Applied, 2018, 10, . | 3.8 | 13 |
| 14 | Pressure-driven filling of liquid metal in closed-end microchannels. Physical Review E, 2018, 98, . | 2.1 | 4 |
| 15 | Negative Pressure Induced Droplet Generation in a Microfluidic Flow-Focusing Device. Analytical Chemistry, 2017, 89, 4387-4391. | 6.5 | 48 |
| 16 | An optical MEMS accelerometer fabricated using double-sided deep reactive ion etching on silicon-on-insulator wafer. Journal of Micromechanics and Microengineering, 2017, 27, 067001. | 2.6 | 5 |
| 17 | Self-Aligned Interdigitated Transducers for Acoustofluidics. Micromachines, 2016, 7, 216. | 2.9 | 32 |
| | | | |

18 Highly sensitive optical motion detector., 2016,,.

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Polymeric Biomaterials for Medical Implants and Devices. ACS Biomaterials Science and Engineering, 2016, 2, 454-472. | 5.2 | 524 |