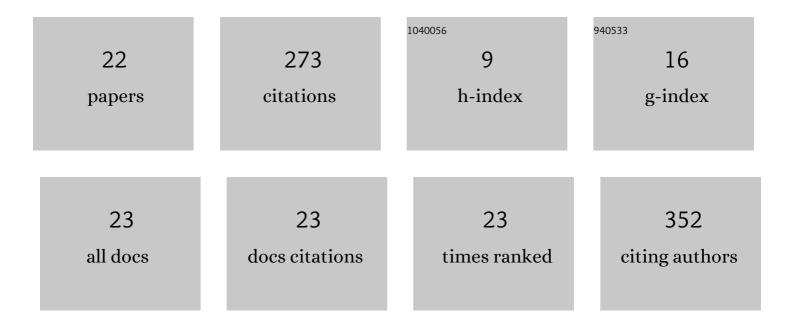
Murat Gel

List of Publications by Year in descending order

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Μιίρατ Οεί

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Application of a Microfluidic Gas-to-Liquid Interface for Extraction of Target Amphetamines and Precursors from Air Samples. Micromachines, 2020, 11, 315. | 2.9 | 3 |
| 2 | Development and characterisation of a compact device for rapid real-time-on-chip detection of thrombin activity in human serum using bioluminescence resonance energy transfer (BRET). Biosensors and Bioelectronics, 2020, 158, 112162. | 10.1 | 10 |
| 3 | A Miniature Gas Sampling Interface with Open Microfluidic Channels: Characterization of Gas-to-Liquid Extraction Efficiency of Volatile Organic Compounds. Micromachines, 2019, 10, 486. | 2.9 | 11 |
| 4 | Progress in bio-manufacture of platelets for transfusion. Platelets, 2017, 28, 649-656. | 2.3 | 16 |
| 5 | Immobilisation of Multiple Ligands Using Peptide Nucleic Acids: A Strategy to Prepare the Microenvironment for Cell Culture. ChemistrySelect, 2017, 2, 4028-4032. | 1.5 | 1 |
| 6 | Characterisation of optically driven microstructures for manipulating single DNA molecules under a fluorescence microscope. IET Nanobiotechnology, 2016, 10, 124-128. | 3.8 | 9 |
| 7 | Sub-nanomolar detection of thrombin activity on a microfluidic chip. Biomicrofluidics, 2014, 8, 064110. | 2.4 | 11 |
| 8 | Real-time, continuous detection of maltose using bioluminescence resonance energy transfer (BRET) on a microfluidic system. Biosensors and Bioelectronics, 2014, 62, 177-181. | 10.1 | 23 |
| 9 | Fabrication of free standing microporous COC membranes optimized for in vitro barrier tissue models. Sensors and Actuators A: Physical, 2014, 215, 51-55. | 4.1 | 6 |
| 10 | Subcellular glucose exposure biases the spatial distribution of insulin granules in single pancreatic beta cells. Scientific Reports, 2014, 4, 4123. | 3.3 | 6 |
| 11 | Cell Fusion in Microfluidics. , 2014, , 1-8. | | 0 |
| 12 | Microfluidic device for high-yield pairing and fusion of stem cells with somatic cells. , 2011, , . | | 2 |
| 13 | Dielectrophoresisâ€assisted massively parallel cell pairing and fusion based on field constriction created by a microâ€orifice array sheet. Electrophoresis, 2011, 32, 2496-2501. | 2.4 | 41 |
| 14 | Dielectrophoretic cell trapping and parallel one-to-one fusion based on field constriction created by a micro-orifice array. Biomicrofluidics, 2010, 4, . | 2.4 | 80 |
| 15 | 10.1063/1.3422544.1.,2010,,. | | 2 |
| 16 | P-MCH-03 LOCALIZED SUBSTANCE DELIVERY TO SINGLE CELL BY THREE DIMENTIONAL MICROFLUIDIC DEVICE(Micro/Nanomechatronics,Technical Program of Poster Session). Proceedings of JSME-IIP/ASME-ISPS Joint Conference on Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE, 2009, 2009, 385-386. | 0.0 | 0 |
| 17 | 1P-309 HIGH-YIELD PARALLEL ELECTRO-FUSION DEVICE BASED ON FIELD CONSTRICTION AT AN ORIFICE ARRAY(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S70. | 0.1 | 0 |
| 18 | Mechanically Controlled Quantum Contact With On-Chip MEMS Actuator. Journal of Microelectromechanical Systems, 2007, 16, 1-6. | 2.5 | 6 |

MURAT GEL

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Direct Measurement of the Binding Force between Microfabricated Particles and a Planar Surface in Aqueous Solution by Force-Sensing Piezoresistive Cantilevers. Langmuir, 2005, 21, 11251-11261. | 3.5 | 19 |
| 20 | Fabrication method for out-of-plane, micro-coil by surface micromachining. Sensors and Actuators A: Physical, 2002, 97-98, 702-708. | 4.1 | 21 |
| 21 | Parallel-plate electrostatic actuation with vertical hinges. Journal of Micromechanics and Microengineering, 2001, 11, 555-560. | 2.6 | 5 |
| 22 | Fabrication Method for Out-of-Plane Coil by Surface Micromachining. , 2001, , 1574-1577. | | 1 |