Young-Tae Kim

List of Publications by Year
in descending order

22	420	840776 11	752698 20
papers	citations	h-index	g-index

22	22	22	775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical Forces in Glioblastoma Migration: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4055.	4.1	7
2	Physical confinement during cancer cell migration triggers therapeutic resistance and cancer stem cell-like behavior. Cancer Letters, 2021, 506, 142-151.	7.2	9
3	Single-cell-level screening method for migratory cancer cells and its potential feasibility in high-throughput manner. Biofabrication, 2020, 12, 035019.	7.1	3
4	OKN-007 Increases temozolomide (TMZ) Sensitivity and Suppresses TMZ-Resistant Glioblastoma (GBM) Tumor Growth. Translational Oncology, 2019, 12, 320-335.	3.7	33
5	Classification of cancer cells using computational analysis of dynamic morphology. Computer Methods and Programs in Biomedicine, 2018, 156, 105-112.	4.7	24
6	Microchannel device for proteomic analysis of migrating cancer cells. Biomedical Physics and Engineering Express, 2018, 4, 065026.	1.2	3
7	Ion-Sensitive Field-Effect Transistors With Micropillared Gates for Measuring Cell Ion Exchange at Molecular Levels. IEEE Access, 2018, 6, 72675-72682.	4.2	2
8	Role of key genetic mutations on increasing migration of brain cancer cells through confinement. Biomedical Microdevices, 2017, 19, 56.	2.8	5
9	Ultrafast laser-assisted spatially targeted optoporation into cortical axons and retinal cells in the eye. Journal of Biomedical Optics, 2017, 22, 060504.	2.6	16
10	Label-free optical detection of action potential in mammalian neurons. Biomedical Optics Express, 2017, 8, 3700.	2.9	23
11	Differentiating Metastatic and Non-metastatic Tumor Cells from Their Translocation Profile through Solid-State Micropores. Langmuir, 2016, 32, 4924-4934.	3.5	13
12	Brain Tumor Genetic Modification Yields Increased Resistance to Paclitaxel in Physical Confinement. Scientific Reports, 2016, 6, 26134.	3.3	5
13	Spatial temperature gradients guide axonal outgrowth. Scientific Reports, 2016, 6, 29876.	3.3	14
14	Optical delivery of multiple opsin-encoding genes leads to targeted expression and white-light activation. Light: Science and Applications, 2015, 4, e352-e352.	16.6	18
15	Broadband activation by white-opsin lowers intensity threshold for cellular stimulation. Scientific Reports, 2015, 5, 17857.	3.3	9
16	Pain Inhibition by Optogenetic Activation of Specific Anterior Cingulate Cortical Neurons. PLoS ONE, 2015, 10, e0117746.	2.5	76
17	Broad-Band Activatable White-Opsin. PLoS ONE, 2015, 10, e0136958.	2.5	8
18	One-step tumor detection from dynamic morphology tracking on aptamer-grafted surfaces. Technology, 2015, 03, 194-200.	1.4	8

#	Article	IF	Citations
19	Parallel recognition of cancer cells using an addressable array of solid-state micropores. Biosensors and Bioelectronics, 2014, 62, 343-349.	10.1	25
20	Loop formation and self-fasciculation of cortical axon using photonic guidance at long working distance. Scientific Reports, 2014, 4, 6902.	3.3	9
21	Proliferation and migration of tumor cells in tapered channels. Biomedical Microdevices, 2013, 15, 635-643.	2.8	32
22	Neuro-optical microfluidic platform to study injury and regeneration of single axons. Lab on A Chip, 2009, 9, 2576.	6.0	78