

Pavak K Shah

List of Publications by Year in descending order

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16
papers

749
citations

840776

11
h-index

996975

15
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17
all docs

17
docs citations

17
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro Total Analysis Systems: Fundamental Advances and Applications in the Laboratory, Clinic, and Field. <i>Analytical Chemistry</i> , 2013, 85, 451-472.	6.5	193
2	Probing Protein Adsorption onto Mercaptoundecanoic Acid Stabilized Gold Nanoparticles and Surfaces by Quartz Crystal Microbalance and ζ -Potential Measurements. <i>Langmuir</i> , 2007, 23, 6053-6062.	3.5	155
3	Microparticle traction force microscopy reveals subcellular force exertion patterns in immune cell-target interactions. <i>Nature Communications</i> , 2020, 11, 20.	12.8	101
4	The Regulatory Landscape of Lineage Differentiation in a Metazoan Embryo. <i>Developmental Cell</i> , 2015, 34, 592-607.	7.0	53
5	Trapping cells on a stretchable microwell array for single-cell analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1065-1072.	3.7	46
6	Capture and 3D culture of colonic crypts and colonoids in a microarray platform. <i>Lab on A Chip</i> , 2013, 13, 4625.	6.0	40
7	WormGUIDES: an interactive single cell developmental atlas and tool for collaborative multidimensional data exploration. <i>BMC Bioinformatics</i> , 2015, 16, 189.	2.6	40
8	PCP and SAX-3/Robo Pathways Cooperate to Regulate Convergent Extension-Based Nerve Cord Assembly in <i>C.Ælegans</i> . <i>Developmental Cell</i> , 2017, 41, 195-203.e3.	7.0	36
9	Microfluidic Chemical Cytometry of Peptide Degradation in Single Drug-Treated Acute Myeloid Leukemia Cells. <i>Analytical Chemistry</i> , 2013, 85, 4991-4997.	6.5	25
10	An In Toto Approach to Dissecting Cellular Interactions in Complex Tissues. <i>Developmental Cell</i> , 2017, 43, 530-540.e4.	7.0	20
11	EFF-1 fusogen promotes phagosome sealing during cell process clearance in <i>Caenorhabditis elegans</i> . <i>Nature Cell Biology</i> , 2018, 20, 393-399.	10.3	19
12	Scalable synthesis of a biocompatible, transparent and superparamagnetic photoresist for microdevice fabrication. <i>Journal of Micromechanics and Microengineering</i> , 2013, 23, 107002.	2.6	9
13	Small sample sorting of primary adherent cells by automated micropallet imaging and release. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 642-649.	1.5	8
14	Dynamics and evolution of β -catenin-dependent Wnt signaling revealed through massively parallel clonogenic screening. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 673-684.	1.3	2
15	Visualizing and quantifying molecular and cellular processes in <i>Caenorhabditis elegans</i> using light microscopy. <i>Genetics</i> , 0, , .	2.9	1
16	Inexpensive Raft Arrays for Cell Patterning and Cloning. <i>Biophysical Journal</i> , 2012, 102, 717a.	0.5	0