

# Joon-Ho Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12012459/publications.pdf>

Version: 2024-02-01

10  
papers

265  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inertial blood plasma separation in a contraction-expansion array microchannel. Applied Physics Letters, 2011, 98, .	3.3	76
2	Electrochemical cell lysis device for DNA extraction. Lab on A Chip, 2010, 10, 626-633.	6.0	37
3	Bacterial DNA Sample Preparation from Whole Blood Using Surface-Modified Si Pillar Arrays. Analytical Chemistry, 2008, 80, 7786-7791.	6.5	33
4	Miniaturized bead-beating device to automate full DNA sample preparation processes for Gram-positive bacteria. Lab on A Chip, 2011, 11, 3649.	6.0	28
5	Rapid detection of bacterial cell from whole blood: Integration of DNA sample preparation into single micro-PCR chip. Sensors and Actuators B: Chemical, 2011, 154, 46-51.	7.8	28
6	Solid Phase DNA Extraction with a Flexible Bead-Packed Microfluidic Device to Detect Methicillin-Resistant <i>Staphylococcus aureus</i> in Nasal Swabs. Analytical Chemistry, 2012, 84, 7912-7918.	6.5	22
7	Functional integration of DNA purification and concentration into a real time micro-PCR chip. Lab on A Chip, 2011, 11, 259-265.	6.0	21
8	Low-cost polymer microfluidic device for on-chip extraction of bacterial DNA. Sensors and Actuators B: Chemical, 2011, 155, 422-429.	7.8	15
9	A PDMS membrane microvalve with one-dimensional line valve seat for robust microfluidics. Journal of Micromechanics and Microengineering, 2014, 24, 027002.	2.6	5
10	PDMS bonding to organically-modified solid surface using photocatalyst for fabricating low-cost plastic microchip. , 2010, , .		0