

# Bikas Vaidya

## List of Publications by Year in descending order

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9  
papers

621  
citations

1040056

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1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of polymer-based microfluidic devices. <i>Analytica Chimica Acta</i> , 2002, 470, 87-99.	5.4	154
2	Microarrays Assembled in Microfluidic Chips Fabricated from Poly(methyl methacrylate) for the Detection of Low-Abundant DNA Mutations. <i>Analytical Chemistry</i> , 2003, 75, 1130-1140.	6.5	145
3	Resist-Free Patterning of Surface Architectures in Polymer-Based Microanalytical Devices. <i>Journal of the American Chemical Society</i> , 2005, 127, 842-843.	13.7	117
4	Photochemically Patterned Poly(methyl methacrylate) Surfaces Used in the Fabrication of Microanalytical Devices. <i>Journal of Physical Chemistry B</i> , 2005, 109, 16988-16996.	2.6	83
5	Chromogenic and Fluorogenic Crown Ether Compounds for the Selective Extraction and Determination of Hg(II). <i>Analytical Chemistry</i> , 1995, 67, 4101-4111.	6.5	43
6	Surface modification and characterization of microfabricated poly(carbonate) devices: manipulation of electroosmotic flow. <i>Analyst, The</i> , 2002, 127, 1289-1292.	3.5	24
7	Selective Determination of Cadmium in Water Using a Chromogenic Crown Ether in a Mixed Micellar Solution. <i>Analytical Chemistry</i> , 1997, 69, 2688-2693.	6.5	21
8	Effects of Packing and Orientation on the Hydrolysis of Ester Monolayers on Gold. <i>Langmuir</i> , 2001, 17, 6569-6576.	3.5	19
9	Synthesis and characterization of a catechol-terminated alkanethiolate monolayer adsorbed on gold. <i>Journal of Electroanalytical Chemistry</i> , 2000, 482, 178-187.	3.8	15