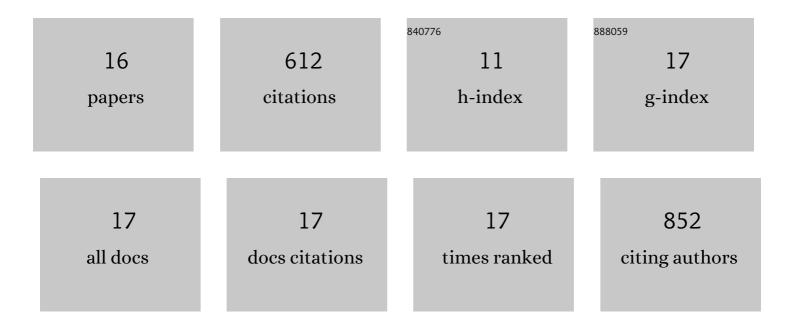
Dhanuka P Wasalathanthri

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Attomolar Detection of a Cancer Biomarker Protein in Serum by Surface Plasmon Resonance Using Superparamagnetic Particle Labels. Angewandte Chemie - International Edition, 2011, 50, 1175-1178.	13.8	179
2	Efficient Bioelectronic Actuation of the Natural Catalytic Pathway of Human Metabolic Cytochrome P450s. Journal of the American Chemical Society, 2011, 133, 1459-1465.	13.7	88
3	Technology outlook for realâ€time quality attribute and process parameter monitoring in biopharmaceutical development—A review. Biotechnology and Bioengineering, 2020, 117, 3182-3198.	3.3	87
4	Highly Efficient Binding of Paramagnetic Beads Bioconjugated with 100 000 or More Antibodies to Protein-Coated Surfaces. Analytical Chemistry, 2012, 84, 10485-10491.	6.5	48
5	Microfluidic Electrochemical Array for Detection of Reactive Metabolites Formed by Cytochrome P450 Enzymes. Analytical Chemistry, 2011, 83, 9499-9506.	6.5	32
6	Elucidating organ-specific metabolic toxicity chemistry from electrochemiluminescent enzyme/DNA arrays and bioreactor bead-LC-MS/MS. Chemical Science, 2015, 6, 2457-2468.	7.4	30
7	High-throughput metabolic genotoxicity screening with a fluidic microwell chip and electrochemiluminescence. Lab on A Chip, 2013, 13, 4554.	6.0	29
8	Realâ€time monitoring of quality attributes by inâ€line Fourier transform infrared spectroscopic sensors at ultrafiltration and diafiltration of bioprocess. Biotechnology and Bioengineering, 2020, 117, 3766-3774.	3.3	24
9	Thin multicomponent films for functional enzyme devices and bioreactor particles. Soft Matter, 2014, 10, 8145-8156.	2.7	22
10	Systematic assessment of process analytical technologies for biologics. Biotechnology and Bioengineering, 2022, 119, 423-434.	3.3	19
11	Screening reactive metabolites bioactivated by multiple enzyme pathways using a multiplexed microfluidic system. Analyst, The, 2013, 138, 171-178.	3.5	16
12	Electrochemical Activation of the Natural Catalytic Cycle of Cytochrome P450s in Human Liver Microsomes. Electroanalysis, 2012, 24, 2049-2052.	2.9	12
13	Online monitoring and control of upstream cell culture process using 1D and 2D‣C with SegFlow interface. Biotechnology and Bioengineering, 2021, 118, 3593-3603.	3.3	9
14	Process analytics 4.0: A paradigm shift in rapid analytics for biologics development. Biotechnology Progress, 2021, 37, e3177.	2.6	4
15	Nurturing connections to the environment. Science, 2018, 362, 886-888.	12.6	1
16	Challenging transitions. Science, 2019, 363, 24-26.	12.6	1