

Dhanuka P Wasalathanthri

List of Publications by Year in descending order

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16
papers

612
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840776

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888059

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17
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17
times ranked

852
citing authors

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