Takuya Miyano

List of Publications by Year
in descending order

13 papers	**196** citations	1307366 **7** h-index	1199470 **12** g-index
15 all docs	**15** docs citations	**15** times ranked	**224** citing authors

#	Article	IF	Citations
1	Anionic Amino Acid Dendrimerâˆ'Trastuzumab Conjugates for Specific Internalization in HER2-Positive Cancer Cells. Molecular Pharmaceutics, 2010, 7, 1318-1327.	2.3	55
2	Decision Support Method for the Choice between Batch and Continuous Technologies in Solid Drug Product Manufacturing. Industrial & Engineering Chemistry Research, 2018, 57, 9798-9809.	1.8	45
3	Verification of model development technique for NIR-based real-time monitoring of ingredient concentration during blending. International Journal of Pharmaceutics, 2014, 471, 264-275.	2.6	23
4	Establishment of a clinically relevant specification for dissolution testing using physiologically based pharmacokinetic (PBPK) modeling approaches. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 151, 45-52.	2.0	21
5	A mathematical model to identify optimal combinations of drug targets for dupilumab poor responders in atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 582-594.	2.7	16
6	Spectral fluctuation dividing for efficient wavenumber selection: Application to estimation of water and drug content in granules using near infrared spectroscopy. International Journal of Pharmaceutics, 2014, 475, 504-513.	2.6	10
7	Operationalizing Maintenance of Calibration Models Based on Near-Infrared Spectroscopy by Knowledge Integration. Journal of Pharmaceutical Innovation, 2015, 10, 287-301.	1.1	8
8	Model-Based Meta-Analysis to Optimize Staphylococcus aureusâ€'Targeted Therapies forÂAtopic Dermatitis. JID Innovations, 2022, 2, 100110.	1.2	5
9	Process Parameter Optimization based on LW-PLS in Pharmaceutical Granulation Processâˆ—âˆ—This work was partially supported by Japan Society for the Promotion of Science (JSPS), Grant-in-Aid for Scientific Research (C) 24560940.. IFAC-PapersOnLine, 2015, 48, 303-308.	0.5	4
10	Efficient wavenumber selection based on spectral fluctuation dividing and correlation-based clustering for calibration modeling. Chemometrics and Intelligent Laboratory Systems, 2015, 148, 85-94.	1.8	3
11	Scale-Free Soft Sensor for Monitoring of Water Content in Fluid Bed Granulation Process. Chemical and Pharmaceutical Bulletin, 2020, 68, 855-863.	0.6	3
12	Scientific rationale for sampling regimen and acceptance criteria of blend uniformity based on Monte Carlo simulation. Powder Technology, 2016, 301, 336-341.	2.1	1
13	Identification of keratinocyte subpopulations in transcriptome to evaluate drug effects in atopic dermatitis. British Journal of Dermatology, 2021, 184, 798-799.	1.4	0