

# Takuya Miyano

## List of Publications by Year in descending order

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13  
papers

196  
citations

1307366

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1199470

12  
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15  
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15  
docs citations

15  
times ranked

224  
citing authors

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