

# Sanghong Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1810817/publications.pdf>

Version: 2024-02-01

12  
papers

309  
citations

1684188

5  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of active pharmaceutical ingredients content using locally weighted partial least squares and statistical wavelength selection. International Journal of Pharmaceutics, 2011, 421, 269-274.	5.2	131
2	Long-Term Industrial Applications of Inferential Control Based on Just-In-Time Soft-Sensors: Economical Impact and Challenges. Industrial & Engineering Chemistry Research, 2013, 52, 12346-12356.	3.7	77
3	Evaluation of Infrared-Reflection Absorption Spectroscopy Measurement and Locally Weighted Partial Least-Squares for Rapid Analysis of Residual Drug Substances in Cleaning Processes. Analytical Chemistry, 2012, 84, 3820-3826.	6.5	50
4	A first-principle model of 300mm Czoehral ski single-crystal Si production process for predicting crystal radius and crystal growth rate. Journal of Crystal Growth, 2018, 492, 105-113.	1.5	27
5	Gray-box modeling of 300mm diameter Czoehral ski single-crystal Si production process. Journal of Crystal Growth, 2021, 553, 125929.	1.5	9
6	Input variable scaling for statistical modeling. Computers and Chemical Engineering, 2015, 74, 59-65.	3.8	5
7	Database Management Method Based on Strength of Nonlinearity for Locally Weighted Linear Regression. Journal of Chemical Engineering of Japan, 2019, 52, 554-561.	0.6	5
8	Gray-box model-based predictive control of Czoehral ski process. Journal of Crystal Growth, 2021, 573, 126299.	1.5	3
9	Optimization of nonlinear multi-stage process with characteristic changes through locally-weighted partial least squares. , 2015, , .		1
10	Inferential Control of a Distillation Column through the Successive Update of the Soft-sensor and Control Algorithm. Journal of Chemical Engineering of Japan, 2021, 54, 395-405.	0.6	1
11	Modified joint-Y PLS model for integrated use of data from similar plants. , 2017, , .		0
12	Gray-Box Model-Based Predictive Control of Czoehral ski Process with Successive Model Update. Journal of Chemical Engineering of Japan, 2022, 55, 154-161.	0.6	0