

# Xiaoxiang Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2446715/publications.pdf>

Version: 2024-02-01

7  
papers

203  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of Crystal Shape through Deep Temperature Cycling. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 5325-5336.	3.7	59
2	A mechanistic model for drug release in PLGA biodegradable stent coatings coupled with polymer degradation and erosion. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2269-2279.	4.0	59
3	Modelling intravascular delivery from drug-eluting stents with biodegradable coating: investigation of anisotropic vascular drug diffusivity and arterial drug distribution. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 187-198.	1.6	31
4	Nonlinear Model-Based Control of Thin-Film Drying for Continuous Pharmaceutical Manufacturing. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 7447-7460.	3.7	20
5	Modeling and Analysis of Drug-Eluting Stents With Biodegradable PLGA Coating: Consequences on Intravascular Drug Delivery. <i>Journal of Biomechanical Engineering</i> , 2014, 136, .	1.3	19
6	Mechanistic model of $\text{pH}$ and excipient concentration during ultrafiltration and diafiltration processes of therapeutic antibodies. <i>Biotechnology Progress</i> , 2020, 36, e2993.	2.6	13
7	Kinetics and Modeling of Vinyl Acetate Graft Polymerization from Poly(ethylene glycol). <i>Macromolecular Reaction Engineering</i> , 2008, 2, 321-333.	1.5	2