

# Prakash Sundaramurthi

## List of Publications by Year in descending order

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15  
papers

473  
citations

687220

13  
h-index

996849

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical stability of pembrolizumab admixture solution in normal saline intravenous infusion bag. <i>Journal of Oncology Pharmacy Practice</i> , 2020, 26, 641-646.	0.5	11
2	Azithromycin Hydratesâ€”Implications of Processingâ€”Induced Phase Transformations. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3095-3106.	1.6	13
3	Physical Characterization of Pentamidine Isethionate during Freeze-Dryingâ€”Relevance to development of Stable Lyophilized Product. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1732-1743.	1.6	8
4	Calorimetry and complementary techniques to characterize frozen and freeze-dried systems. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 384-395.	6.6	22
5	Thermophysical Properties of Carboxylic and Amino Acid Buffers at Subzero Temperatures: Relevance to Frozen State Stabilization. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7154-7164.	1.2	23
6	The Effect of Crystallizing and Non-crystallizing Cosolutes on Succinate Buffer Crystallization and the Consequent pH Shift in Frozen Solutions. <i>Pharmaceutical Research</i> , 2011, 28, 374-385.	1.7	33
7	Predicting the Crystallization Propensity of Carboxylic Acid Buffers in Frozen Systemsâ€”Relevance to Freeze-Drying. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1288-1293.	1.6	16
8	Influence of Crystallizing and Non-crystallizing Cosolutes on Trehalose Crystallization During Freeze-Drying. <i>Pharmaceutical Research</i> , 2010, 27, 2384-2393.	1.7	45
9	Crystallization of Trehalose in Frozen Solutions and its Phase Behavior during Drying. <i>Pharmaceutical Research</i> , 2010, 27, 2374-2383.	1.7	53
10	â€œpH Swingâ€”in Frozen Solutionsâ€”Consequence of Sequential Crystallization of Buffer Components. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 265-268.	2.1	54
11	Trehalose Crystallization During Freeze-Drying: Implications On Lyoprotection. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 510-514.	2.1	70
12	Calorimetric and Diffractometric Evidence for the Sequential Crystallization of Buffer Components and the Consequential pH Swing in Frozen Solutions. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4915-4923.	1.2	34
13	Phase Transitions in Frozen Systems and During Freezeâ€”Drying: Quantification Using Synchrotron X-Ray Diffractometry. <i>Pharmaceutical Research</i> , 2009, 26, 1596-1606.	1.7	23
14	Glycine Crystallization in Frozen and Freeze-dried Systems: Effect of pH and Buffer Concentration. <i>Pharmaceutical Research</i> , 2007, 24, 593-604.	1.7	53
15	Bioavailability Enhancement of Poorly Water Soluble and Weakly Acidic New Chemical Entity with 2-Hydroxy Propyl-Î²-Cyclodextrin: Selection of Meglumine, a Polyhydroxy Base, as a Novel Ternary Component. <i>Pharmaceutical Development and Technology</i> , 2006, 11, 443-451.	1.1	15