

Susan A Barker

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

192
citations

8
h-index

11
g-index

11
ext. papers

226
ext. citations

5.2
avg. IF

3.17
L-index

#	Paper	IF	Citations
11	Plasticization of zein: a thermomechanical, FTIR, and dielectric study. <i>Biomacromolecules</i> , 2009 , 10, 1135-1149	6.9	67
10	Characterization and quantification of amorphous material in milled and spray-dried salbutamol sulfate: a comparison of thermal, spectroscopic, and water vapor sorption approaches. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3114-3129	3.9	27
9	In vitro drug release from acetylated high amylose starch-zein films for oral colon-specific drug delivery. <i>International Journal of Pharmaceutics</i> , 2019 , 556, 311-319	6.5	26
8	Dual drug-loaded coaxial nanofibers for the treatment of corneal abrasion. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119296	6.5	17
7	Microfibrinous Solid Dispersions of Poorly Water-Soluble Drugs Produced via Centrifugal Spinning: Unexpected Dissolution Behavior on Recrystallization. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1666-1680	5.6	11
6	Design and Characterization of Cyclosporine A-Loaded Nanofibers for Enhanced Drug Dissolution. <i>ACS Omega</i> , 2020 , 5, 1003-1013	3.9	10
5	Plant-expressed Hepatitis B core antigen virus-like particles: Characterization and investigation of their stability in simulated and pig gastro-intestinal fluids. <i>International Journal of Pharmaceutics</i> , 2017 , 522, 147-156	6.5	9
4	An investigation into the low temperature thermal behaviour of vitamin E preparation USP using differential scanning calorimetry and low frequency dielectric analysis. <i>Journal of Pharmacy and Pharmacology</i> , 2000 , 52, 941-7	4.8	8
3	Generation and Characterization of Standardized Forms of Trehalose Dihydrate and Their Associated Solid-State Behavior. <i>Crystal Growth and Design</i> , 2014 , 14, 4955-4967	3.5	7
2	Thermal Analysis Dielectric Techniques 187-206		7
1	The assessment of the relaxation behaviour of frozen aqueous solutions of human serum albumin and polyvinylpyrrolidone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 57, 431-9	5.7	3