

# Piotr P Kulinowski

## List of Publications by Year in descending order

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35  
papers

651  
citations

516710

16  
h-index

580821

25  
g-index

35  
all docs

35  
docs citations

35  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Composite, Reinforced, Highly Drug-Loaded Pharmaceutical Printlets Manufactured by Selective Laser Sinteringâ€”In Search of Relevant Excipients for Pharmaceutical 3D Printing. <i>Materials</i> , 2022, 15, 2142.	2.9	18
2	Selective laser sintering (SLS) technique for pharmaceutical applicationsâ€”Development of high dose controlled release printlets. <i>Additive Manufacturing</i> , 2021, 38, 101761.	3.0	16
3	Spatiotemporal Analysis of Hydration Mechanism in Sodium Alginate Matrix Tablets. <i>Materials</i> , 2021, 14, 646.	2.9	5
4	Poly(Vinyl Alcohol) Cryogel Membranes Loaded with Resveratrol as Potential Active Wound Dressings. <i>AAPS PharmSciTech</i> , 2021, 22, 109.	3.3	18
5	Development of physiologically based pharmacokinetic model for the immediate release ropinirole tablets. <i>Acta Poloniae Pharmaceutica</i> , 2021, 78, 317-328.	0.1	0
6	Hydration Patterns in Sodium Alginate Polymeric Matrix Tabletsâ€”The Result of Drug Substance Incorporation. <i>Materials</i> , 2021, 14, 6531.	2.9	4
7	In Vitro Wound Dressing Stack Model as a First Step to Evaluate the Behavior of Dressing Materials in Wound Bedâ€”An Assessment of Mass Transport Phenomena in Hydrogel Wound Dressings. <i>Materials</i> , 2021, 14, 7702.	2.9	1
8	Investigation of fine-grained siliciclastic rocks of different clay content using thermal methods. <i>Journal of Petroleum Science and Engineering</i> , 2020, 184, 106531.	4.2	2
9	An Inhalable Theranostic System for Local Tuberculosis Treatment Containing an Isoniazid Loaded Metal Organic Framework Fe-MIL-101-NH <sub>2</sub> â€”From Raw MOF to Drug Delivery System. <i>Pharmaceutics</i> , 2019, 11, 687.	4.5	42
10	Spatiotemporal characterization of hydration process of asymmetric polymeric wound dressings for decubitus ulcers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 843-853.	3.4	2
11	Melts of Octaacetyl Sucrose as Oral-Modified Release Dosage Forms for Delivery of Poorly Soluble Compound in Stable Amorphous Form. <i>AAPS PharmSciTech</i> , 2018, 19, 951-960.	3.3	3
12	Iron-Based Metal-Organic Frameworks as a Theranostic Carrier for Local Tuberculosis Therapy. <i>Pharmaceutical Research</i> , 2018, 35, 144.	3.5	51
13	3D Printing for Fast Prototyping of Pharmaceutical Dissolution Testing Equipment for Nonstandard Applications. <i>Dissolution Technologies</i> , 2018, 25, 48-53.	0.6	3
14	Comparative Analysis of Microbicidal and Anti-inflammatory Properties of Novel Taurine Bromamine Derivatives and Bromamine T. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 1, 515-534.	1.6	9
15	Zastosowanie metod analizy termicznej w badaniach skaÅ, silikoklastycznych oÂzr <sup>3</sup> Å <sup>1</sup> / <sub>4</sub> nicowanym zaileniu. Táºjp ChÃY HÃ«e DÃ± PhÃng = <i>Journal of Preventive Medicine</i> , 2017, 73, 479-487.	0.0	3
16	Multimodal approach to characterization of hydrophilic matrices manufactured by wet and dry granulation or direct compression methods. <i>International Journal of Pharmaceutics</i> , 2016, 499, 263-270.	5.2	17
17	The Relationship Between the Evolution of an Internal Structure and Drug Dissolution from Controlled-Release Matrix Tablets. <i>AAPS PharmSciTech</i> , 2016, 17, 735-742.	3.3	15
18	An understanding of modified release matrix tablets behavior during drug dissolution as the key for prediction of pharmaceutical product performance â€” case study of multimodal characterization of quetiapine fumarate tablets. <i>International Journal of Pharmaceutics</i> , 2015, 484, 235-245.	5.2	22

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19	Geometry of modified release formulations during dissolutionâ€”Influence on performance of dosage forms with diclofenac sodium. International Journal of Pharmaceutics, 2014, 477, 57-63.	5.2	9
20	Magnetic Resonance Microscopy for Assessment of Morphological Changes in Hydrating Hydroxypropylmethylcellulose Matrix Tablets In Situâ€”Is it Possible to Detect Phenomena Related to Drug Dissolution Within the Hydrated Matrices?. Pharmaceutical Research, 2014, 31, 2383-2392.	3.5	21
21	Novel method for screening of enteric film coatings properties with magnetic resonance imaging. International Journal of Pharmaceutics, 2013, 456, 569-571.	5.2	10
22	Magnetic Resonance Microscopy for Assessment of Morphological Changes in Hydrating Hydroxypropylmethyl Cellulose Matrix Tablets In Situ. Pharmaceutical Research, 2012, 29, 3420-3433.	3.5	22
23	MRI as a tool for evaluation of oral controlled release dosage forms. Drug Discovery Today, 2012, 17, 110-123.	6.4	24
24	KinetDS: An Open Source Software for Dissolution Test Data Analysis. Dissolution Technologies, 2012, 19, 6-11.	0.6	94
25	Magnetic Resonance Imaging and Image Analysis for Assessment of HPMC Matrix Tablets Structural Evolution in USP Apparatus 4. Pharmaceutical Research, 2011, 28, 1065-1073.	3.5	39
26	Gastroretentive drug delivery systems with l-dopa based on carrageenans and hydroxypropylmethylcellulose. International Journal of Pharmaceutics, 2011, 404, 169-175.	5.2	32
27	Novel Application of MRI Technique Combined with Flow-Through Cell Dissolution Apparatus as Supportive Discriminatory Test for Evaluation of Controlled Release Formulations. AAPS PharmSciTech, 2010, 11, 588-597.	3.3	18
28	Phosphocreatine recovery overshoot after high intensity exercise in human skeletal muscle is associated with extensive muscle acidification and a significant decrease in phosphorylation potential. Journal of Physiological Sciences, 2010, 60, 331-341.	2.1	11
29	An integrated system for dissolution studies and magnetic resonance imaging of controlled release, polymer-based dosage formsâ€”A tool for quantitative assessment of hydrogel formation processes. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 685-693.	2.8	30
30	Development of a system for simultaneous dissolution studies and magnetic resonance imaging of water transport in hydrodynamically balanced systems: A technical note. AAPS PharmSciTech, 2007, 8, E109-E112.	3.3	27
31	Magnetic Resonance Imaging Analysis of Moving Fronts in Floating Dosage Forms. Acta Physica Polonica A, 2005, 108, 155-160.	0.5	5
32	Analysis of the diffusion weighted MR microscopy data of excised spinal cord of a rat on the basis of the model of restricted diffusion. Solid State Nuclear Magnetic Resonance, 2004, 25, 88-93.	2.3	10
33	The Macromolecular Polymers for the Preparation of Hydrodynamically Balanced Systemsâ€”Methods of Evaluation. Drug Development and Industrial Pharmacy, 2004, 30, 947-957.	2.0	51
34	Tablet disintegration monitored by magnetic resonance imaging. Applied Magnetic Resonance, 2002, 22, 23-29.	1.2	7
35	Magnetic resonance microscopy of internal structure of drone and queen honey bees. Journal of Apicultural Research, 1996, 35, 3-9.	1.5	10