

Joshua S Boateng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5415893/joshua-s-boateng-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

82

papers

4,698

citations

29

h-index

68

g-index

85

ext. papers

5,417

ext. citations

5.1

avg, IF

6.16

L-index

#	Paper	IF	Citations
82	Wound healing dressings and drug delivery systems: a review. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 2892-923	3.9	1792
81	Advanced Therapeutic Dressings for Effective Wound Healing--A Review. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 3653-3680	3.9	441
80	3D printed microneedles for insulin skin delivery. <i>International Journal of Pharmaceutics</i> , 2018 , 544, 425-432	6.5	149
79	Polyox and carrageenan based composite film dressing containing anti-microbial and anti-inflammatory drugs for effective wound healing. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 181-91	6.5	149
78	A review of hot-melt extrusion: process technology to pharmaceutical products. <i>ISRN Pharmaceutics</i> , 2012 , 2012, 436763		113
77	Taste masking of paracetamol by hot-melt extrusion: an in vitro and in vivo evaluation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 433-42	5.7	112
76	Development and characterisation of chitosan films impregnated with insulin loaded PEG-b-PLA nanoparticles (NPs): a potential approach for buccal delivery of macromolecules. <i>International Journal of Pharmaceutics</i> , 2012 , 428, 143-51	6.5	105
75	Preparation, optimisation and characterisation of novel wound healing film dressings loaded with streptomycin and diclofenac. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 102, 102-10	6	105
74	Composite alginate and gelatin based bio-polymeric wafers containing silver sulfadiazine for wound healing. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 63-71	7.9	89
73	Characterisation of freeze-dried wafers and solvent evaporated films as potential drug delivery systems to mucosal surfaces. <i>International Journal of Pharmaceutics</i> , 2010 , 389, 24-31	6.5	88
72	An integrated buccal delivery system combining chitosan films impregnated with peptide loaded PEG-b-PLA nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 112, 9-15	6	76
71	Development and mechanical characterization of solvent-cast polymeric films as potential drug delivery systems to mucosal surfaces. <i>Drug Development and Industrial Pharmacy</i> , 2009 , 35, 986-96	3.6	76
70	Development and physico-mechanical characterisation of lyophilised chitosan wafers as potential protein drug delivery systems via the buccal mucosa. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 91, 258-65	6	73
69	Multifunctional medicated lyophilised wafer dressing for effective chronic wound healing. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 1720-33	3.9	58
68	3D printed chitosan dressing crosslinked with genipin for potential healing of chronic wounds. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 406-415	6.5	57
67	Development and functional characterization of alginate dressing as potential protein delivery system for wound healing. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 137-50	7.9	55
66	In vitro drug release studies of polymeric freeze-dried wafers and solvent-cast films using paracetamol as a model soluble drug. <i>International Journal of Pharmaceutics</i> , 2009 , 378, 66-72	6.5	55

65	The effect of pH and ionic strength of dissolution media on in-vitro release of two model drugs of different solubilities from HPMC matrices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 384-91	6	49
64	Novel films for drug delivery via the buccal mucosa using model soluble and insoluble drugs. <i>Drug Development and Industrial Pharmacy</i> , 2012 , 38, 1207-20	3.6	49
63	A review on the taste masking of bitter APIs: hot-melt extrusion (HME) evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 145-56	3.6	48
62	Preparation and optimization of PMAA-chitosan-PEG nanoparticles for oral drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 90, 102-8	6	48
61	Lyophilized wafers comprising carrageenan and pluronic acid for buccal drug delivery using model soluble and insoluble drugs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 99-106	6	42
60	Advanced multi-targeted composite biomaterial dressing for pain and infection control in chronic leg ulcers. <i>Carbohydrate Polymers</i> , 2017 , 172, 40-48	10.3	39
59	Formation of stable nanoemulsions by ultrasound-assisted two-step emulsification process for topical drug delivery: Effect of oil phase composition and surfactant concentration and loratadine as ripening inhibitor. <i>International Journal of Pharmaceutics</i> , 2020 , 576, 118952	6.5	38
58	Development and physico-mechanical characterization of carrageenan and poloxamer-based lyophilized matrix as a potential buccal drug delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 361-9	3.6	33
57	In vitro characterisation of chitosan based xerogels for potential buccal delivery of proteins. <i>Carbohydrate Polymers</i> , 2012 , 89, 935-41	10.3	33
56	Ciprofloxacin-loaded calcium alginate wafers prepared by freeze-drying technique for potential healing of chronic diabetic foot ulcers. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1751-1768	6.2	32
55	Composite HPMC and sodium alginate based buccal formulations for nicotine replacement therapy. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 31-44	7.9	30
54	Composite Alginate-Hyaluronan Sponges for the Delivery of Tranexamic Acid in Postextractive Alveolar Wounds. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 654-661	3.9	30
53	Comparing the Antibacterial and Functional Properties of Cameroonian and Manuka Honeys for Potential Wound Healing-Have We Come Full Cycle in Dealing with Antibiotic Resistance?. <i>Molecules</i> , 2015 , 20, 16068-84	4.8	29
52	Systematic comparison of the functional physico-chemical characteristics and biocidal activity of microbial derived biosurfactants on blood-derived and breast cancer cells. <i>Journal of Colloid and Interface Science</i> , 2016 , 479, 221-233	9.3	28
51	Preparation and characterization of laminated thiolated chitosan-based freeze-dried wafers for potential buccal delivery of macromolecules. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 611-8	3.6	27
50	Nicotine stabilization in composite sodium alginate based wafers and films for nicotine replacement therapy. <i>Carbohydrate Polymers</i> , 2017 , 155, 78-88	10.3	26
49	Formulation, characterisation and stabilisation of buccal films for paediatric drug delivery of omeprazole. <i>AAPS PharmSciTech</i> , 2015 , 16, 800-10	3.9	26
48	Comparison of the in vitro release characteristics of mucosal freeze-dried wafers and solvent-cast films containing an insoluble drug. <i>Drug Development and Industrial Pharmacy</i> , 2012 , 38, 47-54	3.6	26

47	Functional characterisation and permeation studies of lyophilised thiolated chitosan xerogels for buccal delivery of insulin. <i>Protein and Peptide Letters</i> , 2014 , 21, 1163-75	1.9	24
46	Evaluation of Clay-Functionalized Wafers and Films for Nicotine Replacement Therapy via Buccal Mucosa. <i>Pharmaceutics</i> , 2019 , 11,	6.4	23
45	Functional physico-chemical, ex vivo permeation and cell viability characterization of omeprazole loaded buccal films for paediatric drug delivery. <i>International Journal of Pharmaceutics</i> , 2016 , 500, 217-26	6.5	23
44	Effect of membrane dialysis on characteristics of lyophilised chitosan wafers for potential buccal delivery of proteins. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 905-9	7.9	23
43	Development and evaluation of performance characteristics of timolol-loaded composite ocular films as potential delivery platforms for treatment of glaucoma. <i>International Journal of Pharmaceutics</i> , 2019 , 566, 111-125	6.5	22
42	Calcium alginate-based antimicrobial film dressings for potential healing of infected foot ulcers. <i>Therapeutic Delivery</i> , 2018 , 9, 185-204	3.8	22
41	Improving drug loading of mucosal solvent cast films using a combination of hydrophilic polymers with amoxicillin and paracetamol as model drugs. <i>BioMed Research International</i> , 2013 , 2013, 198137	3	21
40	Drug Delivery Innovations to Address Global Health Challenges for Pediatric and Geriatric Populations (Through Improvements in Patient Compliance). <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 3188-3198	3.9	20
39	Formulation Development of a Carrageenan Based Delivery System for Buccal Drug Delivery Using Ibuprofen as a Model Drug. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2011 , 02, 582-595	1	19
38	Bioprinting and Preliminary Testing of Highly Reproducible Novel Bioink for Potential Skin Regeneration. <i>Pharmaceutics</i> , 2020 , 12,	6.4	18
37	Composite bi-layered erodible films for potential ocular drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 353-361	6	18
36	The Place of Biomaterials in Wound Healing 2020 , 337-366		17
35	Silver and Silver Nanoparticle-Based Antimicrobial Dressings 2020 , 157-184		17
34	Wound dressings as growth factor delivery platforms for chronic wound healing. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 737-759	8	17
33	Polysaccharide Based Formulations for Mucosal Drug Delivery: A Review. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4798-821	3.3	14
32	Antimicrobial Dressings for Improving Wound Healing 2016 ,		14
31	Evaluation of in vitro wound adhesion characteristics of composite film and wafer based dressings using texture analysis and FTIR spectroscopy: a chemometrics factor analysis approach. <i>RSC Advances</i> , 2015 , 5, 107064-107075	3.7	13
30	Composite Biopolymer-Based Wafer Dressings Loaded with Microbial Biosurfactants for Potential Application in Chronic Wounds. <i>Polymers</i> , 2018 , 10,	4.5	13

29	Oral thin films as a remedy for noncompliance in pediatric and geriatric patients. <i>Therapeutic Delivery</i> , 2019 , 10, 443-464	3.8	11
28	Comparison of in vitro antibacterial activity of streptomycin-diclofenac loaded composite biomaterial dressings with commercial silver based antimicrobial wound dressings. <i>International Journal of Biological Macromolecules</i> , 2019 , 121, 191-199	7.9	11
27	Development and functional characterization of composite freeze dried wafers for potential delivery of low dose aspirin for elderly people with dysphagia. <i>International Journal of Pharmaceutics</i> , 2018 , 553, 65-83	6.5	9
26	Effects of Cyclodextrins (β and γ) and L-Arginine on Stability and Functional Properties of Mucoadhesive Buccal Films Loaded with Omeprazole for Pediatric Patients. <i>Polymers</i> , 2018 , 10,	4.5	8
25	Chitosan-based films for the sustained release of peptides: a new era in buccal delivery?. <i>Therapeutic Delivery</i> , 2014 , 5, 497-500	3.8	7
24	Comparison and process optimization of PLGA, chitosan and silica nanoparticles for potential oral vaccine delivery. <i>Therapeutic Delivery</i> , 2019 , 10, 493-514	3.8	6
23	Electrospinning Technologies in Wound Dressing Applications 2020 , 315-336		6
22	Conversion of sustained release omeprazole loaded buccal films into fast dissolving strips using supercritical carbon dioxide (scCO ₂) processing, for potential paediatric drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 45-55	5.1	6
21	Local Delivery of Growth Factors Using Wound Dressings 2020 , 291-314		5
20	Surface Modification of Mobile Composition of Matter (MCM)-41 Type Silica Nanoparticles for Potential Oral Mucosa Vaccine Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2271-2283	3.9	5
19	Molecular mobility of hydroxyethyl cellulose (HEC) films characterised by thermally stimulated currents (TSC) spectroscopy. <i>International Journal of Pharmaceutics</i> , 2016 , 497, 222-7	6.5	5
18	A proteomic approach combining MS and bioinformatic analysis for the detection and identification of biomarkers of administration of exogenous human growth hormone in humans. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 912-22	3.1	5
17	Medicated multi-targeted alginate-based dressings for potential treatment of mixed bacterial-fungal infections in diabetic foot ulcers. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120903	6.5	5
16	Enhancing Stability and Mucoadhesive Properties of Chitosan Nanoparticles by Surface Modification with Sodium Alginate and Polyethylene Glycol for Potential Oral Mucosa Vaccine Delivery.. <i>Marine Drugs</i> , 2022 , 20,	6	5
15	3D Printed Scaffolds for Wound Healing and Tissue Regeneration 2020 , 385-398		4
14	Development and characterisation of sodium alginate and HPMC films for mucosal drug delivery. <i>International Journal of Biotechnology</i> , 2010 , 11, 169	0	4
13	Physicochemical characteristics and permeation of loratadine solid lipid nanoparticles for transdermal delivery. <i>Therapeutic Delivery</i> , 2020 , 11, 685-700	3.8	4
12	Development and optimization of ketoconazole oral strips by means of continuous hot-melt extrusion processing. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 890-900	4.8	4

11	Glassy state molecular mobility and its relationship to the physico-mechanical properties of plasticized hydroxypropyl methylcellulose (HPMC) films. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100033	3.2	3
10	In vitro, ex vivo and in vivo evaluation of taste masked low dose acetylsalicylic acid loaded composite wafers as platforms for buccal administration in geriatric patients with dysphagia. <i>International Journal of Pharmaceutics</i> , 2020 , 589, 119807	6.5	3
9	A Preliminary Study of Pain Relieving Dressings for Older Adults With Chronic Leg Ulcers From the Provider's Perspective: A Qualitative Study. <i>Journal of Pain and Palliative Care Pharmacotherapy</i> , 2018 , 32, 71-81	0.8	3
8	Treatment of Mixed Infections in Wounds 2020 , 91-113		3
7	Freeze-Dried Wafers for Wound Healing 2020 , 137-155		2
6	Honey in Wound Healing 2020 , 235-254		2
5	Chitosan 2014 , 233-254		2
4	Determination of homocysteine in human saliva by liquid chromatography and electrospray ionization quadrupole time-of-flight mass spectrometry: profiles in healthy adults. <i>Protein and Peptide Letters</i> , 2013 , 20, 1382-9	1.9	2
3	Hydrogel Dressings 2020 , 185-207		2
2	The Challenges and Knowledge Gaps in Malaria Therapy: A Stakeholder Approach to Improving Oral Quinine Use in the Treatment of Childhood Malaria in Ghana. <i>Journal of Pharmaceutics</i> , 2018 , 2018, 1784645	2	1
1	Bioadhesion Properties of Polymeric Films Produced by Hot-Melt Extrusion 2012 , 177-199		