

Kofi Asare-Addo

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,168
citations

331259

21
h-index

433756

31
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67
all docs

67
docs citations

67
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative topical niosomal gel formulation containing diclofenac sodium (niofenac). Journal of Drug Targeting, 2022, 30, 108-117.	2.1	15
2	An updated review of folate-functionalized nanocarriers: A promising ligand in cancer. Drug Discovery Today, 2022, 27, 471-489.	3.2	38
3	Loading <i>Pistacia atlantica</i> essential oil in solid lipid nanoparticles and its effect on apoptosis of breast cancer cell line MDA-MB-231. Pharmaceutical Development and Technology, 2022, 27, 63-71.	1.1	9
4	Atorvastatin Entrapped Niosome (Atrosome): Green Preparation Approach for Wound Healing. AAPS PharmSciTech, 2022, 23, 81.	1.5	6
5	Solubility Study of Acetylsalicylic Acid in Ethanol + Water Mixtures: Measurement, Mathematical Modeling, and Stability Discussion. AAPS PharmSciTech, 2022, 23, 42.	1.5	5
6	Dry Powder Formulation of Simvastatin Nanoparticles for Potential Application in Pulmonary Arterial Hypertension. Pharmaceutics, 2022, 14, 895.	2.0	13
7	An overview of guided tissue regeneration (GTR) systems designed and developed as drug carriers for management of periodontitis. Journal of Drug Delivery Science and Technology, 2022, 71, 103341.	1.4	7
8	Solid lipid nanoparticles and nanostructured lipid carriers: a review of the methods of manufacture and routes of administration. Pharmaceutical Development and Technology, 2022, 27, 525-544.	1.1	32
9	Freeze-dried crystalline dispersions: Solid-state, triboelectrification and simultaneous dissolution improvements. Journal of Drug Delivery Science and Technology, 2021, 61, 102173.	1.4	4
10	An investigation of drug compact topography as relates to intrinsic dissolution rates determined by dissolution imaging. Journal of Drug Delivery Science and Technology, 2021, 61, 102143.	1.4	1
11	Liqui-Tablet: the Innovative Oral Dosage Form Using the Newly Developed Liqui-Mass Technology. AAPS PharmSciTech, 2021, 22, 85.	1.5	3
12	Magnesium Aluminium Silicate-Metformin Hydrochloride Complexes - The Use of Isothermal Calorimetry for Probing Clay and Drug Nanocomplexations. Current Drug Delivery, 2021, 18, 1280-1291.	0.8	0
13	Polyvinyl Alcohol/Chitosan Single-Layered and Polyvinyl Alcohol/Chitosan/Eudragit RL100 Multi-layered Electrospun Nanofibers as an Ocular Matrix for the Controlled Release of Ofloxacin: an In Vitro and In Vivo Evaluation. AAPS PharmSciTech, 2021, 22, 170.	1.5	44
14	Encapsulation of bacteriophage cocktail into chitosan for the treatment of bacterial diarrhea. Scientific Reports, 2021, 11, 15603.	1.6	25
15	Metronidazole- and Amoxicillin-Loaded PLGA and PCL Nanofibers as Potential Drug Delivery Systems for the Treatment of Periodontitis: In Vitro and In Vivo Evaluations. Biomedicines, 2021, 9, 975.	1.4	27
16	Application of UV dissolution imaging to pharmaceutical systems. Advanced Drug Delivery Reviews, 2021, 177, 113949.	6.6	9
17	Rapid releasing naproxen Liqui-Pellet using effervescent agent and neusilin US2. Iranian Journal of Basic Medical Sciences, 2021, 24, 108-115.	1.0	3
18	The use of visible and UV dissolution imaging for the assessment of propranolol hydrochloride in lquisolid compacts of Sesamum radiatum gum. Journal of Drug Delivery Science and Technology, 2020, 56, 101511.	1.4	9

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19	Thermodynamics of clay-drug complex dispersions: Isothermal titration calorimetry and high-performance liquid chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 78-85.	2.4	4
20	Imaging of the Effect of Alcohol-Containing Media on the Performance of Hypromellose Hydrophilic Matrix Tablets: Comparison of Direct Compression and Regular Grades of Polymer. <i>Pharmaceutics</i> , 2020, 12, 889.	2.0	4
21	A molecular understanding of magnesium aluminium silicate-drug, drug-polymer, magnesium aluminium silicate-polymer nanocomposite complex interactions in modulating drug release: Towards zero order release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 270-282.	2.0	4
22	Drug release from magnesium aluminium silicate-polyethylene oxide (PEO) nanocomposite matrices: An investigation using the USP III apparatus. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105474.	1.9	5
23	Application of Focus Variation Microscopy and Dissolution Imaging in Understanding the Behaviour of Hydrophilic Matrices. <i>Pharmaceutics</i> , 2020, 12, 1162.	2.0	2
24	Lectin Protein as a Promising Component to Functionalize Micelles, Liposomes and Lipid NPs against Coronavirus. <i>Biomedicines</i> , 2020, 8, 580.	1.4	17
25	Use of thermodynamics in understanding drug release from xanthan gum matrices: The influence of clay-drug complexes. <i>Carbohydrate Polymer Technologies and Applications</i> , 2020, 1, 100012.	1.6	2
26	An investigation into the use of low quantities of functional additives to control drug release from hot melt extruded solid dispersions for poorly soluble drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119172.	2.6	14
27	Mechanical and release behaviour of theophylline from matrix tablets containing psyllium powder in combination with grewia polysaccharides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110809.	2.5	4
28	Design and development of a novel fused filament fabrication (FFF) 3D printed diffusion cell with UV imaging capabilities to characterise permeation in pharmaceutical formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 152, 202-209.	2.0	4
29	A predictive integrated framework based on the radial basis function for the modelling of the flow of pharmaceutical powders. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118542.	2.6	14
30	Hot-melt extrusion process impact on polymer choice of glyburide solid dispersions: The effect of wettability and dissolution. <i>International Journal of Pharmaceutics</i> , 2019, 559, 245-254.	2.6	24
31	Development of a novel method utilising dissolution imaging for the measurement of swelling behaviour in hydrophilic matrices. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100013.	1.2	8
32	Effect of preparation method on the surface properties and UV imaging of indomethacin solid dispersions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 148-163.	2.0	15
33	Real time calorimetric characterisation of clay-drug complex dispersions and particles. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100003.	1.2	2
34	Effect of pregelatinization and carboxymethylation on starches from African rice and Fonio: Influence on release of low melting-point drug Starch modifications for drug release. <i>British Journal of Pharmacy</i> , 2019, 4, .	0.1	0
35	Hydro-alcoholic media effects on theophylline release from sesamum polysaccharide gum matrices. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 251-260.	0.9	5
36	Direct imaging of the dissolution of salt forms of a carboxylic acid drug. <i>International Journal of Pharmaceutics</i> , 2018, 551, 290-299.	2.6	15

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37	Evaluating the swelling, erosion, and compaction properties of cellulose ethers. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 183-197.	1.1	9
38	Solid state and dissolution behaviour of a low melting point drug in co-milled mixtures of <i>Sesamum radiatum</i> gum. <i>British Journal of Pharmacy</i> , 2018, 3, .	0.1	0
39	The use of various organic solvents to tailor the properties of ibuprofen-glucosamine HCl solid dispersions. <i>Chemical Engineering Research and Design</i> , 2017, 117, 509-519.	2.7	4
40	Crystal Packing Arrangement, Chain Conformation, and Physicochemical Properties of Gemfibrozil Amine Salts. <i>Crystal Growth and Design</i> , 2017, 17, 3743-3750.	1.4	9
41	The influence of hydroalcoholic media on the performance of <i>Grewia</i> polysaccharide in sustained release tablets. <i>International Journal of Pharmaceutics</i> , 2017, 532, 352-364.	2.6	17
42	Variable-focus microscopy and UV surface dissolution imaging as complementary techniques in intrinsic dissolution rate determination. <i>International Journal of Pharmaceutics</i> , 2017, 530, 139-144.	2.6	14
43	Chapter 2 Solubility Determinations for Pharmaceutical API. , 2017, , 19-84.		0
44	Spironolactone loaded nanostructured lipid carrier gel for effective treatment of mild and moderate acne vulgaris: A randomized, double-blind, prospective trial. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 47-53.	2.5	42
45	Solid-state, triboelectrostatic and dissolution characteristics of spray-dried piroxicam-glucosamine solid dispersions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 841-851.	2.5	18
46	Effect of solvent on retarding the release of diltiazem HCl from Polyox-based liquisolid tablets. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1396-1402.	1.2	11
47	The design of naproxen solid lipid nanoparticles to target skin layers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 626-633.	2.5	53
48	Drug release from E chemistry hypromellose tablets using the Bio-Dis USP type III apparatus: An evaluation of the effect of systematic agitation and ionic strength. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 481-489.	2.5	6
49	An assessment of triboelectrification effects on co-ground solid dispersions of carbamazepine. <i>Powder Technology</i> , 2016, 292, 342-350.	2.1	13
50	Starch-free <i>grewia</i> gum matrices: Compaction, swelling, erosion and drug release behaviour. <i>International Journal of Pharmaceutics</i> , 2015, 496, 689-698.	2.6	23
51	Using small-angle X-ray scattering to investigate the compaction behaviour of a granulated clay. <i>Applied Clay Science</i> , 2015, 108, 149-164.	2.6	21
52	The dissolution and solid-state behaviours of coground ibuprofen-glucosamine HCl. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 1682-1692.	0.9	10
53	Crystal engineering of ibuprofen using starch derivatives in crystallization medium to produce promising ibuprofen with improved pharmaceutical performance. <i>RSC Advances</i> , 2015, 5, 46119-46131.	1.7	24
54	Triboelectrification and dissolution property enhancements of solid dispersions. <i>International Journal of Pharmaceutics</i> , 2015, 485, 306-316.	2.6	27

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55	Psyllium: a promising polymer for sustained release formulations in combination with HPMC polymers. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 269-277.	1.1	28
56	Drug release from matrix tablets: physiological parameters and the effect of food. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1401-1418.	2.4	17
57	Effect of glucosamine HCl on dissolution and solid state behaviours of piroxicam upon milling. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 189-199.	2.5	25
58	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, 384-391.	2.5	60
59	An Investigation into the Stabilization of Diltiazem HCl Release from Matrices Made from Aged Polyox Powders. <i>AAPS PharmSciTech</i> , 2013, 14, 1190-1198.	1.5	13
60	The influence of salt formation on electrostatic and compression properties of flurbiprofen salts. <i>International Journal of Pharmaceutics</i> , 2013, 458, 118-127.	2.6	39
61	The influence of agitation sequence and ionic strength on in vitro drug release from hypromellose (E4M and K4M) ER matrices—The use of the USP III apparatus. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 104, 54-60.	2.5	41
62	Aqueous and hydro-alcoholic media effects on polyols. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 24-29.	2.5	25
63	The role of oral controlled release matrix tablets in drug delivery systems. <i>BioImpacts</i> , 2012, 2, 175-87.	0.7	115
64	Release Behaviour of Propranolol HCl from Hydrophilic Matrix Tablets Containing Psyllium Powder in Combination with Hydrophilic Polymers. <i>AAPS PharmSciTech</i> , 2011, 12, 1176-1182.	1.5	31
65	Effect of ionic strength and pH of dissolution media on theophylline release from hypromellose matrix tablets—Apparatus USP III, simulated fasted and fed conditions. <i>Carbohydrate Polymers</i> , 2011, 86, 85-93.	5.1	41
66	Study of dissolution hydrodynamic conditions versus drug release from hypromellose matrices: The influence of agitation sequence. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 452-460.	2.5	35