

Thawatchai Phaechamud

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,075
citations

361413

20
h-index

454955

30
g-index

50
all docs

50
docs citations

50
times ranked

1059
citing authors

#	ARTICLE	IF	CITATIONS
1	Lime Peel Oilâ€“Incorporated Rosin-Based Antimicrobial In Situ Forming Gel. <i>Gels</i> , 2022, 8, 169.	4.5	13
2	Borneol-based antisolvent-induced in situ forming matrix for crevicular pocket delivery of vancomycin hydrochloride. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121603.	5.2	19
3	Doxycycline hyclate-loaded EudragitÂ® RS PO in situ-forming microparticles for periodontitis treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103294.	3.0	8
4	Design and Comparative Evaluation of Vancomycin HCl-Loaded Rosin-Based In Situ Forming Gel and Microparticles. <i>Gels</i> , 2022, 8, 231.	4.5	13
5	Fluid properties and phase transition of antimicrobial eudragit RS/clove oil in situ forming depot. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	0
6	Stereomicroscope with Imaging Analysis: A Versatile Tool for Wetting, Gel Formation and Erosion Rate Determinations of Eutectic Effervescent Tablet. <i>Pharmaceutics</i> , 2022, 14, 1280.	4.5	1
7	Fluid properties of various EudragitÂ® solutions in different solvent systems for periodontal pocket injection. <i>Materials Today: Proceedings</i> , 2022, 65, 2399-2406.	1.8	1
8	Augmentative molecular aspect for phase inversion of vancomycin hydrochloride-loaded fatty acid in situ forming matrices. <i>Materials and Design</i> , 2021, 199, 109429.	7.0	10
9	Doxycycline hyclate-loaded in situ forming gels composed from bleached shellac, Ethocel, and Eudragit RS for periodontal pocket delivery. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 252-263.	2.7	23
10	Physical properties and bioactivity of clove oil-loaded solvent exchange-induced in situ forming gel. <i>Materials Today: Proceedings</i> , 2021, 47, 3509-3509.	1.8	2
11	Natural resin-based solvent exchange induced in-situ forming gel for vancomycin HCl delivery to periodontal pocket. <i>Materials Today: Proceedings</i> , 2021, 47, 3585-3593.	1.8	9
12	Clotrimazole-loaded fatty acid-based in situ forming film oral spray. <i>Materials Today: Proceedings</i> , 2021, 52, 2479-2479.	1.8	2
13	Emerging role of polyethylene glycol on doxycycline hyclate-incorporated Eudragit RS in situ forming gel for periodontitis treatment. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 81-94.	5.3	15
14	Meloxicam-loaded solvent exchange-induced in situ forming beta-cyclodextrin gel and microparticle for periodontal pocket delivery. <i>Materials Science and Engineering C</i> , 2020, 117, 111275.	7.3	20
15	Saturated Fatty Acid-Based In Situ Forming Matrices for Localized Antimicrobial Delivery. <i>Pharmaceutics</i> , 2020, 12, 808.	4.5	22
16	Vancomycin hydrochloride-loaded stearic acid/lauric acid in situ forming matrix for antimicrobial inhibition in patients with joint infection after total knee arthroplasty. <i>Materials Science and Engineering C</i> , 2020, 115, 110761.	7.3	19
17	Vancomycin HCl-loaded lauric acid in situ-forming gel with phase inversion for periodontitis treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101615.	3.0	20
18	Solvent exchange and drug release characteristics of doxycycline hyclate-loaded bleached shellac in situ-forming gel and -microparticle. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 1261-1272.	7.5	29

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19	Design, fabrication and characterization of xanthan gum/liquid-loaded porous natural rubber film. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 149-160.	5.3	8
20	Viscoelastic and thermal properties of doxycycline hyclate-loaded bleached shellac in situ -forming gel and "microparticle. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 448-456.	3.0	18
21	Physicochemical properties of β -cyclodextrin solutions and precipitates prepared from injectable vehicles. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 438-449.	9.1	21
22	Solvent effect on fluid characteristics of doxycycline hyclate-loaded bleached shellac in situ-forming gel and -microparticle formulations. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 409-419.	5.3	19
23	Role of clove oil in solvent exchange-induced doxycycline hyclate-loaded Eudragit RS in situ forming gel. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 131-142.	9.1	26
24	Peppermint oil/doxycycline hyclate-loaded Eudragit RS in situ forming gel for periodontitis treatment. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 451-464.	5.3	20
25	Antimicrobial in-situ forming gels based on bleached shellac and different solvents. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 285-293.	3.0	31
26	Designing Solvent Exchange-Induced In Situ Forming Gel from Aqueous Insoluble Polymers as Matrix Base for Periodontitis Treatment. <i>AAPS PharmSciTech</i> , 2017, 18, 194-201.	3.3	28
27	Characterization of Antimicrobial Agent Loaded Eudragit RS Solvent Exchange-Induced In Situ Forming Gels for Periodontitis Treatment. <i>AAPS PharmSciTech</i> , 2017, 18, 494-508.	3.3	22
28	Cholesterol in situ forming gel loaded with doxycycline hyclate for intra-periodontal pocket delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 258-265.	4.0	36
29	Spatial distributing lubricants from Raman mapping and scanning electron microscopy"energy dispersive X-ray spectroscopy on cetirizine dihydrochloride fast disintegrating tablet properties. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 249-262.	5.3	6
30	Transformation of eutectic emulsion to nanosuspension fabricating with solvent evaporation and ultrasonication technique. <i>International Journal of Nanomedicine</i> , 2016, 11, 2855.	6.7	14
31	Doxycycline hyclate-loaded bleached shellac in situ forming microparticle for intraperiodontal pocket local delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 360-370.	4.0	35
32	Gentamicin sulfate-loaded porous natural rubber films for wound dressing. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 634-644.	7.5	81
33	Pore formation mechanism of porous poly(dl-lactic acid) matrix membrane. <i>Materials Science and Engineering C</i> , 2016, 61, 744-752.	7.3	42
34	Evaporation Behavior and Characterization of Eutectic Solvent and Ibuprofen Eutectic Solution. <i>AAPS PharmSciTech</i> , 2016, 17, 1213-1220.	3.3	37
35	Double-Layered Matrix of Shellac Wax-Lutrol in Controlled Dual Drug Release. <i>AAPS PharmSciTech</i> , 2016, 17, 1326-1335.	3.3	8
36	Porous poly(dl -lactic acid) matrix film with antimicrobial activities for wound dressing application. <i>Materials Science and Engineering C</i> , 2016, 58, 1122-1130.	7.3	43

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37	In situ forming gel comprising bleached shellac loaded with antimicrobial drugs for periodontitis treatment. <i>Materials and Design</i> , 2016, 89, 294-303.	7.0	45
38	Drug release behavior of polymeric matrix filled in capsule. <i>Saudi Pharmaceutical Journal</i> , 2016, 24, 627-634.	2.7	24
39	Chitosan-aluminum monostearate composite sponge dressing containing asiaticoside for wound healing and angiogenesis promotion in chronic wound. <i>Materials Science and Engineering C</i> , 2015, 50, 210-225.	7.3	54
40	Bromocriptine tablet of self-microemulsifying system adsorbed onto porous carrier to stimulate lipoproteins secretion for brain cellular uptake. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 131, 162-169.	5.0	10
41	Solvent exchange-induced in situ forming gel comprising ethyl cellulose-antimicrobial drugs. <i>International Journal of Pharmaceutics</i> , 2015, 494, 381-392.	5.2	47
42	Hydrophobic chitosan sponges modified by aluminum monostearate and dehydrothermal treatment as sustained drug delivery system. <i>Materials Science and Engineering C</i> , 2014, 42, 715-725.	7.3	8
43	Antibacterial Activity and Drug Release of Chitosan Sponge Containing Doxycycline Hyclate. <i>AAPS PharmSciTech</i> , 2008, 9, 829-835.	3.3	56
44	Formulation Variables Influencing Drug Release from Layered Matrix System Comprising Chitosan and Xanthan Gum. <i>AAPS PharmSciTech</i> , 2008, 9, 870-877.	3.3	20
45	Variables Influencing Drug Release from Layered Matrix System Comprising Hydroxypropyl Methylcellulose. <i>AAPS PharmSciTech</i> , 2008, 9, 668-674.	3.3	21
46	Sustained-release from Layered Matrix System Comprising Chitosan and Xanthan Gum. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 595-605.	2.0	48
47	Mixed Solvent-Lauric Acid Solvent-Exchange Induced <i>In Situ</i> Forming Gel. <i>Key Engineering Materials</i> , 0, 819, 195-201.	0.4	7
48	Alpha-Mangostin Phase Inversion Induced <i>In Situ</i> Forming Gel. <i>Key Engineering Materials</i> , 0, 819, 202-208.	0.4	3
49	Phase Behavior of Doxycycline Hyclate-Incorporated Bleached Shellac <i>In Situ</i> Forming Gel/Microparticle after Solvent Movement. <i>Key Engineering Materials</i> , 0, 859, 21-26.	0.4	6
50	Surface Tension/Contact Angle Characters of Aprotic Binary Borneol-Dimethyl Sulphoxide Mixture. <i>Key Engineering Materials</i> , 0, 859, 74-80.	0.4	5