

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 | Gentamicin sulfate-loaded porous natural rubber films for wound dressing. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 634-644. | 7.5 | 81 |
| 2 | Antibacterial Activity and Drug Release of Chitosan Sponge Containing Doxycycline Hyclate. <i>AAPS PharmSciTech</i> , 2008, 9, 829-835. | 3.3 | 56 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Evaporation Behavior and Characterization of Eutectic Solvent and Ibuprofen Eutectic Solution. <i>AAPS PharmSciTech</i> , 2016, 17, 1213-1220. | 3.3 | 37 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Drug release behavior of polymeric matrix filled in capsule. <i>Saudi Pharmaceutical Journal</i> , 2016, 24, 627-634. | 2.7 | 24 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Saturated Fatty Acid-Based In Situ Forming Matrices for Localized Antimicrobial Delivery. <i>Pharmaceutics</i> , 2020, 12, 808. | 4.5 | 22 |
| 20 | Variables Influencing Drug Release from Layered Matrix System Comprising Hydroxypropyl Methylcellulose. <i>AAPS PharmSciTech</i> , 2008, 9, 668-674. | 3.3 | 21 |
| 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 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Lime Peel Oil-Incorporated Rosin-Based Antimicrobial In Situ Forming Gel. <i>Gels</i> , 2022, 8, 169. | 4.5 | 13 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Double-Layered Matrix of Shellac Wax-Lutrol in Controlled Dual Drug Release. <i>AAPS PharmSciTech</i> , 2016, 17, 1326-1335. | 3.3 | 8 |
| 39 | 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 |
| 40 | Doxycycline hyclate-loaded Eudragit® RS PO in situ-forming microparticles for periodontitis treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103294. | 3.0 | 8 |
| 41 | Mixed Solvent-Lauric Acid Solvent-Exchange Induced & In Situ Forming Gel. <i>Key Engineering Materials</i> , 0, 819, 195-201. | 0.4 | 7 |
| 42 | 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 |
| 43 | Phase Behavior of Doxycycline Hyclate-Incorporated Bleached Shellac & In Situ Forming Gel/Microparticle after Solvent Movement. <i>Key Engineering Materials</i> , 0, 859, 21-26. | 0.4 | 6 |
| 44 | Surface Tension/Contact Angle Characters of Aprotic Binary Borneol-Dimethyl Sulphoxide Mixture. <i>Key Engineering Materials</i> , 0, 859, 74-80. | 0.4 | 5 |
| 45 | Alpha-Mangostin Phase Inversion Induced & In Situ Forming Gel. <i>Key Engineering Materials</i> , 0, 819, 202-208. | 0.4 | 3 |
| 46 | 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 |
| 47 | Clotrimazole-loaded fatty acid-based in situ forming film oral spray. <i>Materials Today: Proceedings</i> , 2021, 52, 2479-2479. | 1.8 | 2 |
| 48 | 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 |
| 49 | Fluid properties of various Eudragit® solutions in different solvent systems for periodontal pocket injection. <i>Materials Today: Proceedings</i> , 2022, 65, 2399-2406. | 1.8 | 1 |
| 50 | Fluid properties and phase transition of antimicrobial eudragit RS/clove oil in situ forming depot. <i>Materials Today: Proceedings</i> , 2022, , . | 1.8 | 0 |