

Vimon Tantishaiyakul

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Development and characterization of pluronic F127 and methylcellulose based hydrogels for 3D bioprinting. <i>Polymer Bulletin</i> , 2023, 80, 4555-4572. | 3.3 | 5 |
| 2 | Micellization and gelation characteristics of different blends of pluronic F127/methylcellulose and their use as mucoadhesive in situ gel for periodontitis. <i>Polymer Bulletin</i> , 2022, 79, 4515-4534. | 3.3 | 5 |
| 3 | Characterization of χ -carrageenan/methylcellulose/cellulose nanocrystal hydrogels for 3D bioprinting. <i>Polymer International</i> , 2022, 71, 181-191. | 3.1 | 14 |
| 4 | Thermosensitive Polymer Blend Composed of Poloxamer 407, Poloxamer 188 and Polycarbophil for the Use as Mucoadhesive In Situ Gel. <i>Polymers</i> , 2022, 14, 1836. | 4.5 | 20 |
| 5 | Structural characterization using SAXS and rheological behaviors of pluronic F127 and methylcellulose blends. <i>Polymer Bulletin</i> , 2021, 78, 1175-1187. | 3.3 | 12 |
| 6 | The effect of poly(acrylic acid) on temperature-dependent behaviors and structural evolution of poloxamer 407. <i>Polymer International</i> , 2021, 70, 1282-1289. | 3.1 | 8 |
| 7 | Exploring potential cofomers for oxyresveratrol using principal component analysis. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119630. | 5.2 | 23 |
| 8 | Syntheses and crystal structures of hydrated and anhydrous 1:2 cocrystals of oxyresveratrol and zwitterionic proline. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1528-1534. | 0.5 | 3 |
| 9 | In situ mucoadhesive hydrogel based on methylcellulose/xyloglucan for periodontitis. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 531-542. | 2.4 | 13 |
| 10 | Thermosensitive Poloxamer 407/Poly(Acrylic Acid) Hydrogels with Potential Application as Injectable Drug Delivery System. <i>AAPS PharmSciTech</i> , 2018, 19, 2103-2117. | 3.3 | 39 |
| 11 | A Supramolecular Gel Based on 12-Hydroxystearic Acid/Virgin Coconut Oil for Injectable Drug Delivery. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1800178. | 1.5 | 10 |
| 12 | Microphase Separation and Gelation of Methylcellulose in the Presence of Gallic Acid and NaCl as an In Situ Gel-Forming Drug Delivery System. <i>AAPS PharmSciTech</i> , 2017, 18, 605-616. | 3.3 | 14 |
| 13 | The effect of the preservative methylparaben on the thermoresponsive gelation behavior of aqueous solutions of poloxamer 407. <i>Journal of Molecular Liquids</i> , 2017, 240, 622-629. | 4.9 | 19 |
| 14 | Novel in situ mucoadhesive gels based on Pluronic F127 and xyloglucan containing metronidazole for treatment of periodontal disease. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 851-859. | 2.4 | 7 |
| 15 | Fabrication of pluronic and methylcellulose for etidronate delivery and their application for osteogenesis. <i>International Journal of Pharmaceutics</i> , 2016, 499, 110-118. | 5.2 | 31 |
| 16 | Nano-structure, phase transition and morphology of gallic acid and xyloglucan hydrogel. <i>Polymer Bulletin</i> , 2016, 73, 2211-2226. | 3.3 | 5 |
| 17 | Characterization of freeze-dried gallic acid/xyloglucan. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 194-200. | 2.0 | 8 |
| 18 | Characterization of supramolecular gels based on β -cyclodextrin and polyethyleneglycol and their potential use for topical drug delivery. <i>Materials Science and Engineering C</i> , 2015, 50, 242-250. | 7.3 | 30 |

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|----|--|-----|-----------|
| 19 | Preparation and characterization of D° -carrageenan and xyloglucan blends for sustained release of a hydrophilic drug. <i>Polymer Bulletin</i> , 2015, 72, 1647-1661. | 3.3 | 5 |
| 20 | Chemometric and Experimental Investigations of Organogelation Based on β -Cyclodextrin. <i>Advanced Materials Research</i> , 2014, 1060, 133-136. | 0.3 | 2 |
| 21 | Investigation of the efficiency of gelation of melamine with the positional isomers of aminobenzoic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 446, 118-126. | 4.7 | 6 |
| 22 | Glabridin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3501-o3501. | 0.2 | 4 |
| 23 | SAXS and ATR-FTIR studies on EBT β -TSX mixtures in their sol β gel phases. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 423-430. | 7.5 | 3 |
| 24 | Micro-DSC, rheological and NMR investigations of the gelation of gallic acid and xyloglucan. <i>Soft Matter</i> , 2012, 8, 7258. | 2.7 | 14 |
| 25 | Experimental FTIR and theoretical studies of gallic acid β acetonitrile clusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 93-100. | 3.9 | 37 |
| 26 | Characterization of muco- and bioadhesive properties of chitosan, PVP, and chitosan/PVP blends and release of amoxicillin from alginate beads coated with chitosan/PVP. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 408-418. | 2.0 | 38 |
| 27 | 3,4,5-Trihydroxybenzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o787-o787. | 0.2 | 13 |
| 28 | Characterization of Cimetidine β Piroxicam Coprecipitate Interaction Using Experimental Studies and Molecular Dynamic Simulations. <i>AAPS PharmSciTech</i> , 2010, 11, 952-958. | 3.3 | 29 |
| 29 | Effect of Eriochrome Black T on the gelatinization of xyloglucan investigated using rheological measurement and release behavior of Eriochrome Black T from xyloglucan gel matrices. <i>International Journal of Pharmaceutics</i> , 2010, 388, 196-201. | 5.2 | 13 |
| 30 | Crystal Structure Transformations and Dissolution Studies of Cimetidine β Piroxicam Coprecipitates and Physical Mixtures. <i>AAPS PharmSciTech</i> , 2009, 10, 789-795. | 3.3 | 16 |
| 31 | Molecular modeling simulation and experimental measurements to characterize chitosan and poly(vinyl pyrrolidone) blend interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1258-1264. | 2.1 | 41 |
| 32 | Use of Drifts and PLS for the Determination of Polymorphs of Piroxicam Alone and in Combination with Pharmaceutical Excipients: A Technical Note. <i>AAPS PharmSciTech</i> , 2008, 9, 95-99. | 3.3 | 11 |
| 33 | Prediction of solubility parameters using partial least square regression. <i>International Journal of Pharmaceutics</i> , 2006, 325, 8-14. | 5.2 | 40 |
| 34 | Prediction of the aqueous solubility of benzylamine salts using QSPR model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 411-415. | 2.8 | 15 |
| 35 | Prediction of Pgp β ATPase interaction and rhodamine 123 efflux inhibitory activities of propafenone analogs using PLS statistics. <i>Computational and Theoretical Chemistry</i> , 2005, 718, 183-189. | 1.5 | 3 |
| 36 | Experimental and Computational Studies of Epithelial Transport of Mefenamic Acid Ester Prodrugs. <i>Pharmaceutical Research</i> , 2005, 22, 721-727. | 3.5 | 7 |

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|----|--|-----|-----------|
| 37 | Prediction of aqueous solubility of organic salts of diclofenac using PLS and molecular modeling. International Journal of Pharmaceutics, 2004, 275, 133-139. | 5.2 | 27 |
| 38 | ATR-FTIR characterization of transport properties of benzoic acid ion-pairs in silicone membranes. International Journal of Pharmaceutics, 2004, 283, 111-116. | 5.2 | 20 |
| 39 | Characterization of mefenamic acid-guaiacol ester: stability and transport across Caco-2 cell monolayers. Pharmaceutical Research, 2002, 19, 1013-1018. | 3.5 | 20 |