

# Emilia Utomo

## List of Publications by Year in descending order

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18  
papers

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citations

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794594

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Dissolving microneedle-mediated dermal delivery of itraconazole nanocrystals for improved treatment of cutaneous candidiasis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 50-61.	4.3	108
2	Selective delivery of silver nanoparticles for improved treatment of biofilm skin infection using bacteria-responsive microparticles loaded into dissolving microneedles. <i>Materials Science and Engineering C</i> , 2021, 120, 111786.	7.3	69
3	Poly(caprolactone)-Based Coatings on 3D-Printed Biodegradable Implants: A Novel Strategy to Prolong Delivery of Hydrophilic Drugs. <i>Molecular Pharmaceutics</i> , 2020, 17, 3487-3500.	4.6	60
4	Thermosensitive and mucoadhesive in situ ocular gel for effective local delivery and antifungal activity of itraconazole nanocrystal in the treatment of fungal keratitis. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120623.	5.2	49
5	Bacterially sensitive nanoparticle-based dissolving microneedles of doxycycline for enhanced treatment of bacterial biofilm skin infection: A proof of concept study. <i>International Journal of Pharmaceutics: X</i> , 2020, 2, 100047.	1.6	48
6	Enhancing intradermal delivery of tofacitinib citrate: Comparison between powder-loaded hollow microneedle arrays and dissolving microneedle arrays. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120152.	5.2	48
7	Fused deposition modelling for the development of drug loaded cardiovascular prosthesis. <i>International Journal of Pharmaceutics</i> , 2021, 595, 120243.	5.2	47
8	3D printed estradiol-eluting urogynecological mesh implants: Influence of material and mesh geometry on their mechanical properties. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120145.	5.2	42
9	Bioadhesive-Thermosensitive <i>In Situ</i> Vaginal Gel of the Gel Flake-Solid Dispersion of Itraconazole for Enhanced Antifungal Activity in the Treatment of Vaginal Candidiasis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18128-18141.	8.0	34
10	Development, Evaluation, and Pharmacokinetic Assessment of Polymeric Microarray Patches for Transdermal Delivery of Vancomycin Hydrochloride. <i>Molecular Pharmaceutics</i> , 2020, 17, 3353-3368.	4.6	32
11	Use of 3D Printing for the Development of Biodegradable Antiplatelet Materials for Cardiovascular Applications. <i>Pharmaceutics</i> , 2021, 14, 921.	3.8	25
12	3D-printed implantable devices with biodegradable rate-controlling membrane for sustained delivery of hydrophobic drugs. <i>Drug Delivery</i> , 2022, 29, 1038-1048.	5.7	25
13	TPU-based antiplatelet cardiovascular prostheses prepared using fused deposition modelling. <i>Materials and Design</i> , 2022, 220, 110837.	7.0	25
14	Poly(caprolactone)-based subcutaneous implant for sustained delivery of levothyroxine. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121011.	5.2	24
15	Elucidating the Impact of Surfactants on the Performance of Dissolving Microneedle Array Patches. <i>Molecular Pharmaceutics</i> , 2022, 19, 1191-1208.	4.6	24
16	Development and characterization of a dry reservoir-hydrogel-forming microneedles composite for minimally invasive delivery of cefazolin. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121593.	5.2	16
17	Inclusion Complexes of Rifampicin with Native and Derivatized Cyclodextrins: In Silico Modeling, Formulation, and Characterization. <i>Pharmaceutics</i> , 2022, 15, 20.	3.8	10
18	A New and Sensitive HPLC-UV Method for Rapid and Simultaneous Quantification of Curcumin and D-Panthenol: Application to In Vitro Release Studies of Wound Dressings. <i>Molecules</i> , 2022, 27, 1759.	3.8	9