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Prof. Nasrul Wathoni obtained his Ph.D. degree from the Graduate School of Pharmaceutical Sciences, Kumamoto University, Japan. Currently, he is working as a Professor at the Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy Universitas Padjadjaran, Bandung, Indonesia. His main research topic is novel drug and cosmetic delivery systems based biopolymers, including polymeric nanoparticles, hydrogel films, hydrogel spray, niosomes, and liposomes. In addition, he is interested in pharmacy informatics.

Current affiliation:

- Universitas Padjadjaran from 2017

Publication Metrics

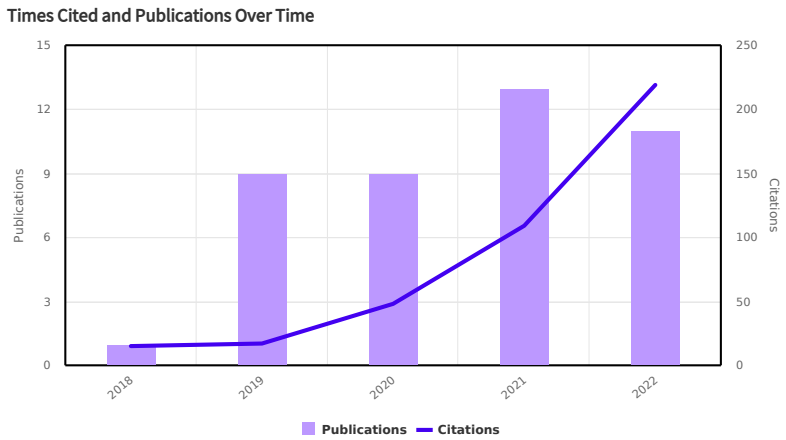
For manuscripts published from date range October 2018 - October 2023

13	598
H-index	Sum of Times Cited
53	51
Total Publications	Web of Science Core Collection Publications

For all time

14	716
H-index	Sum of Times Cited
64	57
Total Publications	Web of Science Core Collection Publications

Publication Impact Over Time



Publishing Summary

For manuscripts published from date range October 2018 - October 2023

(10) Polymers	(6) Molecules
(5) Heliyon	(5) Journal of Advanced Pharmaceut...
(4) Drug Design, Development and ...	(4) Pharmaceutics
(3) Journal of Pharmacy and Bioallie...	(2) International Journal of Applied P...
(2) Chemical and Pharmaceutical B...	(2) Applied Sciences
(2) Journal of Multidisciplinary Healt...	(1) Journal of Young Pharmacists
(1) Pakistan Veterinary Journal	(1) Pharmaceuticals
(1) Nanotechnology, Science and A...	(1) Clinical, Cosmetic and Investigati...
(1) Drug Delivery	(1) Antioxidants
(1) Tissue Engineering and Regener...	

Publications

For manuscripts published from date range October 2018 - October 2023 (53)	Times Cited (All time)
Effectiveness of Mesenchymal Stem Cell Secretome on Wound Healing: A Systematic Review and Meta-analysis Published: Sep 2023 in Tissue Engineering and Regenerative Medicine DOI: 10.1007/S13770-023-00570-9	0
Chitosan/Alginate Polymeric Nanoparticle-Loaded a-Mangostin: Characterization, Cytotoxicity, and In Vivo Evaluation against Breast Cancer Cells Published: Sep 2023 in Polymers DOI: 10.3390/POLYM15183658	0

Propolis-Based Nanostructured Lipid Carriers for alpha-Mangostin Delivery: Formulation, Characterization, and In Vitro Antioxidant Activity Evaluation Published: Aug 2023 in Molecules DOI: 10.3390/MOLECULES28166057	0
Chitosan-Based Nano Systems for Natural Antioxidants in Breast Cancer Therapy Published: Jul 2023 in Polymers DOI: 10.3390/POLYM15132953	1
Ulvan/Silver nanoparticle hydrogel films for burn wound dressing Published: Jul 2023 in Heliyon DOI: 10.1016/J.HELIYON.2023.E18044	0
Chitosan-Based Nano-Smart Drug Delivery System in Breast Cancer Therapy Published: Mar 2023 in Pharmaceutics DOI: 10.3390/PHARMACEUTICS15030879	4
Application of Amniotic Membrane in Skin Regeneration Published: Mar 2023 in Pharmaceutics DOI: 10.3390/PHARMACEUTICS15030748	0
Application, Benefits, and Limitations of Telepharmacy for Patients with Diabetes in the Outpatient Setting Published: Feb 2023 in Journal of Multidisciplinary Healthcare DOI: 10.2147/JMDH.S400734	2
Hyaluronic Acid-Coated Chitosan Nanoparticles as an Active Targeted Carrier of Alpha Mangostin for Breast Cancer Cells Published: Feb 2023 in Polymers DOI: 10.3390/POLYM15041025	0
Monoclonal antibody as a targeting mediator for nanoparticle targeted delivery system for lung cancer Published: Dec 2022 in Drug Delivery DOI: 10.1080/10717544.2022.2120566	11
A Review of Coformer Utilization in Multicomponent Crystal Formation Published: Dec 2022 in Molecules DOI: 10.3390/MOLECULES27248693	2
Recent Update on the Anti-Inflammatory Activities of Propolis Published: Dec 2022 in Molecules DOI: 10.3390/MOLECULES27238473	6
Chitosan-Hyaluronic Acid Nanoparticles for Active Targeting in Cancer Therapy Published: Aug 2022 in Polymers DOI: 10.3390/POLYM14163410	8

Alginate/Chitosan-Based Hydrogel Film Containing alpha-Mangostin for Recurrent Aphthous Stomatitis Therapy in Rats Published: Aug 2022 in Pharmaceutics DOI: 10.3390/PHARMACEUTICS14081709	1
Cytotoxicity Enhancement in MCF-7 Breast Cancer Cells with Depolymerized Chitosan Delivery of alpha-Mangostin Published: Aug 2022 in Polymers DOI: 10.3390/POLYM14153139	5
Preparation of Mangosteen Peel Extract Microcapsules by Fluidized Bed Spray-Drying for Tableting: Improving the Solubility and Antioxidant Stability Published: Jul 2022 in Antioxidants DOI: 10.3390/ANTIOX11071331	3
In Silico Study: Combination of alpha-Mangostin and Chitosan Conjugated with Trastuzumab against Human Epidermal Growth Factor Receptor 2 Published: Jul 2022 in Polymers DOI: 10.3390/POLYM14132747	3
Polymeric Hydrogels as Mesenchymal Stem Cell Secretome Delivery System in Biomedical Applications Published: Mar 2022 in Polymers DOI: 10.3390/POLYM14061218	7
Liposome-polymer complex for drug delivery system and vaccine stabilization Published: Feb 2022 in Heliyon DOI: 10.1016/J.HELIYON.2022.E08934	28
Drug release study of the chitosan-based nanoparticles Published: Jan 2022 in Heliyon DOI: 10.1016/J.HELIYON.2021.E08674	78
Nanoformulations of alpha-Mangostin for Cancer Drug Delivery System Published: Dec 2021 in Pharmaceutics DOI: 10.3390/PHARMACEUTICS13121993	13
Mesenchymal Stem Cell Secretome for Dermatology Application: A Review Published: Oct 2021 in Clinical, Cosmetic and Investigational Dermatology DOI: 10.2147/CCID.S331044	22
Development and Characterization of Ulvan Polysaccharides-Based Hydrogel Films for Potential Wound Dressing Applications Published: Oct 2021 in Drug Design, Development and Therapy DOI: 10.2147/DDDT.S331120	13
Film-Forming Spray of Water-Soluble Chitosan Containing Liposome-Coated Human Epidermal Growth Factor for Wound Healing Published: Sep 2021 in Molecules DOI: 10.3390/MOLECULES26175326	14

alpha-Mangostin/gamma-Cyclodextrin Inclusion Complex: Formation and Thermodynamic Study Published: Sep 2021 in Polymers DOI: 10.3390/POLYM13172890	5
Evolution of Drug Delivery Systems for Recurrent Aphthous Stomatitis Published: Sep 2021 in Drug Design, Development and Therapy DOI: 10.2147/DDDT.S328371	5
alpha-Mangostin Nanoparticles Cytotoxicity and Cell Death Modalities in Breast Cancer Cell Lines Published: Sep 2021 in Molecules DOI: 10.3390/MOLECULES26175119	9
Telepharmacy: A Potential Alternative Approach for Diabetic Patients During the COVID-19 Pandemic Published: Aug 2021 in Journal of Multidisciplinary Healthcare DOI: 10.2147/JMDH.S325645	7
Characterization and acute oral toxicity of concentrated minerals of Pamekasan Madura seawater Published: Jul 2021 in Journal of Advanced Pharmaceutical Technology & Research DOI: 10.4103/JAPTR.JAPTR_250_20	0
The Use of Megamolecular Polysaccharide Sacran in Food and Biomedical Applications Published: Jun 2021 in Molecules DOI: 10.3390/MOLECULES26113362	9
The Potential Cytotoxic Activity Enhancement of alpha-Mangostin in Chitosan-Kappa Carrageenan-Loaded Nanoparticle against MCF-7 Cell Line Published: Jun 2021 in Polymers DOI: 10.3390/POLYM13111681	10
Chitosan-Based Nanoparticles of Targeted Drug Delivery System in Breast Cancer Treatment Published: Jun 2021 in Polymers DOI: 10.3390/POLYM13111717	45
A Comprehensive Review on Ulvan Based Hydrogel and Its Biomedical Applications Published: May 2021 in Chemical and Pharmaceutical Bulletin DOI: 10.1248/CPB.C20-00763	11
Enhancement of alpha-Mangostin Wound Healing Ability by Complexation with 2-Hydroxypropyl-beta-Cyclodextrin in Hydrogel Formulation Published: Oct 2020 in Pharmaceuticals DOI: 10.3390/PH13100290	8

Accelerated wound healing ability of Jatropha sap by iota carrageenan-poly (vinyl alcohol) hydrogel film Published: Oct 2020 in Journal of Advanced Pharmaceutical Technology & Research DOI: 10.4103/JAPTR.JAPTR_11_20	3
Enteric-Coated Strategies in Colorectal Cancer Nanoparticle Drug Delivery System Published: Oct 2020 in Drug Design, Development and Therapy DOI: 10.2147/DDDT.S273612	23
Ulvan, a Polysaccharide from MacroalgaUlvasp.: A Review of Chemistry, Biological Activities and Potential for Food and Biomedical Applications Published: Aug 2020 in Applied Sciences DOI: 10.3390/APP10165488	31
Film-Forming Sprays for Topical Drug Delivery Published: Jul 2020 in Drug Design, Development and Therapy DOI: 10.2147/DDDT.S256666	22
Synthesis of nano-alpha mangostin based on chitosan and Eudragit S 100 Published: Jul 2020 in Journal of Advanced Pharmaceutical Technology & Research DOI: 10.4103/JAPTR.JAPTR_182_19	6
Nanoparticle Drug Delivery Systems for alpha-Mangostin Published: Apr 2020 in Nanotechnology, Science and Applications DOI: 10.2147/NSA.S243017	29
Epidermal growth factor in sacran hydrogel film accelerates fibroblast migration Published: Apr 2020 in Journal of Advanced Pharmaceutical Technology & Research DOI: 10.4103/JAPTR.JAPTR_147_19	6
Characterization and antioxidant activity of pectin from Indonesian mangosteen (Garcinia mangostana L.) rind (vol 5, e02299, 2019) Published: Jan 2020 in Heliyon DOI: 10.1016/J.HELIYON.2019.E03074	0
alpha-Mangostin Hydrogel Film Based Chitosan Alginate for Recurrent Aphthous Stomatitis Published: Dec 2019 in Applied Sciences DOI: 10.3390/APP9235235	13
Optimization of Secreted Recombinant Human Epidermal Growth Factor Production Using Pectate Lyase B from Escherichia Coli BL21(DE3) by Central Composite Design and Its Production in High Cell Density Culture Published: Dec 2019 in Journal of Pharmacy and Bioallied Sciences DOI: 10.4103/JPBS.JPBS_207_19	5

Formulation and Characterization of alpha-Mangostin in Chitosan Nanoparticles Coated by Sodium Alginate, Sodium Silicate, and Polyethylene Glycol Published: Dec 2019 in Journal of Pharmacy and Bioallied Sciences DOI: 10.4103/JPBS.JPBS_206_19	14
Kahar Method: A Novel Calculation Method of Tonicity Adjustment Published: Dec 2019 in Journal of Pharmacy and Bioallied Sciences DOI: 10.4103/JPBS.JPBS_210_19	2
Characterization and antioxidant activity of pectin from Indonesian mangosteen (Garcinia mangostana L.) rind Published: Aug 2019 in Heliyon DOI: 10.1016/J.HELIYON.2019.E02299	70
Sacran Hydrogel Film Containing Keratinocyte Growth Factor Accelerates Wound Healing by Stimulating Fibroblast Migration and Re-epithelization Published: Aug 2019 in Chemical and Pharmaceutical Bulletin DOI: 10.1248/CPB.C19-00291	7
Garcinia Mangostana Extract Enhances Skin Epithelialization in Rat Induced Burn Injury Published: Jul 2019 in Pakistan Veterinary Journal DOI: 10.29261/PAKVETJ/2019.059	5
Advances in orally targeted drug delivery to colon Published: Jul 2019 in Journal of Advanced Pharmaceutical Technology & Research DOI: 10.4103/JAPTR.JAPTR_26_19	24
Host-Guest Interactions of alpha-Mangostin with (alpha,beta,gamma)-Cyclodextrins: Semi-Empirical Quantum Mechanical Methods of PM6 and PM7 Published: Jan 2019 in Journal of Young Pharmacists DOI: 10.5530/JYP.2019.11.7	8
EVOLUTION OF CONTRACEPTIVE IMPLANTS: A REVIEW Published: Nov 2018 in International Journal of Applied Pharmaceutics DOI: 10.22159/IJAP.2018V10I6.28391	Not indexed in the Web of Science
APPLICATION AND CHARACTERIZATION OF IN SITU GEL Published: Nov 2018 in International Journal of Applied Pharmaceutics DOI: 10.22159/IJAP.2018V10I6.28767	Not indexed in the Web of Science

Verified Reviews

Review Summary

Reviewer Summary

For manuscripts reviewed from date range October 2018 - October 2023

(6) New Journal of Chemistry	(2) Journal of Materials Chemistry B
(1) Molecular Biology Reports	(1) Food Science & Nutrition
(1) Journal of Biomaterials Science, ...	(1) Cell and Tissue Research
(1) Journal of Applied Phycology	(1) Journal of Clinical Medicine
(1) Photochemistry & Photobiology	

15 REVIEWS OF 14 MANUSCRIPTS

For manuscripts published from date range October 2018 - October 2023

- Reviewed: May 2023 for New Journal of Chemistry
- Reviewed: May 2023 for Molecular Biology Reports
- Reviewed: Feb 2023 for Food Science & Nutrition
- Reviewed: Jan 2023 for Journal of Biomaterials Science, Polymer Edition
- Reviewed: Aug 2022 for Cell and Tissue Research
- Reviewed: Jul 2022 for Journal of Materials Chemistry B
- Reviewed: May 2022 for Journal of Applied Phycology
- Reviewed: Mar 2022 for New Journal of Chemistry

-
Reviewed: Jan 2022 for New Journal of Chemistry

-
Reviewed: Jan 2022 for Journal of Clinical Medicine

-
2 rounds from May 2021 to Jun 2021 for New Journal of Chemistry

-
Reviewed: Oct 2019 for Journal of Materials Chemistry B

-
Reviewed: Sep 2019 for Photochemistry & Photobiology

-
Reviewed: Feb 2019 for New Journal of Chemistry