

Yousuf H Mohammed

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

922
citations

15
h-index

30
g-index

41
ext. papers

1,212
ext. citations

6.1
avg, IF

4.5
L-index

#	Paper	IF	Citations
38	Skin models for the testing of transdermal drugs. <i>Clinical Pharmacology: Advances and Applications</i> , 2016 , 8, 163-176	1.5	131
37	Topical and Transdermal Drug Delivery: From Simple Potions to Smart Technologies. <i>Current Drug Delivery</i> , 2019 , 16, 444-460	3.2	99
36	A unique iridium(III) complex-based chemosensor for multi-signal detection and multi-channel imaging of hypochlorous acid in liver injury. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 1005-1011	11.8	98
35	Support for the Safe Use of Zinc Oxide Nanoparticle Sunscreens: Lack of Skin Penetration or Cellular Toxicity after Repeated Application in Volunteers. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 308-315	4.3	75
34	Polarized immune responses modulated by layered double hydroxides nanoparticle conjugated with CpG. <i>Biomaterials</i> , 2014 , 35, 9508-16	15.6	55
33	Microneedle enhanced delivery of cosmeceutically relevant peptides in human skin. <i>PLoS ONE</i> , 2014 , 9, e101956	3.7	50
32	Synergistic Skin Penetration Enhancer and Nanoemulsion Formulations Promote the Human Epidermal Permeation of Caffeine and Naproxen. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 212-20	3.9	39
31	Effect of flexing and massage on in vivo human skin penetration and toxicity of zinc oxide nanoparticles. <i>Nanomedicine</i> , 2016 , 11, 1193-205	5.6	39
30	Real-time histology in liver disease using multiphoton microscopy with fluorescence lifetime imaging. <i>Biomedical Optics Express</i> , 2015 , 6, 780-92	3.5	29
29	Removing physiological motion from intravital and clinical functional imaging data. <i>ELife</i> , 2018 , 7,	8.9	28
28	Targeted Topical Delivery of Retinoids in the Management of Acne Vulgaris: Current Formulations and Novel Delivery Systems. <i>Pharmaceutics</i> , 2019 , 11,	6.4	24
27	Space- and time-resolved investigation on diffusion kinetics of human skin following macromolecule delivery by microneedle arrays. <i>Scientific Reports</i> , 2018 , 8, 17759	4.9	23
26	Quality by Design: Development of the Quality Target Product Profile (QTPP) for Semisolid Topical Products. <i>Pharmaceutics</i> , 2020 , 12,	6.4	22
25	Novel Nanocarriers for Targeted Topical Skin Delivery of the Antioxidant Resveratrol. <i>Pharmaceutics</i> , 2020 , 12,	6.4	22
24	Mechanistic Evaluation of Enhanced Curcumin Delivery through Human Skin In Vitro from Optimised Nanoemulsion Formulations Fabricated with Different Penetration Enhancers. <i>Pharmaceutics</i> , 2019 , 11,	6.4	18
23	Permeation of topically applied Magnesium ions through human skin is facilitated by hair follicles. <i>Magnesium Research</i> , 2016 , 29, 35-42	1.7	15
22	Using elongated microparticles to enhance tailorable nanoemulsion delivery in excised human skin and volunteers. <i>Journal of Controlled Release</i> , 2018 , 288, 264-276	11.7	15

21	Topical drug delivery: History, percutaneous absorption, and product development. <i>Advanced Drug Delivery Reviews</i> , 2021 , 177, 113929	18.5	15
20	Advances and controversies in studying sunscreen delivery and toxicity. <i>Advanced Drug Delivery Reviews</i> , 2020 , 153, 72-86	18.5	14
19	Mechanistic Evaluation of Hydration Effects on the Human Epidermal Permeation of Salicylate Esters. <i>AAPS Journal</i> , 2017 , 19, 180-190	3.7	13
18	Non-formulation Parameters That Affect Penetrant-Skin-Vehicle Interactions and Percutaneous Absorption 2017 , 45-75		10
17	Evaluation of Quantum Dot Skin Penetration in Porcine Skin: Effect of Age and Anatomical Site of Topical Application. <i>Skin Pharmacology and Physiology</i> , 2019 , 32, 182-191	3	9
16	Cellular metabolism and pore lifetime of human skin following microprojection array mediation. <i>Journal of Controlled Release</i> , 2019 , 306, 59-68	11.7	8
15	Estimating Maximal In Vitro Skin Permeation Flux from Studies Using Non-sink Receptor Phase Conditions. <i>Pharmaceutical Research</i> , 2016 , 33, 2180-94	4.5	8
14	Noninvasive in vivo human multiphoton microscopy: a key method in proving nanoparticulate zinc oxide sunscreen safety. <i>Journal of Biomedical Optics</i> , 2020 , 25, 1-19	3.5	8
13	Development of an Oil-in-Water Self-Emulsifying Microemulsion for Cutaneous Delivery of Rose Bengal: Investigation of Anti-Melanoma Properties. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
12	Cyclic Dipeptide Shuttles as a Novel Skin Penetration Enhancement Approach: Preliminary Evaluation with Diclofenac. <i>PLoS ONE</i> , 2016 , 11, e0160973	3.7	7
11	Permeation Mechanism of Caffeine and Naproxen through in vitro Human Epidermis: Effect of Vehicles and Penetration Enhancers. <i>Skin Pharmacology and Physiology</i> , 2019 , 32, 132-141	3	6
10	Using a simple equation to predict the microporation-enhanced transdermal drug flux. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 127, 12-18	5.7	6
9	Optical Characterization of Zinc Pyrithione. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1142-1150	3.6	5
8	Viscoelastic and Deformation Characteristics of Structurally Different Commercial Topical Systems. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
7	Bathing Does Not Facilitate Human Skin Penetration or Adverse Cellular Effects of Nanoparticulate Zinc Oxide Sunscreens after Topical Application. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1656-1659	4.3	3
6	The Influence of Emollients on Dermal and Transdermal Drug Delivery 2017 , 77-93		2
5	Using in vivo multiphoton fluorescence lifetime imaging to unravel disease-specific changes in the liver redox state. <i>Methods and Applications in Fluorescence</i> , 2020 , 8, 034003	3.1	2
4	Dressing of multifunctional nanoparticles with natural cell-derived membranes for the superior chemotherapy.. <i>Nanomedicine</i> , 2022 ,	5.6	2

3	"Nanodecoys" - Future of drug delivery by encapsulating nanoparticles in natural cell membranes.. <i>International Journal of Pharmaceutics</i> , 2022 , 621, 121790	6.5	2
2	Multi-Modal Imaging to Assess the Follicular Delivery of Zinc Pyrithione. <i>Pharmaceutics</i> , 2022 , 14, 1076	6.4	2
1	Efficacy, Safety and Targets in Topical and Transdermal Active and Excipient Delivery 2017 , 369-391		1