

# TaÃ-s Gratieri

## List of Publications by Year in descending order

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117  
papers

2,939  
citations

147726

31  
h-index

206029

48  
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120  
all docs

120  
docs citations

120  
times ranked

3209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional printed personalized drug devices with anatomical fit: a review. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1391-1405.	1.2	2
2	Polymeric nanocapsules: A review on design and production methods for pharmaceutical purpose. <i>Methods</i> , 2022, 199, 54-66.	1.9	30
3	Compatibility and stability studies involving polymers used in fused deposition modeling 3D printing of medicines. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 424-435.	2.4	11
4	Thermal analysis applied to the development of nanostructured lipid carriers loading propranolol using quality-by-design strategies. <i>Thermochimica Acta</i> , 2022, 708, 179143.	1.2	1
5	Application of hot-melt extrusion in the complexation of naringenin with cyclodextrin using hydrophilic polymers. <i>Advanced Powder Technology</i> , 2022, 33, 103380.	2.0	15
6	Skin Regenerative Potential of Cupuaçu Seed Extract ( <i>Theobroma grandiflorum</i> ), a Native Fruit from the Amazon: Development of a Topical Formulation Based on Chitosan-Coated Nanocapsules. <i>Pharmaceutics</i> , 2022, 14, 207.	2.0	7
7	Nanostructured lipid carriers loaded with an association of minoxidil and latanoprost for targeted topical therapy of alopecia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 78-88.	2.0	15
8	Oscillatory shear rheology as an in-process control tool for 3D printing medicines production by fused deposition modeling. <i>Journal of Manufacturing Processes</i> , 2022, 76, 850-862.	2.8	14
9	Randomized, double-blind clinical trial comparing the healing of stasis ulcers in lower limbs with standard hydrocolloid gel dressings and with dressings with <i>Syzygium cumini</i> extract. <i>Phlebology</i> , 2022, , 026835552210883.	0.6	0
10	Validation of a simple chromatographic method for naringenin quantification in skin permeation experiments. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1201-1202, 123291.	1.2	2
11	In situ gelling microemulsion for topical ocular delivery of moxifloxacin and betamethasone. <i>Journal of Molecular Liquids</i> , 2022, 360, 119559.	2.3	12
12	Targeted clindamycin delivery to pilosebaceous units by chitosan or hyaluronic acid nanoparticles for improved topical treatment of acne vulgaris. <i>Carbohydrate Polymers</i> , 2021, 253, 117295.	5.1	51
13	Nanostructured lipid carriers for hair follicle-targeted delivery of clindamycin and rifampicin to hidradenitis suppurativa treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111448.	2.5	16
14	New perspectives on the topical management of recurrent candidiasis. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1568-1585.	3.0	10
15	In vitro skin model for the evaluation of burn healing drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102330.	1.4	5
16	Topical Treatment for Scarring and Non-Scarring Alopecia: An Overview of the Current Evidence. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 485-499.	0.8	19
17	Enhanced nail delivery of voriconazole-loaded nanomicelles by thioglycolic acid pretreatment: A study of protein dynamics and disulfide bond rupture. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120597.	2.6	7
18	The influence of skin barrier impairment on the iontophoretic transport of low and high molecular weight permeants. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120607.	2.6	5

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19	Aqueous-Based Nanoemulsion Containing (-)-Î±-Bisabolol for Topical Treatment of Skin burns. <i>Current Cosmetic Science</i> , 2021, 01, .	0.1	0
20	Granules of finasteride and cyclodextrin obtained by hot-melt extrusion to target the hair follicles. <i>Powder Technology</i> , 2021, 391, 311-320.	2.1	6
21	Follicular-targeted delivery of spironolactone provided by polymeric nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112101.	2.5	18
22	Preformulation Studies to Guide the Production of Medicines by Fused Deposition Modeling 3D Printing. <i>AAPS PharmSciTech</i> , 2021, 22, 263.	1.5	12
23	Iontophoresis enhances voriconazole antifungal potency and corneal penetration. <i>International Journal of Pharmaceutics</i> , 2020, 576, 118991.	2.6	21
24	Hydroxypropyl-Î²-cyclodextrin-complexed naringenin by solvent change precipitation for improving anti-inflammatory effect in vivo. <i>Carbohydrate Polymers</i> , 2020, 231, 115769.	5.1	33
25	Chitosan nanoparticles loading oxaliplatin as a mucoadhesive topical treatment of oral tumors: Iontophoresis further enhances drug delivery ex vivo. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1265-1275.	3.6	62
26	The Influence of Matrix Technology on the Subdivision of Sustained Release Matrix Tablets. <i>AAPS PharmSciTech</i> , 2020, 21, 8.	1.5	8
27	The influence of sebaceous content on the performance of nanosystems designed for the treatment of follicular diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101895.	1.4	9
28	The influence of porosity on tablet subdivision. <i>Particuology</i> , 2020, 53, 192-196.	2.0	4
29	Besifloxacin liposomes with positively charged additives for an improved topical ocular delivery. <i>Scientific Reports</i> , 2020, 10, 19285.	1.6	37
30	Predictive models of FDM 3D printing using experimental design based on pharmaceutical requirements for tablet production. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119728.	2.6	33
31	Tissue Levels of Flurbiprofen in the Rat Plantar Heel after Short-Duration Topical Iontophoresis Are Sufficient to Induce Pharmacodynamic Responses to Local Pain Stimuli. <i>Pharmaceutics</i> , 2020, 12, 608.	2.0	5
32	Novel iron oxide nanocarriers loading finasteride or dutasteride: Enhanced skin penetration for topical treatment of alopecia. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119709.	2.6	18
33	Hot-Melt Extrusion as an Advantageous Technology to Obtain Effervescent Drug Products. <i>Pharmaceutics</i> , 2020, 12, 779.	2.0	12
34	Latanoprost Loaded in Polymeric Nanocapsules for Effective Topical Treatment of Alopecia. <i>AAPS PharmSciTech</i> , 2020, 21, 305.	1.5	20
35	LC-MS bioanalytical method for simultaneous determination of latanoprost and minoxidil in the skin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113373.	1.4	14
36	Subdivision of modified-release tablets: state-of-the-art and future perspectives. <i>Therapeutic Delivery</i> , 2020, 11, 285-287.	1.2	4

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37	Dutasteride nanocapsules for hair follicle targeting: Effect of chitosan-coating and physical stimulus. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 56-61.	3.6	34
38	Effect of physical stimuli on hair follicle deposition of clobetasol-loaded Lipid Nanocarriers. <i>Scientific Reports</i> , 2020, 10, 176.	1.6	30
39	Combination of cyclodextrin complexation and iontophoresis as a promising strategy for the cutaneous delivery of aluminum-chloride phthalocyanine in photodynamic therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 139, 105056.	1.9	16
40	Stability indicating analytical method of quantifying spironolactone and canrenone in dermatological formulations and iontophoretic skin permeation experiments. <i>Biomedical Chromatography</i> , 2019, 33, e4656.	0.8	9
41	Lipid nanoparticles as carriers of cyclodextrin inclusion complexes: A promising approach for cutaneous delivery of a volatile essential oil. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110382.	2.5	30
42	Overcoming hurdles in iontophoretic drug delivery: is skin the only barrier? An update. <i>Therapeutic Delivery</i> , 2019, 10, 211-214.	1.2	1
43	Microemulsions incorporating <i>Brosimum gaudichaudii</i> extracts as a topical treatment for vitiligo: In vitro stimulation of melanocyte migration and pigmentation. <i>Journal of Molecular Liquids</i> , 2019, 294, 111685.	2.3	15
44	The Digital Pharmacies Era: How 3D Printing Technology Using Fused Deposition Modeling Can Become a Reality. <i>Pharmaceutics</i> , 2019, 11, 128.	2.0	125
45	Regulatory Requirements and Innovation: A Comparison of the Dermatologic Antifungal Drug Product Markets in Brazil and United States. <i>Therapeutic Innovation and Regulatory Science</i> , 2019, 53, 661-668.	0.8	0
46	Thermal analysis used to guide the production of thymol and <i>Lippia origanoides</i> essential oil inclusion complexes with cyclodextrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 543-553.	2.0	31
47	Taste masking and rheology improvement of drug complexed with beta-cyclodextrin and hydroxypropyl- $\beta$ -cyclodextrin by hot-melt extrusion. <i>Carbohydrate Polymers</i> , 2018, 185, 19-26.	5.1	50
48	Subdivision of Tablets Containing Modified Delivery Technology: the Case of Orally Disintegrating Tablets. <i>Journal of Pharmaceutical Innovation</i> , 2018, 13, 261-269.	1.1	13
49	Improvements of theobromine pharmaceutical properties using solid dispersions prepared with newfound technologies. <i>Chemical Engineering Research and Design</i> , 2018, 132, 1193-1201.	2.7	7
50	Brazilian requirements for stability indicating methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 58-63.	5.8	11
51	Hot Melt Extrudates Formulated Using Design Space: One Simple Process for Both Palatability and Dissolution Rate Improvement. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 286-296.	1.6	25
52	Mixture design applied in compatibility studies of catechin and lipid compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 612-617.	1.4	24
53	Versatile chromatographic method for catechin determination in development of topical formulations containing natural extracts. <i>Biomedical Chromatography</i> , 2018, 32, e4062.	0.8	15
54	SLN- and NLC-Encapsulating Antifungal Agents: Skin Drug Delivery and their Unexplored Potential for Treating Onychomycosis. <i>Current Pharmaceutical Design</i> , 2018, 23, 6684-6695.	0.9	16

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55	Dissolution Enhancement in Cocoa Extract, Combining Hydrophilic Polymers through Hot-Melt Extrusion. <i>Pharmaceutics</i> , 2018, 10, 135.	2.0	11
56	Preformulation studies of finasteride to design matrix systems for topical delivery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 273-279.	1.4	15
57	The role of formulation and follicular pathway in voriconazole cutaneous delivery from liposomes and nanostructured lipid carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 341-346.	2.5	33
58	Simple and Selective HPLC-UV/Vis Bioanalytical Method to Determine Aluminum Phthalocyanine Chloride in Skin Permeation Studies. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-7.	0.7	5
59	Nanotechnology advances for hair loss. <i>Therapeutic Delivery</i> , 2018, 9, 593-603.	1.2	28
60	Development and validation of a simple chromatographic method for simultaneous determination of clindamycin phosphate and rifampicin in skin permeation studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 331-340.	1.4	25
61	Incorporation of <i>Eugenia dysenterica</i> extract in microemulsions preserves stability, antioxidant effect and provides enhanced cutaneous permeation. <i>Journal of Molecular Liquids</i> , 2018, 265, 408-415.	2.3	24
62	Comparison of Clobetasol Propionate Generics Using Simplified In vitro Bioequivalence Method for Topical Drug Products. <i>Current Drug Delivery</i> , 2018, 15, 998-1008.	0.8	3
63	Chemical and physical strategies in onychomycosis topical treatment: A review. <i>Medical Mycology</i> , 2017, 55, myw084.	0.3	28
64	Use of mixture design in drug-excipient compatibility determinations: Thymol nanoparticles case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 196-203.	1.4	32
65	Oxaliplatin preformulation studies for the development of innovative topical drug delivery systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1671-1681.	2.0	3
66	Basic principles and current status of transcorneal and transscleral iontophoresis. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1091-1102.	2.4	43
67	Evolution of quality on pharmaceutical design: regulatory requirement?. <i>Accreditation and Quality Assurance</i> , 2017, 22, 199-205.	0.4	7
68	FDM 3D printing of modified drug-delivery systems using hot melt extrusion: a new approach for individualized therapy. <i>Therapeutic Delivery</i> , 2017, 8, 957-966.	1.2	35
69	Topotecan-loaded lipid nanoparticles as a viable tool for the topical treatment of skin cancers. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1318-1326.	1.2	18
70	Microparticles prepared with 50-190 kDa chitosan as promising non-toxic carriers for pulmonary delivery of isoniazid. <i>Carbohydrate Polymers</i> , 2017, 174, 421-431.	5.1	49
71	Novel ex vivo protocol using porcine vagina to assess drug permeation from mucoadhesive and colloidal pharmaceutical systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 222-228.	2.5	17
72	Solid effervescent formulations as new approach for topical minoxidil delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 411-419.	1.9	34

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73	Key Technical Aspects Influencing the Accuracy of Tablet Subdivision. AAPS PharmSciTech, 2017, 18, 1393-1401.	1.5	26
74	Chromatographic method for clobetasol propionate determination in hair follicles and in different skin layers. Biomedical Chromatography, 2017, 31, e3804.	0.8	11
75	Main Reasons for Registration Application Refusal of Generic and Similar Pharmaceutical Drug Products by the Brazilian Health Regulatory Agency (ANVISA). BioMed Research International, 2017, 2017, 1-10.	0.9	8
76	Voriconazole-loaded nanostructured lipid carriers (NLC) for drug delivery in deeper regions of the nail plate. International Journal of Pharmaceutics, 2017, 531, 292-298.	2.6	42
77	Tyrosinase inhibitory activity, molecular docking studies and antioxidant potential of chemotypes of Lippia organoides (Verbenaceae) essential oils. PLoS ONE, 2017, 12, e0175598.	1.1	33
78	As boas práticas de fabricação de medicamentos e suas determinantes. Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia, 2017, 5, 34.	0.3	3
79	Iontophoresis: Basic Principles. , 2017, , 61-65.		1
80	Iontophoretic Transport Mechanisms and Factors Affecting Electrically Assisted Delivery. , 2017, , 67-76.		0
81	Principais razões técnicas para o indeferimento de registro de medicamentos em 2015. Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia, 2017, 5, 127.	0.3	0
82	Liquid crystalline systems containing Vitamin E TPGS for the controlled transdermal nicotine delivery. Brazilian Journal of Pharmaceutical Sciences, 2016, 52, 191-200.	1.2	11
83	Infusão subcutânea contínua de insulina: cenário nacional e internacional. Cadernos Saude Coletiva, 2016, 24, 496-501.	0.2	2
84	Voriconazole-Loaded Nanostructured Lipid Carriers for Ocular Drug Delivery. Cornea, 2016, 35, 866-871.	0.9	37
85	Development and validation of a selective HPLC-UV method for thymol determination in skin permeation experiments. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1022, 81-86.	1.2	29
86	Minoxidil topical treatment may be more efficient if applied on damp scalp in comparison with dry scalp. Dermatologic Therapy, 2016, 29, 330-333.	0.8	13
87	Nanostructured lipid carriers for targeting drug delivery to the epidermal layer. Therapeutic Delivery, 2016, 7, 735-737.	1.2	12
88	Clobetasol-loaded nanostructured lipid carriers for epidermal targeting. Journal of Pharmacy and Pharmacology, 2016, 68, 742-750.	1.2	44
89	Topical and Transdermal Delivery of Drug-Loaded Nano/ Microsystems with Application of Physical Enhancement Techniques. Current Drug Targets, 2016, 17, 1545-1559.	1.0	12
90	Influence of monoolein on progesterone transdermal delivery. Brazilian Journal of Pharmaceutical Sciences, 2015, 51, 923-929.	1.2	4

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91	Development and Validation of a Simple and Selective Analytical HPLC Method for the Quantification of Oxaliplatin. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	0.9	14
92	Chitosan nanoparticles for targeting and sustaining minoxidil sulphate delivery to hair follicles. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 225-229.	3.6	98
93	An Update of the Brazilian Regulatory Bioequivalence Recommendations for Approval of Generic Topical Dermatological Drug Products. <i>AAPS Journal</i> , 2015, 17, 1517-1518.	2.2	5
94	Liposomal voriconazole (VOR) formulation for improved ocular delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 331-338.	2.5	79
95	Overcoming hurdles in iontophoretic drug delivery: is skin the only barrier?. <i>Therapeutic Delivery</i> , 2014, 5, 493-496.	1.2	3
96	Topical Iontophoresis for Targeted Local Drug Delivery to the Eye and Skin. <i>Advances in Delivery Science and Technology</i> , 2014, , 263-284.	0.4	2
97	Targeted local simultaneous iontophoresis of chemotherapeutics for topical therapy of head and neck cancers. <i>International Journal of Pharmaceutics</i> , 2014, 460, 24-27.	2.6	34
98	Iontophoretic transport kinetics of ketorolac in vitro and in vivo: Demonstrating local enhanced topical drug delivery to muscle. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 219-226.	2.0	31
99	Mathematical models to describe iontophoretic transport in vitro and in vivo and the effect of current application on the skin barrier. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 315-329.	6.6	73
100	Next generation intra- and transdermal therapeutic systems: Using non- and minimally-invasive technologies to increase drug delivery into and across the skin. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 609-622.	1.9	99
101	Iontophoresis-Targeted, Follicular Delivery of Minoxidil Sulfate for the Treatment of Alopecia. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1488-1494.	1.6	36
102	Development and validation of a HPAE- $\mu$ PAD method for the quantification of CGP69669A, a sialyl Lewis <sup>x</sup> mimetic, in skin permeation studies. <i>Biomedical Chromatography</i> , 2012, 26, 507-511.	0.8	3
103	Cutaneous iontophoretic delivery of CGP69669A, a sialyl Lewis <sup>x</sup> mimetic, <i>in vitro</i> . <i>Experimental Dermatology</i> , 2012, 21, 226-228.	1.4	3
104	The influence of positive or negative charges in the passive and iontophoretic skin penetration of porphyrins used in photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 249-256.	2.0	36
105	Enhancing and sustaining the topical ocular delivery of fluconazole using chitosan solution and poloxamer/chitosan in situ forming gel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 320-327.	2.0	135
106	Non-invasive iontophoretic delivery of peptides and proteins across the skin. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 645-663.	2.4	42
107	Chitosan microparticles for sustaining the topical delivery of minoxidil sulphate. <i>Journal of Microencapsulation</i> , 2011, 28, 650-658.	1.2	54
108	Excised Porcine Cornea Integrity Evaluation in an in vitro Model of Iontophoretic Ocular Research. <i>Ophthalmic Research</i> , 2010, 43, 208-216.	1.0	29

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109	Penetration of Quantum Dot Particles Through Human Skin. Journal of Biomedical Nanotechnology, 2010, 6, 586-595.	0.5	60
110	Current efforts and the potential of nanomedicine in treating fungal keratitis. Expert Review of Ophthalmology, 2010, 5, 365-384.	0.3	12
111	A poloxamer/chitosan in situ forming gel with prolonged retention time for ocular delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 186-193.	2.0	283
112	The Effects of pH and Ionic Strength on Topical Delivery of a Negatively Charged Porphyrin (TPPS4). Journal of Pharmaceutical Sciences, 2008, 97, 4249-4257.	1.6	36
113	Princípios básicos e aplicação da iontoforese na penetração cutânea de fármacos. Química Nova, 2008, 31, 1490-1498.	0.3	17
114	Doxorubicin skin penetration from monoolein-containing propylene glycol formulations. International Journal of Pharmaceutics, 2007, 329, 88-93.	2.6	57
115	Iontophoresis on minoxidil sulphate-loaded chitosan nanoparticles accelerates drug release, decreasing their targeting effect to hair follicles. Química Nova, 0, , .	0.3	2
116	Topical ophthalmic antimicrobials: unfulfilled demands and possibility of new investments in Brazil and in the United States. Brazilian Journal of Pharmaceutical Sciences, 0, 55, .	1.2	2
117	Nanostructured Lipid Carriers Loaded with an Association of Minoxidil and Latanoprost for Targeted Topical Therapy of Alopecia. SSRN Electronic Journal, 0, , .	0.4	0