

Catarina Pinto Reis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2896097/publications.pdf>

Version: 2024-02-01

131
papers

4,733
citations

136740

32
h-index

110170

64
g-index

140
all docs

140
docs citations

140
times ranked

6630
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic advances in wound healing. <i>Journal of Dermatological Treatment</i> , 2022, 33, 2-22.	1.1	45
2	The Role of Rosmarinic Acid on the Bioproduction of Gold Nanoparticles as Part of a Photothermal Approach for Breast Cancer Treatment. <i>Biomolecules</i> , 2022, 12, 71.	1.8	13
3	Application of natural raw materials for development of cosmetics through nanotechnology. , 2022, , 157-201.		2
4	Liposomal Formulations of a New Zinc(II) Complex Exhibiting High Therapeutic Potential in a Murine Colon Cancer Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6728.	1.8	10
5	New iron(III) anti-cancer aminobisphenolate/phenanthroline complexes: Enhancing their therapeutic potential using nanoliposomes. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121925.	2.6	6
6	Targeted delivery in scleroderma fibrosis. <i>Autoimmunity Reviews</i> , 2021, 20, 102730.	2.5	10
7	Proof-of-Concept Study of Multifunctional Hybrid Nanoparticle System Combined with NIR Laser Irradiation for the Treatment of Melanoma. <i>Biomolecules</i> , 2021, 11, 511.	1.8	17
8	Gold-Based Nanoplataform for the Treatment of Anaplastic Thyroid Carcinoma: A Step Forward. <i>Cancers</i> , 2021, 13, 1242.	1.7	18
9	Development of a Topical Insulin Polymeric Nanoformulation for Skin Burn Regeneration: An Experimental Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4087.	1.8	6
10	A Newfangled Collagenase Inhibitor Topical Formulation Based on Ethosomes with Sambucus nigra L. Extract. <i>Pharmaceutics</i> , 2021, 14, 467.	1.7	9
11	Dehydroabietic Acid Microencapsulation Potential as Biofilm-Mediated Infections Treatment. <i>Pharmaceutics</i> , 2021, 13, 825.	2.0	5
12	Oral insulin delivery: utopia, currently possible or a near reality?. <i>Therapeutic Delivery</i> , 2021, 12, 477-488.	1.2	4
13	Self-Assembly Nanoparticles of Natural Bioactive Abietane Diterpenes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10210.	1.8	5
14	Noncovalent Interactions with PAMAM and PPI Dendrimers Promote the Cellular Uptake and Photodynamic Activity of Rose Bengal: The Role of the Dendrimer Structure. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15758-15771.	2.9	11
15	Superparamagnetic Ag-Fe ₃ O ₄ composites nanoparticles for magnetic fluid hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168242.	1.0	45
16	Recent advances in ionic liquids and nanotechnology for drug delivery. <i>Nanomedicine</i> , 2021, 16, 63-80.	1.7	24
17	Advances in nanotechnology-related strategies against melanoma. , 2021, , 385-424.		2
18	An Overview on Ionic Liquids: A New Frontier for Nanopharmaceuticals. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 181-204.	0.3	5

#	ARTICLE	IF	CITATIONS
19	The latest developments in the area of therapeutic delivery excluding some diseases, such as COVID-19 and the big three (HIV/AIDS, malaria and tuberculosis). <i>Therapeutic Delivery</i> , 2021, 12, 799-805.	1.2	2
20	Safety and efficacy assessment of aerogels for biomedical applications. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112356.	2.5	24
21	Therapeutic Implications of Nanopharmaceuticals in Skin Delivery. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 205-272.	0.3	0
22	Natural Products and Nanopharmaceuticals. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 113-154.	0.3	0
23	The Challenging Melanoma Landscape: From Early Drug Discovery to Clinical Approval. <i>Cells</i> , 2021, 10, 3088.	1.8	22
24	A Comprehensive Updated Review on Magnetic Nanoparticles in Diagnostics. <i>Nanomaterials</i> , 2021, 11, 3432.	1.9	34
25	Metabolomic Profile and Biological Properties of Sea Lavender (<i>Limonium algarvense</i> Erben) Plants Cultivated with Aquaculture Wastewaters: Implications for Its Use in Herbal Formulations and Food Additives. <i>Foods</i> , 2021, 10, 3104.	1.9	11
26	Nanogold-based materials in medicine: from their origins to their future. <i>Nanomedicine</i> , 2021, 16, 2695-2723.	1.7	12
27	An update of advanced nanoplatfoms for Glioblastoma Multiforme Management.. <i>EXCLI Journal</i> , 2021, 20, 1544-1570.	0.5	8
28	Novel and revisited approaches in nanoparticle systems for buccal drug delivery. <i>Journal of Controlled Release</i> , 2020, 320, 125-141.	4.8	83
29	Growth performance, in vitro antioxidant properties and chemical composition of the halophyte <i>Limonium algarvense</i> Erben are strongly influenced by the irrigation salinity. <i>Industrial Crops and Products</i> , 2020, 143, 111930.	2.5	16
30	If you cannot beat them, join them: Exploring the fruits of the invasive species <i>Carpobrotus edulis</i> (L.) N.E. Br as a source of bioactive products. <i>Industrial Crops and Products</i> , 2020, 144, 112005.	2.5	19
31	Royleanone Derivatives From <i>Plectranthus</i> spp. as a Novel Class of P-Glycoprotein Inhibitors. <i>Frontiers in Pharmacology</i> , 2020, 11, 557789.	1.6	9
32	Further Evidence of Possible Therapeutic Uses of <i>Sambucus nigra</i> L. Extracts by the Assessment of the In Vitro and In Vivo Anti-Inflammatory Properties of Its PLGA and PCL-Based Nanoformulations. <i>Pharmaceutics</i> , 2020, 12, 1181.	2.0	19
33	Preliminary Assays towards Melanoma Cells Using Phototherapy with Gold-Based Nanomaterials. <i>Nanomaterials</i> , 2020, 10, 1536.	1.9	20
34	Unveiling the Mechanism of Action of 7 β -acetoxy-6 β -hydroxyroyleanone on an MRSA/VISA Strain: Membrane and Cell Wall Interactions. <i>Biomolecules</i> , 2020, 10, 983.	1.8	5
35	Experimental Models as Refined Translational Tools for Breast Cancer Research. <i>Scientia Pharmaceutica</i> , 2020, 88, 32.	0.7	18
36	A new approach for cancer treatment: from specific induction of breast cancer to innovative gold-nanoparticle mediated thermal therapies. , 2020, , 269-298.		0

#	ARTICLE	IF	CITATIONS
37	A Step Forward in Breast Cancer Research: From a Natural-Like Experimental Model to a Preliminary Photothermal Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9681.	1.8	14
38	Synchronous insight of in vitro and in vivo biological activities of <i>Sambucus nigra</i> L. extracts for industrial uses. <i>Industrial Crops and Products</i> , 2020, 154, 112709.	2.5	17
39	Assessment of the Potential Skin Application of <i>Plectranthus ecklonii</i> Benth.. <i>Pharmaceuticals</i> , 2020, 13, 120.	1.7	12
40	Anti-Migratory and Pro-Apoptotic Properties of Parvifloron D on Triple-Negative Breast Cancer Cells. <i>Biomolecules</i> , 2020, 10, 158.	1.8	11
41	How Can Biomolecules Improve Mucoadhesion of Oral Insulin? A Comprehensive Insight using Ex-Vivo, In Silico, and In Vivo Models. <i>Biomolecules</i> , 2020, 10, 675.	1.8	15
42	A Novel Hybrid Nanosystem Integrating Cytotoxic and Magnetic Properties as a Tool to Potentiate Melanoma Therapy. <i>Nanomaterials</i> , 2020, 10, 693.	1.9	13
43	Nanomaterials in wound healing: From material sciences to wound healing applications. <i>Nano Select</i> , 2020, 1, 443-460.	1.9	64
44	Natural-based consumer health nanoproducts: medicines, cosmetics, and food supplements. , 2020, , 527-578.		7
45	Green extraction of <i>Sambucus nigra</i> L. for potential application in skin nanocarriers. <i>Green Materials</i> , 2020, 8, 181-193.	1.1	10
46	Anaplastic thyroid cancer: How far can we go?. <i>EXCLI Journal</i> , 2020, 19, 800-812.	0.5	7
47	Optimization of nanostructured lipid carriers loaded with retinoids by central composite design. <i>Journal of Molecular Liquids</i> , 2019, 293, 111468.	2.3	29
48	Phytosomes with Persimmon (<i>Diospyros kaki</i> L.) Extract: Preparation and Preliminary Demonstration of In Vivo Tolerability. <i>Pharmaceutics</i> , 2019, 11, 296.	2.0	29
49	An industry update in therapeutics: what is the latest news?. <i>Therapeutic Delivery</i> , 2019, 10, 401-407.	1.2	2
50	Parvifloron D from <i>Plectranthus strigosus</i> : Cytotoxicity Screening of <i>Plectranthus</i> spp. Extracts. <i>Biomolecules</i> , 2019, 9, 616.	1.8	8
51	Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells. <i>Cancers</i> , 2019, 11, 1733.	1.7	24
52	Current Trends in Cancer Nanotheranostics: Metallic, Polymeric, and Lipid-Based Systems. <i>Pharmaceutics</i> , 2019, 11, 22.	2.0	146
53	Combination of hyaluronic acid and PLGA particles as hybrid systems for viscosupplementation in osteoarthritis. <i>International Journal of Pharmaceutics</i> , 2019, 559, 13-22.	2.6	22
54	Comparison Study of Different Extracts of <i>Plectranthus madagascariensis</i> , <i>P. neochilus</i> and the Rare <i>P. porcatus</i> (Lamiaceae): Chemical Characterization, Antioxidant, Antimicrobial and Cytotoxic Activities. <i>Biomolecules</i> , 2019, 9, 179.	1.8	15

#	ARTICLE	IF	CITATIONS
55	Cytotoxic Activity of Royleanone Diterpenes from <i>Plectranthus madagascariensis</i> Benth. ACS Omega, 2019, 4, 8094-8103.	1.6	24
56	Naturally Occurring Plectranthus-derived Diterpenes with Antitumoral Activities. Current Pharmaceutical Design, 2019, 24, 4207-4236.	0.9	13
57	Extraction Optimization and Structural and Thermal Characterization of the Antimicrobial Abietane 7 β -Acetoxy-6 β -hydroxyroyleanone. Molecular Pharmaceutics, 2018, 15, 1412-1419.	2.3	15
58	An industry update: what is the latest news in the therapeutic delivery field?. Therapeutic Delivery, 2018, 9, 325-332.	1.2	0
59	<i>Rosmarinus officinalis</i> L.: an update review of its phytochemistry and biological activity. Future Science OA, 2018, 4, FSO283.	0.9	185
60	Bioadhesive polymeric nanoparticles as strategy to improve the treatment of yeast infections in oral cavity: in-vitro and ex-vivo studies. European Polymer Journal, 2018, 104, 19-31.	2.6	35
61	Design and evaluation of novel topical formulation with olive oil as natural functional active. Pharmaceutical Development and Technology, 2018, 23, 794-805.	1.1	22
62	Development of Parvifloron D-loaded Smart Nanoparticles to Target Pancreatic Cancer. Pharmaceutics, 2018, 10, 216.	2.0	26
63	Emerging therapeutic nanotechnologies in pancreatic cancer: advances, risks and challenges. Therapeutic Delivery, 2018, 9, 691-694.	1.2	7
64	Development of a bioadhesive nanoformulation with <i>Glycyrrhiza glabra</i> L. extract against <i>Candida albicans</i> . Biofouling, 2018, 34, 880-892.	0.8	14
65	Antitubercular and anti-inflammatory properties screening of natural products from <i>Plectranthus</i> species. Future Medicinal Chemistry, 2018, 10, 1677-1691.	1.1	5
66	Mucoadhesive assessment of different antifungal nanoformulations. Bioinspiration and Biomimetics, 2018, 13, 055001.	1.5	18
67	Supercritical CO ₂ Extracts and Volatile Oil of Basil (<i>Ocimum basilicum</i> L.) Comparison with Conventional Methods. Separations, 2018, 5, 21.	1.1	23
68	Anticancer properties of the abietane diterpene 6,7-dehydroroyleanone obtained by optimized extraction. Future Medicinal Chemistry, 2018, 10, 1177-1189.	1.1	20
69	An emerging integration between ionic liquids and nanotechnology: general uses and future prospects in drug delivery. Therapeutic Delivery, 2017, 8, 461-473.	1.2	38
70	Nanotechnological strategies for nerve growth factor delivery: Therapeutic implications in Alzheimer's disease. Pharmacological Research, 2017, 120, 68-87.	3.1	67
71	Broad overview of engineering of functional nanosystems for skin delivery. International Journal of Pharmaceutics, 2017, 532, 710-728.	2.6	45
72	Design of Finasteride-Loaded Nanoparticles for Potential Treatment of Alopecia. Skin Pharmacology and Physiology, 2017, 30, 197-204.	1.1	53

#	ARTICLE	IF	CITATIONS
73	Chapter 7: Preparation of Drug-Loaded Polymeric Nanoparticles. , 2017, , 171-214.		11
74	Biological activity screening of seven <i>Plectranthus</i> species. <i>Biomedical and Biopharmaceutical Research</i> , 2017, 14, 95-108.	0.0	5
75	Phytosomes as Biocompatible Carriers of Natural Drugs. <i>Current Medicinal Chemistry</i> , 2017, 24, 568-589.	1.2	16
76	Pancreatic Cancer Therapy Review: From Classic Therapeutic Agents to Modern Nanotechnologies. <i>Current Drug Metabolism</i> , 2017, 18, 346-359.	0.7	34
77	Past, Recent Progresses and Future Perspectives of Nanotechnology Applied to Antifungal Agents. <i>Current Drug Metabolism</i> , 2017, 18, 280-290.	0.7	5
78	Nanosystems for Skin Delivery: From Drugs to Cosmetics. <i>Current Drug Metabolism</i> , 2017, 18, 412-425.	0.7	23
79	Preparation of Drug-Loaded Polymeric Nanoparticles. , 2017, , 171-214.		0
80	Natural Products as Lead Protein Kinase C Modulators for Cancer Therapy. <i>Studies in Natural Products Chemistry</i> , 2016, , 45-79.	0.8	12
81	Antioxidant activity and rosmarinic acid content of ultrasound-assisted ethanolic extracts of medicinal plants. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 89, 328-332.	2.5	51
82	Bioproduction of gold nanoparticles for photothermal therapy. <i>Therapeutic Delivery</i> , 2016, 7, 287-304.	1.2	34
83	Bile acids and bile acid derivatives: use in drug delivery systems and as therapeutic agents. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1133-1148.	2.4	97
84	Multicomponent Pictet-Spengler Mannich Preparation of Alkylaminophenols and Antimicrobial Activity Studies. <i>ChemMedChem</i> , 2016, 11, 2015-2023.	1.6	31
85	Functionalized diterpene parvifloron D-loaded hybrid nanoparticles for targeted delivery in melanoma therapy. <i>Therapeutic Delivery</i> , 2016, 7, 521-544.	1.2	20
86	Choline-Based Ionic Liquids: Improvement of Antimicrobial Activity. <i>ChemistrySelect</i> , 2016, 1, 5909-5916.	0.7	36
87	An Overview of Pharmaceutical Excipients: Safe or Not Safe?. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2019-2026.	1.6	88
88	Innovative formulation of nystatin particulate systems in toothpaste for candidiasis treatment. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 282-287.	1.1	29
89	Unsaponifiable matter from oil of green coffee beans: cosmetic properties and safety evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1695-1699.	0.9	12
90	Nanotechnology for Oral Drug Delivery and Targeting. , 2016, , 20-51.		1

#	ARTICLE	IF	CITATIONS
91	EGF Functionalized Polymer-Coated Gold Nanoparticles Promote EGF Photostability and EGFR Internalization for Photothermal Therapy. PLoS ONE, 2016, 11, e0165419.	1.1	36
92	Reactivity of Diterpenoid Quinones: Royleanones.. Current Pharmaceutical Design, 2016, 22, 1682-1714.	0.9	20
93	Multiple Source Phototherapy in Breast Cancer: A Viability Study. , 2016, , .		0
94	Microbiological control of parenteral dosage forms. Biomedical and Biopharmaceutical Research, 2016, 9, 95-101.	0.0	0
95	Hybrid nanoparticles for photodynamic and targeted cancer therapy: Cytotoxicity studies. Toxicology Letters, 2015, 238, S204.	0.4	0
96	Cytotoxicity screening of Plectranthus spp. extracts and individual components in MDA-MB-231 cells. Toxicology Letters, 2015, 238, S240.	0.4	1
97	Synthesis and characterization of S-nitrosoglutathione-oligosaccharide-chitosan as a nitric oxide donor. Expert Opinion on Drug Delivery, 2015, 12, 1209-1223.	2.4	8
98	Polymeric nanoparticles modified with fatty acids encapsulating betamethasone for anti-inflammatory treatment. International Journal of Pharmaceutics, 2015, 493, 271-284.	2.6	63
99	Production and characterization of nanoparticles containing methanol extracts of Portuguese Lavenders. Measurement: Journal of the International Measurement Confederation, 2015, 74, 170-177.	2.5	18
100	Good manufacturing practices for medicinal products for human use. Journal of Pharmacy and Bioallied Sciences, 2015, 7, 87.	0.2	54
101	Lysozyme Photochemistry as a Function of Temperature. The Protective Effect of Nanoparticles on Lysozyme Photostability. PLoS ONE, 2015, 10, e0144454.	1.1	9
102	Antimicrobial screening of Plectranthus madagascariensis and P. neochilus extracts. Biomedical and Biopharmaceutical Research, 2015, 12, 127-138.	0.0	2
103	Plectranthus madagascariensis phytosomes: formulation optimization. Biomedical and Biopharmaceutical Research, 2015, 12, 223-231.	0.0	4
104	A novel topical association with zinc oxide, chamomile and aloe vera extracts - stability and safety studies. Biomedical and Biopharmaceutical Research, 2015, 12, 251-264.	0.0	1
105	Antimicrobial Plant Extracts Encapsulated into Polymeric Beads for Potential Application on the Skin. Polymers, 2014, 6, 479-490.	2.0	57
106	Optimization of medicinal plant extraction methods and their encapsulation through extrusion technology. Measurement: Journal of the International Measurement Confederation, 2014, 58, 249-255.	2.5	43
107	Design of polymeric nanoparticles and its applications as drug delivery systems for acne treatment. Drug Development and Industrial Pharmacy, 2014, 40, 409-417.	0.9	30
108	Wavefront shaping using a deformable mirror for focusing inside optical tissue phantoms. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
109	Oral Delivery of Biopharmaceuticals. , 2014, , 125-147.		2
110	Abietane diterpenes from <i>Plectranthus madagascariensis</i> : A cytotoxicity screening. <i>Planta Medica</i> , 2014, 80, .	0.7	3
111	Optimization of the encapsulation efficiency of a novel oral insulin delivery nanosystem. <i>Biomedical and Biopharmaceutical Research</i> , 2014, 11, 111-119.	0.0	1
112	Antimicrobial screening of <i>Plectranthus madagascariensis</i> Benth. extracts. <i>Planta Medica</i> , 2014, 80, .	0.7	0
113	Development and Evaluation of a Novel Topical Treatment for Acne with Azelaic Acid-Loaded Nanoparticles. <i>Microscopy and Microanalysis</i> , 2013, 19, 1141-1150.	0.2	40
114	Drug carriers for oral delivery of peptides and proteins: accomplishments and future perspectives. <i>Therapeutic Delivery</i> , 2013, 4, 251-265.	1.2	26
115	Hydrocortisone-loaded poly(ϵ -caprolactone) nanoparticles for atopic dermatitis treatment. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 710-718.	1.1	52
116	Hydrocortisone acetate-loaded PCL nanoparticles as an innovative dermatological therapy for atopic dermatitis. <i>Biomedical and Biopharmaceutical Research</i> , 2013, 10, 73-82.	0.0	0
117	Effects of an oral insulin nanoparticle administration on hepatic glucose metabolism assessed by ^{13}C and ^2H isotopomer analysis. <i>Journal of Microencapsulation</i> , 2012, 29, 167-176.	1.2	3
118	Nanotechnology as a Promising Strategy for Alternative Routes of Insulin Delivery. <i>Methods in Enzymology</i> , 2012, 508, 271-294.	0.4	30
119	Nanotechnology applied to drug delivery “ formulation, development and characterization studies. <i>Biomedical and Biopharmaceutical Research</i> , 2012, 9, 103-109.	0.0	0
120	Recent Advances in Drug Delivery Systems. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2011, 02, 510-526.	1.0	146
121	The influence of two different techniques on the particle size and zeta potential of poly (D,L-Lactide-co-glycolide) nanoparticles. <i>Biomedical and Biopharmaceutical Research</i> , 2011, 8, 329-338.	0.0	0
122	Nanoparticulate biopolymers deliver insulin orally eliciting pharmacological response. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 5290-5305.	1.6	84
123	Nanoparticle strategies for the oral delivery of insulin. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 45-68.	2.4	115
124	Toxicological assessment of orally delivered nanoparticulate insulin. <i>Nanotoxicology</i> , 2008, 2, 205-217.	1.6	32
125	Polyelectrolyte Biomaterial Interactions Provide Nanoparticulate Carrier for Oral Insulin Delivery. <i>Drug Delivery</i> , 2008, 15, 127-139.	2.5	73
126	Alginate microparticles as novel carrier for oral insulin delivery. <i>Biotechnology and Bioengineering</i> , 2007, 96, 977-989.	1.7	65

#	ARTICLE	IF	CITATIONS
127	Nanoparticulate delivery system for insulin: Design, characterization and in vitro/in vivo bioactivity. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 392-397.	1.9	126
128	Design of insulin-loaded alginate nanoparticles: Influence of the calcium ion on polymer gel matrix properties. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2006, 12, 47-52.	0.4	28
129	Nanoencapsulation I. Methods for preparation of drug-loaded polymeric nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006, 2, 8-21.	1.7	1,080
130	Nanoencapsulation II. Biomedical applications and current status of peptide and protein nanoparticulate delivery systems. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006, 2, 53-65.	1.7	193
131	Review and current status of emulsion/dispersion technology using an internal gelation process for the design of alginate particles. <i>Journal of Microencapsulation</i> , 2006, 23, 245-257.	1.2	182