

Hernan Cortes

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,156
citations

393982

19
h-index

433756

31
g-index

65
all docs

65
docs citations

65
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Current progress of self-healing polymers for medical applications in tissue engineering. Iranian Polymer Journal (English Edition), 2022, 31, 7-29.	1.3	8
2	Alterations in mental health and quality of life in patients with skin disorders: a narrative review. International Journal of Dermatology, 2022, 61, 783-791.	0.5	21
3	Indole-3-Carbinol, a Phytochemical Aryl Hydrocarbon Receptor-Ligand, Induces the mRNA Overexpression of UBE2L3 and Cell Proliferation Arrest. Current Issues in Molecular Biology, 2022, 44, 2054-2068.	1.0	7
4	Preparation of chitosan-graft N-hydroxyethyl acrylamide copolymers as an in vitro-engineered skin. Materials Letters, 2022, 324, 132783.	1.3	2
5	Increased risk of depression and impairment in quality of life in patients with lamellar ichthyosis. Dermatologic Therapy, 2021, 34, e14628.	0.8	7
6	Development of films from natural sources for infections during wound healing. Cellular and Molecular Biology, 2021, 67, 96-100.	0.3	6
7	Development of a guar gum film with lysine clonixinate for periodontal treatments. Cellular and Molecular Biology, 2021, 67, 89-95.	0.3	3
8	Physicochemical and biological characterization of a xanthan gum-polyvinylpyrrolidone hydrogel obtained by gamma irradiation. Cellular and Molecular Biology, 2021, 67, 73.	0.3	0
9	Synthesis by gamma irradiation of hyaluronic acid-polyvinyl alcohol hydrogel for biomedical applications. Cellular and Molecular Biology, 2021, 67, 58-63.	0.3	5
10	Development of a xanthan gum film for the possible treatment of vaginal infections. Cellular and Molecular Biology, 2021, 67, 80-88.	0.3	4
11	Association of TLR4 gene polymorphisms with sepsis after a burn injury: findings of the functional role of rs2737190 SNP. Genes and Immunity, 2021, 22, 24-34.	2.2	4
12	Antioxidant potential of family Cucurbitaceae with special emphasis on <i>Cucurbita</i> genus: A key to alleviate oxidative stress-mediated disorders. Phytotherapy Research, 2021, 35, 3533-3557.	2.8	14
13	Insights into Terminal Sterilization Processes of Nanoparticles for Biomedical Applications. Molecules, 2021, 26, 2068.	1.7	19
14	A NEW FORMULATION OF CINNAMON OIL AND CHITOSAN DEPOLYMERIZED AGAINST OPPORTUNISTIC MICROORGANISMS DURING WOUND HEALING. Farmacia, 2021, 69, 509-514.	0.1	1
15	Non-Ionic Surfactants for Stabilization of Polymeric Nanoparticles for Biomedical Uses. Materials, 2021, 14, 3197.	1.3	81
16	Therapeutic Applications of Terpenes on Inflammatory Diseases. Frontiers in Pharmacology, 2021, 12, 704197.	1.6	40
17	Resveratrol-Based Nanoformulations as an Emerging Therapeutic Strategy for Cancer. Frontiers in Molecular Biosciences, 2021, 8, 649395.	1.6	34
18	Gamma radiation-induced grafting of poly(2-aminoethyl methacrylate) onto chitosan: A comprehensive study of a polyurethane scaffold intended for skin tissue engineering. Carbohydrate Polymers, 2021, 270, 117916.	5.1	8

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19	Radiation-induced graft polymerization of elastin onto polyvinylpyrrolidone as a possible wound dressing. Cellular and Molecular Biology, 2021, 67, 64-72.	0.3	2
20	Curcumin for parkinson's disease: potential therapeutic effects, molecular mechanisms, and nanoformulations to enhance its efficacy. Cellular and Molecular Biology, 2021, 67, 101.	0.3	6
21	A poly (saccharide-ester-urethane) scaffold for mammalian cell growth. Cellular and Molecular Biology, 2021, 67, 113-117.	0.3	0
22	The high methylation level of a novel 151-bp CpG island in the ESR1 gene promoter is associated with a poor breast cancer prognosis. Cancer Cell International, 2021, 21, 649.	1.8	3
23	Non-invasive methods for evaluation of skin manifestations in patients with ichthyosis. Archives of Dermatological Research, 2020, 312, 231-236.	1.1	6
24	Pharmacological treatments for cutaneous manifestations of inherited ichthyoses. Archives of Dermatological Research, 2020, 312, 237-248.	1.1	9
25	D ₂ autoreceptor switches CB ₂ receptor effects on [³ H]dopamine release in the striatum. Synapse, 2020, 74, e22139.	0.6	10
26	Chitosan-decorated nanoparticles for drug delivery. Journal of Drug Delivery Science and Technology, 2020, 59, 101896.	1.4	43
27	Coexistence of Fragile-X Syndrome, 8p23.1 Deletion, and Balanced Translocation t(7;10)(p10;q24) in a Single Family. Genetic Testing and Molecular Biomarkers, 2020, 24, 527-531.	0.3	0
28	Dopamine D4 receptor modulates inhibitory transmission in pallidum pallidal terminals and regulates motor behavior. European Journal of Neuroscience, 2020, 52, 4563-4585.	1.2	4
29	A Reevaluation of Chitosan-Decorated Nanoparticles to Cross the Blood-Brain Barrier. Membranes, 2020, 10, 212.	1.4	39
30	RECENT ADVANCES IN ELASTIN-BASED BIOMATERIALS. Journal of Pharmacy and Pharmaceutical Sciences, 2020, 23, 314-332.	0.9	20
31	High prevalence of autosomal recessive congenital ichthyosis in a Mexican population caused by a new mutation in the TGM1 gene: epidemiological evidence of a founder effect. International Journal of Dermatology, 2020, 59, 969-977.	0.5	8
32	Gamma radiation-induced grafting of n-hydroxyethyl acrylamide onto poly(3-hydroxybutyrate): A companion study on its polyurethane scaffolds meant for potential skin tissue engineering applications. Materials Science and Engineering C, 2020, 116, 111176.	3.8	9
33	Altered Plasma Acylcarnitines and Amino Acids Profile in Spinocerebellar Ataxia Type 7. Biomolecules, 2020, 10, 390.	1.8	8
34	Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. Journal of Clinical Medicine, 2020, 9, 746.	1.0	57
35	Coexistence of D ₃ R typical and atypical signaling in striatonigral neurons during dopaminergic denervation. Correlation with D ₃ expression changes. Synapse, 2020, 74, e22152.	0.6	4
36	Repurposing of Drug Candidates for Treatment of Skin Cancer. Frontiers in Oncology, 2020, 10, 605714.	1.3	17

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37	Cordyceps spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials. <i>Frontiers in Pharmacology</i> , 2020, 11, 602364.	1.6	57
38	Hyaluronic acid in wound dressings. <i>Cellular and Molecular Biology</i> , 2020, 66, 191-198.	0.3	39
39	Xanthan gum in drug release. <i>Cellular and Molecular Biology</i> , 2020, 66, 199-207.	0.3	35
40	Breast cancer-related single-nucleotide polymorphism and their risk contribution in Mexican women. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 1279.	0.3	1
41	From traditional biochemical signals to molecular markers for detection of sepsis after burn injuries. <i>Burns</i> , 2019, 45, 16-31.	1.1	27
42	Development and Evaluation of Alginate Membranes with Curcumin-Loaded Nanoparticles for Potential Wound-Healing Applications. <i>Pharmaceutics</i> , 2019, 11, 389.	2.0	36
43	Blockade of Intranigral and Systemic D3 Receptors Stimulates Motor Activity in the Rat Promoting a Reciprocal Interaction Among Glutamate, Dopamine, and GABA. <i>Biomolecules</i> , 2019, 9, 511.	1.8	5
44	Severity of Dyskinesia and D3R Signaling Changes Induced by L-DOPA Treatment of Hemiparkinsonian Rats Are Features Inherent to the Treated Subjects. <i>Biomolecules</i> , 2019, 9, 431.	1.8	7
45	Effects of Physical Rehabilitation in Patients with Spinocerebellar Ataxia Type 7. <i>Cerebellum</i> , 2019, 18, 397-405.	1.4	23
46	Modifications in Vaginal Microbiota and Their Influence on Drug Release: Challenges and Opportunities. <i>Pharmaceutics</i> , 2019, 11, 217.	2.0	39
47	Oropharyngeal dysphagia in early stages of myotonic dystrophy type 1. <i>Muscle and Nerve</i> , 2019, 60, 90-95.	1.0	3
48	Presynaptic control of [³ H]-glutamate release by dopamine receptor subtypes in the rat substantia nigra. Central role of D1 and D3 receptors. <i>Neuroscience</i> , 2019, 406, 563-579.	1.1	12
49	Formulations of Curcumin Nanoparticles for Brain Diseases. <i>Biomolecules</i> , 2019, 9, 56.	1.8	112
50	Noninvasive analysis of skin mechanical properties in patients with lamellar ichthyosis. <i>Skin Research and Technology</i> , 2019, 25, 375-381.	0.8	8
51	Comprehensive mapping of human body skin hydration: A pilot study. <i>Skin Research and Technology</i> , 2019, 25, 187-193.	0.8	7
52	Presynaptic Dopamine D2 Receptors Modulate [³ H]GABA Release at StriatoPallidal Terminals via Activation of PLC β 3 α Calcineurin and Inhibition of AC β cAMP β PKA Signaling Cascades. <i>Neuroscience</i> , 2019, 372, 74-86.	1.5	15
53	Presynaptic cannabinoid CB2 receptors modulate [³ H]Glutamate release at subthalamo-nigral terminals of the rat. <i>Synapse</i> , 2018, 72, e22061.	0.6	28
54	Origin of the myotonic dystrophy type 1 mutation in Mexican population and influence of Amerindian ancestry on CTG repeat allelic distribution. <i>Neuromuscular Disorders</i> , 2017, 27, 1106-1114.	0.3	4

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55	Nanotechnology As Potential Tool for siRNA Delivery in Parkinson's Disease. <i>Current Drug Targets</i> , 2017, 18, 1866-1879.	1.0	10
56	Cannabinoid-induced depression of synaptic transmission is switched to stimulation when dopaminergic tone is increased in the globus pallidus of the rodent. <i>Neuropharmacology</i> , 2016, 110, 407-418.	2.0	25
57	Dopaminergic denervation switches dopamine D3 receptor signaling and disrupts its Ca ²⁺ dependent modulation by CaMKII and calmodulin in striatonigral projections of the rat. <i>Neurobiology of Disease</i> , 2015, 74, 336-346.	2.1	14
58	Nanoparticle technology for treatment of Parkinson's disease: the role of surface phenomena in reaching the brain. <i>Drug Discovery Today</i> , 2015, 20, 824-837.	3.2	77
59	Origin of the Spinocerebellar Ataxia Type 7 Gene Mutation in Mexican Population. <i>Cerebellum</i> , 2013, 12, 902-905.	1.4	23
60	Presynaptic CaMKII α modulates dopamine D3 receptor activation in striatonigral terminals of the rat brain in a Ca ²⁺ dependent manner. <i>Neuropharmacology</i> , 2013, 71, 273-281.	2.0	20
61	GABAB receptors modulate depolarization-stimulated [³ H]glutamate release in slices of the pars reticulata of the rat substantia nigra. <i>European Journal of Pharmacology</i> , 2010, 649, 161-167.	1.7	11
62	L-DOPA inhibits depolarization-induced [³ H]GABA release in the dopamine-denervated globus pallidus of the rat: the effect is dopamine independent and mediated by D2-like receptors. <i>Journal of Neural Transmission</i> , 2006, 113, 1847-1853.	1.4	6
63	Pathological Stages of Abnormally Processed Tau Protein During Its Aggregation into Fibrillary Structures in Alzheimer's Disease. , 0, , .		1