

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	Formulations of Curcumin Nanoparticles for Brain Diseases. <i>Biomolecules</i> , 2019, 9, 56.	1.8	112
2	Non-Ionic Surfactants for Stabilization of Polymeric Nanoparticles for Biomedical Uses. <i>Materials</i> , 2021, 14, 3197.	1.3	81
3	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
4	Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 746.	1.0	57
5	<i>Cordyceps</i> spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials. <i>Frontiers in Pharmacology</i> , 2020, 11, 602364.	1.6	57
6	Chitosan-decorated nanoparticles for drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101896.	1.4	43
7	Therapeutic Applications of Terpenes on Inflammatory Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 704197.	1.6	40
8	Modifications in Vaginal Microbiota and Their Influence on Drug Release: Challenges and Opportunities. <i>Pharmaceutics</i> , 2019, 11, 217.	2.0	39
9	A Reevaluation of Chitosan-Decorated Nanoparticles to Cross the Blood-Brain Barrier. <i>Membranes</i> , 2020, 10, 212.	1.4	39
10	Hyaluronic acid in wound dressings. <i>Cellular and Molecular Biology</i> , 2020, 66, 191-198.	0.3	39
11	Development and Evaluation of Alginate Membranes with Curcumin-Loaded Nanoparticles for Potential Wound-Healing Applications. <i>Pharmaceutics</i> , 2019, 11, 389.	2.0	36
12	Xanthan gum in drug release. <i>Cellular and Molecular Biology</i> , 2020, 66, 199-207.	0.3	35
13	Resveratrol-Based Nanoformulations as an Emerging Therapeutic Strategy for Cancer. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 649395.	1.6	34
14	Presynaptic cannabinoid CB2 receptors modulate [³ H]â€ˆGlutamate release at subthalamoâ€ˆnigral terminals of the rat. <i>Synapse</i> , 2018, 72, e22061.	0.6	28
15	From traditional biochemical signals to molecular markers for detection of sepsis after burn injuries. <i>Burns</i> , 2019, 45, 16-31.	1.1	27
16	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
17	Origin of the Spinocerebellar Ataxia Type 7 Gene Mutation in Mexican Population. <i>Cerebellum</i> , 2013, 12, 902-905.	1.4	23
18	Effects of Physical Rehabilitation in Patients with Spinocerebellar Ataxia Type 7. <i>Cerebellum</i> , 2019, 18, 397-405.	1.4	23

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19	Alterations in mental health and quality of life in patients with skin disorders: a narrative review. <i>International Journal of Dermatology</i> , 2022, 61, 783-791.	0.5	21
20	Presynaptic CaMKII β 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
21	RECENT ADVANCES IN ELASTIN-BASED BIOMATERIALS. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 314-332.	0.9	20
22	Insights into Terminal Sterilization Processes of Nanoparticles for Biomedical Applications. <i>Molecules</i> , 2021, 26, 2068.	1.7	19
23	Presynaptic Dopamine D2 Receptors Modulate [³ H]GABA Release at StriatoPallidal Terminals via Activation of PLC β â€ˆâ€ˆâ€ˆIP3â€ˆâ€ˆâ€ˆCalcineurin and Inhibition of ACâ€ˆâ€ˆâ€ˆcAMPâ€ˆâ€ˆâ€ˆPKA Signaling Cascades. <i>Neuroscience</i> , 2015, 372, 74-86.	1.5	19
24	Repurposing of Drug Candidates for Treatment of Skin Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 605714.	1.3	17
25	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
26	Antioxidant potential of family Cucurbitaceae with special emphasis on <i>Cucurbita</i> genus: A key to alleviate oxidative stressâ€ˆmediated disorders. <i>Phytotherapy Research</i> , 2021, 35, 3533-3557.	2.8	14
27	Presynaptic control of [3H]-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
28	GABAB receptors modulate depolarization-stimulated [3H]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
29	D ₂ autoreceptor switches CB ₂ receptor effects on [³ H]â€ˆdopamine release in the striatum. <i>Synapse</i> , 2020, 74, e22139.	0.6	10
30	Nanotechnology As Potential Tool for siRNA Delivery in Parkinson's Disease. <i>Current Drug Targets</i> , 2017, 18, 1866-1879.	1.0	10
31	Pharmacological treatments for cutaneous manifestations of inherited ichthyoses. <i>Archives of Dermatological Research</i> , 2020, 312, 237-248.	1.1	9
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. <i>Materials Science and Engineering C</i> , 2020, 116, 111176.	3.8	9
33	Nonâ€ˆinvasive analysis of skin mechanical properties in patients with lamellar ichthyosis. <i>Skin Research and Technology</i> , 2019, 25, 375-381.	0.8	8
34	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. <i>International Journal of Dermatology</i> , 2020, 59, 969-977.	0.5	8
35	Altered Plasma Acylcarnitines and Amino Acids Profile in Spinocerebellar Ataxia Type 7. <i>Biomolecules</i> , 2020, 10, 390.	1.8	8
36	Current progress of self-healing polymers for medical applications in tissue engineering. <i>Iranian Polymer Journal (English Edition)</i> , 2022, 31, 7-29.	1.3	8

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37	Gamma radiation-induced grafting of poly(2-aminoethyl methacrylate) onto chitosan: A comprehensive study of a polyurethane scaffold intended for skin tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 270, 117916.	5.1	8
38	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
39	Comprehensive mapping of human body skin hydration: A pilot study. <i>Skin Research and Technology</i> , 2019, 25, 187-193.	0.8	7
40	Increased risk of depression and impairment in quality of life in patients with lamellar ichthyosis. <i>Dermatologic Therapy</i> , 2021, 34, e14628.	0.8	7
41	Indole-3-Carbinol, a Phytochemical Aryl Hydrocarbon Receptor-Ligand, Induces the mRNA Overexpression of UBE2L3 and Cell Proliferation Arrest. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2054-2068.	1.0	7
42	L-DOPA inhibits depolarization-induced [3H]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
43	Non-invasive methods for evaluation of skin manifestations in patients with ichthyosis. <i>Archives of Dermatological Research</i> , 2020, 312, 231-236.	1.1	6
44	Development of films from natural sources for infections during wound healing. <i>Cellular and Molecular Biology</i> , 2021, 67, 96-100.	0.3	6
45	Curcumin for parkinson's disease: potential therapeutic effects, molecular mechanisms, and nanoformulations to enhance its efficacy. <i>Cellular and Molecular Biology</i> , 2021, 67, 101.	0.3	6
46	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
47	Synthesis by gamma irradiation of hyaluronic acid-polyvinyl alcohol hydrogel for biomedical applications. <i>Cellular and Molecular Biology</i> , 2021, 67, 58-63.	0.3	5
48	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
49	Dopamine D4 receptor modulates inhibitory transmission in pallidum-pallidal terminals and regulates motor behavior. <i>European Journal of Neuroscience</i> , 2020, 52, 4563-4585.	1.2	4
50	Coexistence of D ₃ R typical and atypical signaling in striatonigral neurons during dopaminergic denervation. Correlation with D ₃ expression changes. <i>Synapse</i> , 2020, 74, e22152.	0.6	4
51	Development of a xanthan gum film for the possible treatment of vaginal infections. <i>Cellular and Molecular Biology</i> , 2021, 67, 80-88.	0.3	4
52	Association of TLR4 gene polymorphisms with sepsis after a burn injury: findings of the functional role of rs2737190 SNP. <i>Genes and Immunity</i> , 2021, 22, 24-34.	2.2	4
53	Oropharyngeal dysphagia in early stages of myotonic dystrophy type 1. <i>Muscle and Nerve</i> , 2019, 60, 90-95.	1.0	3
54	Development of a guar gum film with lysine clonixinate for periodontal treatments. <i>Cellular and Molecular Biology</i> , 2021, 67, 89-95.	0.3	3

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55	The high methylation level of a novel 151-bp CpG island in the ESR1 gene promoter is associated with a poor breast cancer prognosis. <i>Cancer Cell International</i> , 2021, 21, 649.	1.8	3
56	Radiation-induced graft polymerization of elastin onto polyvinylpyrrolidone as a possible wound dressing. <i>Cellular and Molecular Biology</i> , 2021, 67, 64-72.	0.3	2
57	Preparation of chitosan-graft N-hydroxyethyl acrylamide copolymers as an in vitro-engineered skin. <i>Materials Letters</i> , 2022, 324, 132783.	1.3	2
58	Pathological Stages of Abnormally Processed Tau Protein During Its Aggregation into Fibrillary Structures in Alzheimer's Disease. , 0, , .		1
59	A NEW FORMULATION OF CINNAMON OIL AND CHITOSAN DEPOLYMERIZED AGAINST OPPORTUNISTIC MICROORGANISMS DURING WOUND HEALING. <i>Farmacia</i> , 2021, 69, 509-514.	0.1	1
60	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
61	Coexistence of Fragile-X Syndrome, 8p23.1 Deletion, and Balanced Translocation t(7;10)(p10;q24) in a Single Family. <i>Genetic Testing and Molecular Biomarkers</i> , 2020, 24, 527-531.	0.3	0
62	Physicochemical and biological characterization of a xanthan gum-polyvinylpyrrolidone hydrogel obtained by gamma irradiation. <i>Cellular and Molecular Biology</i> , 2021, 67, 73.	0.3	0
63	A poly (saccharide-ester-urethane) scaffold for mammalian cell growth. <i>Cellular and Molecular Biology</i> , 2021, 67, 113-117.	0.3	0