

David Moranta

List of Publications by Year in descending order

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49
papers

2,228
citations

172457

29
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

3332
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling <i>Klebsiella pneumoniae</i> Pathogenesis by Infection of the Wax Moth <i>Galleria mellonella</i> . <i>Infection and Immunity</i> , 2013, 81, 3552-3565.	2.2	167
2	Role of Bacterial Surface Structures on the Interaction of <i>Klebsiella pneumoniae</i> with Phagocytes. <i>PLoS ONE</i> , 2013, 8, e56847.	2.5	119
3	<i>Klebsiella pneumoniae</i> survives within macrophages by avoiding delivery to lysosomes. <i>Cellular Microbiology</i> , 2015, 17, 1537-1560.	2.1	116
4	<i>Klebsiella pneumoniae</i> Capsule Polysaccharide Impedes the Expression of β -Defensins by Airway Epithelial Cells. <i>Infection and Immunity</i> , 2010, 78, 1135-1146.	2.2	97
5	Deciphering tissue-induced <i>Klebsiella pneumoniae</i> lipid A structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6369-78.	7.1	97
6	Analysis of the Networks Controlling the Antimicrobial-Peptide-Dependent Induction of <i>Klebsiella pneumoniae</i> Virulence Factors. <i>Infection and Immunity</i> , 2011, 79, 3718-3732.	2.2	93
7	Effects of Resveratrol and other Polyphenols on Sirt1: Relevance to Brain Function During Aging. <i>Current Neuropharmacology</i> , 2018, 16, 126-136.	2.9	90
8	Chronic Silymarin, Quercetin and Naringenin Treatments Increase Monoamines Synthesis and Hippocampal Sirt1 Levels Improving Cognition in Aged Rats. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 24-38.	4.1	76
9	<i>Klebsiella pneumoniae</i> Increases the Levels of Toll-Like Receptors 2 and 4 in Human Airway Epithelial Cells. <i>Infection and Immunity</i> , 2009, 77, 714-724.	2.2	74
10	High-affinity binding of β -carbolines to imidazoline I2B receptors and MAO-A in rat tissues: Norharman blocks the effect of morphine withdrawal on DOPA/noradrenaline synthesis in the brain. <i>European Journal of Pharmacology</i> , 2005, 518, 234-242.	3.5	68
11	<i>Klebsiella pneumoniae</i> Outer Membrane Protein A Is Required to Prevent the Activation of Airway Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 9956-9967.	3.4	67
12	Investigating intracellular persistence of <i>Staphylococcus aureus</i> within a murine alveolar macrophage cell line. <i>Virulence</i> , 2017, 8, 1761-1775.	4.4	65
13	The trivial function of sleep. <i>Sleep Medicine Reviews</i> , 2007, 11, 311-325.	8.5	63
14	Differential effects of acute cannabinoid drug treatment, mediated by CB 1 receptors, on the in vivo activity of tyrosine and tryptophan hydroxylase in the rat brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 369, 516-524.	3.0	62
15	<i>Klebsiella pneumoniae</i> subverts the activation of inflammatory responses in a NOD1-dependent manner. <i>Cellular Microbiology</i> , 2011, 13, 135-153.	2.1	61
16	Effects of Resveratrol and Other Polyphenols on the Most Common Brain Age-Related Diseases. <i>Current Medicinal Chemistry</i> , 2017, 24, 4245-4266.	2.4	60
17	Dissection of Host Cell Signal Transduction during <i>Acinetobacter baumannii</i> "Triggered Inflammatory Response. <i>PLoS ONE</i> , 2010, 5, e10033.	2.5	57
18	Chronic melatonin treatment and its precursor L-tryptophan improve the monoaminergic neurotransmission and related behavior in the aged rat brain. <i>Journal of Pineal Research</i> , 2010, 48, 170-177.	7.4	54

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19	Microencapsulation as a tool to counteract the typical low bioavailability of polyphenols in the management of diabetes. <i>Food and Chemical Toxicology</i> , 2020, 139, 111248.	3.6	54
20	Dietary polyphenols and neurogenesis: Molecular interactions and implication for brain ageing and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 456-470.	6.1	53
21	<i>Klebsiella pneumoniae</i> triggers a cytotoxic effect on airway epithelial cells. <i>BMC Microbiology</i> , 2009, 9, 156.	3.3	51
22	Functional Genomic Screen Identifies <i>Klebsiella pneumoniae</i> Factors Implicated in Blocking Nuclear Factor κ B (NF- κ B) Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 16678-16697.	3.4	48
23	<i>Klebsiella pneumoniae</i> targets an EGF receptor-dependent pathway to subvert inflammation. <i>Cellular Microbiology</i> , 2013, 15, 1212-1233.	2.1	46
24	Chronic treatment and withdrawal of the cannabinoid agonist WIN 55,212-2 modulate the sensitivity of presynaptic receptors involved in the regulation of monoamine syntheses in rat brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 61-72.	3.0	42
25	Molecular Basis of <i>Yersinia enterocolitica</i> Temperature-Dependent Resistance to Antimicrobial Peptides. <i>Journal of Bacteriology</i> , 2012, 194, 3173-3188.	2.2	37
26	Improving effect of chronic resveratrol treatment on central monoamine synthesis and cognition in aged rats. <i>Age</i> , 2015, 37, 9777.	3.0	35
27	Enriched environments enhance cognition, exploratory behaviour and brain physiological functions of <i>Sparus aurata</i> . <i>Scientific Reports</i> , 2020, 10, 11252.	3.3	35
28	Host cell kinases, β 5 and β 1 integrins, and Rac1 signalling on the microtubule cytoskeleton are important for non-typable <i>Haemophilus influenzae</i> invasion of respiratory epithelial cells. <i>Microbiology (United Kingdom)</i> , 2010, 154, 1000-1010.	3.8	35
29	Chronic α -Tocopherol Increases Central Monoamines Synthesis and Improves Cognitive and Motor Abilities in Old Rats. <i>Rejuvenation Research</i> , 2016, 19, 159-171.	1.8	33
30	Effects of structural environmental enrichment on welfare of juvenile seabream (<i>Sparus aurata</i>). <i>Aquaculture Reports</i> , 2019, 15, 100224.	1.7	30
31	Acute, chronic and withdrawal effects of the cannabinoid receptor agonist WIN55212-2 on the sequential activation of MAPK/Raf-MEK-ERK signaling in the rat cerebral frontal cortex: Short-term regulation by intrinsic and extrinsic pathways. <i>Journal of Neuroscience Research</i> , 2007, 85, 656-667.	2.9	26
32	Ethanol desensitizes cannabinoid CB1 receptors modulating monoamine synthesis in the rat brain in vivo. <i>Neuroscience Letters</i> , 2006, 392, 58-61.	2.1	25
33	Withdrawal from chronic ethanol increases the sensitivity of presynaptic 5-HT1A receptors modulating serotonin and dopamine synthesis in rat brain in vivo. <i>Neuroscience Letters</i> , 2002, 326, 121-124.	2.1	22
34	Apoptosis, Toll-like, RIG-I-like and NOD-like Receptors Are Pathways Jointly Induced by Diverse Respiratory Bacterial and Viral Pathogens. <i>Frontiers in Microbiology</i> , 2017, 8, 276.	3.5	22
35	Grape Polyphenols Ameliorate Muscle Decline Reducing Oxidative Stress and Oxidative Damage in Aged Rats. <i>Nutrients</i> , 2020, 12, 1280.	4.1	22
36	Chronic Polyphenon-60 or Catechin Treatments Increase Brain Monoamines Syntheses and Hippocampal SIRT1 LEVELS Improving Cognition in Aged Rats. <i>Nutrients</i> , 2020, 12, 326.	4.1	21

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37	Effects of pollutants and microplastics ingestion on oxidative stress and monoaminergic activity of seabream brains. <i>Aquatic Toxicology</i> , 2022, 242, 106048.	4.0	20
38	Improving Effects of Long-Term Growth Hormone Treatment on Monoaminergic Neurotransmission and Related Behavioral Tests in Aged Rats. <i>Rejuvenation Research</i> , 2010, 13, 707-716.	1.8	17
39	Intake of melatonin increases tryptophan hydroxylase type 1 activity in aged rats: Preliminary study. <i>Experimental Gerontology</i> , 2014, 49, 1-4.	2.8	16
40	Genome Expression Profiling-Based Identification and Administration Efficacy of Host-Directed Antimicrobial Drugs against Respiratory Infection by Nontypeable <i>Haemophilus influenzae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7581-7592.	3.2	15
41	Comments on evolution of sleep and the palliopallial connectivity in mammals and birds. <i>Brain Research Bulletin</i> , 2007, 72, 183-186.	3.0	14
42	Sleep and wakefulness, trivial and non-trivial: Which is which?. <i>Sleep Medicine Reviews</i> , 2007, 11, 411-417.	8.5	8
43	Neurochemical and Cognitive Beneficial Effects of Moderate Physical Activity and Catechin in Aged Rats. <i>Antioxidants</i> , 2021, 10, 621.	5.1	6
44	Cognitive and Neurochemical Changes Following Polyphenol-Enriched Diet in Rats. <i>Nutrients</i> , 2021, 13, 59.	4.1	6
45	Resveratrol, SIRT1, oxidative stress, and brain aging. , 2020, , 319-326.		2
46	A CRITICAL REVIEW OF THE ORGANIZATION, METHODOLOGY AND ASSESSMENT IN THE FIRST-YEAR LABORATORY LECTURES OF SCIENCE AND ENGINEERING DEGREES AT THE UNIVERSITY OF THE BALEARIC ISLANDS (SPAIN). <i>EDULEARN Proceedings</i> , 2019, , .	0.0	2
47	Significance of <i>tagI</i> and <i>mfd</i> genes in the virulence of non-typeable <i>Haemophilus influenzae</i> . <i>International Microbiology</i> , 2014, 17, 159-64.	2.4	1
48	<i>Klebsiella pneumoniae</i> Capsule Polysaccharide Impedes the Expression of β -Defensins by Airway Epithelial Cells. <i>Infection and Immunity</i> , 2010, 78, 5352-5352.	2.2	0
49	Host cell kinases, β 5 and β 1 integrins, and Rac1 signalling on the microtubule cytoskeleton are important for non-typable <i>Haemophilus influenzae</i> invasion of respiratory epithelial cells. <i>Microbiology (United Kingdom)</i> 157, 1071-1081 (2013)	1.0	1