Ismene A Dontas

List of Publications by Year in descending order

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138 papers 2,816 citations

218592 26 h-index 206029 48 g-index

143 all docs $\begin{array}{c} 143 \\ \text{docs citations} \end{array}$

143 times ranked 4899 citing authors

#	Article	IF	Citations
1	Does preoperative physiotherapy improve outcomes in patients undergoing total knee arthroplasty? A systematic review. Musculoskeletal Care, 2022, 20, 487-502.	0.6	4
2	The Efficacy of High-Intensity Preoperative Physiotherapy Training on Postoperative Outcomes in Greek Patients Undergoing Total Knee Arthroplasty: A Quasi-Experimental Study. Cureus, 2022, 14, e23191.	0.2	3
3	Intrauterine growth restriction affects bone mineral density of the mandible and the condyle in growing rats Journal of Musculoskeletal Neuronal Interactions, 2022, 22, 93-101.	0.1	O
4	Assessable learning outcomes for the EU Education and Training Framework core and Function A specific modules: Report of an ETPLAS WORKING Group. Laboratory Animals, 2021, 55, 215-232.	0.5	4
5	Evaluation of Femoral Bone Fracture Healing in Rats by the Modal Damping Factor and Its Correlation With Peripheral Quantitative Computed Tomography. Cureus, 2021, 13, e13342.	0.2	O
6	Impact of prenatal and postnatal nutritional manipulation on bone quality in adult Wistar rats offspring. Clinical Nutrition Open Science, 2021, 35, 34-47.	0.5	3
7	The effect of table olive wastewater extract administration on the adult ovariectomised rat model of osteoporosis. British Journal of Nutrition, 2021, 126, 1-10.	1.2	2
8	Chios Mastic Gum Consumption Has a Protective Effect on Ovariectomy-Induced Bone Loss in Rats. Preventive Nutrition and Food Science, 2021, 26, 166-176.	0.7	3
9	Baseline Values and Kinetics of IL-6, Procalcitonin, and TNF- $\hat{l}\pm$ in Landrace-Large White Swine Anesthetized with Propofol-Based Total Intravenous Anesthesia. BioMed Research International, 2021, 2021, 1-10.	0.9	10
10	Inhibition versus activation of canonical Wnt-signaling, to promote chondrogenic differentiation of Mesenchymal Stem Cells. A review Orthopedic Reviews, 2021, 13, 27098.	0.3	8
11	Effect of calcium and vitamin D supplementation with and without collagen peptides on volumetric and areal bone mineral density, bone geometry and bone turnover in postmenopausal women with osteopenia. Journal of Clinical Densitometry, 2021, , .	0.5	0
12	Dietary Patterns of Greek Adults and Their Associations with Serum Vitamin D Levels and Heel Quantitative Ultrasound Parameters for Bone Health. Nutrients, 2020, 12, 123.	1.7	10
13	Identification of Patients at High Risk for Postsurgical Hypoparathyroidism. In Vivo, 2020, 34, 2973-2980.	0.6	4
14	Pathophysiological Changes During Ischemia-reperfusion Injury in Rodent Hepatic Steatosis. In Vivo, 2020, 34, 953-964.	0.6	14
15	Fibroblast Growth Factor 23 (FGF23) and Klotho Protein in Beta-Thalassemia. Hormone and Metabolic Research, 2020, 52, 194-201.	0.7	7
16	Platelet-rich Plasma and Mesenchymal Stem Cells Local Infiltration Promote Functional Recovery and Histological Repair of Experimentally Transected Sciatic Nerves in Rats. Cureus, 2020, 12, e8262.	0.2	2
17	The role of vitamin D in dental implants osseointegration. Journal of Research and Practice on the Musculoskeletal System, 2020, 04, 1-7.	0.0	1
18	Effect of calcium and vitamin D supplementation with and without collagen peptides on bone turnover in postmenopausal women with osteopenia. Journal of Musculoskeletal Neuronal Interactions, 2020, 20, 12-17.	0.1	2

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19	Adjuvant therapies for the enhancement of microfracture technique in cartilage repair. Orthopedic Reviews, 2019, 11, 7950.	0.3	7
20	Concerns on modeling postmenopausal osteoporosis on young female rats. Journal of Orthopaedic Surgery and Research, 2019, 14, 450.	0.9	1
21	Porous Titanium Granules in comparison with Autogenous Bone Graft in Femoral Osseous Defects: A Histomorphometric Study of Bone Regeneration and Osseointegration in Rabbits. BioMed Research International, 2019, 2019, 1-12.	0.9	4
22	The impact of translational studies in the current management of osteoporosis. Annals of Research Hospitals, 2019, 3, 9-9.	0.0	0
23	Diagnosis, Pathophysiology and Management of Hypercalcemia in Malignancy: A Review of the Literature. Hormone and Metabolic Research, 2019, 51, 770-778.	0.7	57
24	FELASA accreditation of education and training courses in laboratory animal science according to the Directive 2010/63/EU. Laboratory Animals, 2019, 53, 137-147.	0.5	8
25	Protective effect of <i>Glycyrrhiza glabra</i> roots extract on bone mineral density of ovariectomized		
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37	Changes of serum sclerostin and Dickkopf-1 levels during the menstrual cycle. A pilot study. Endocrine, 2016, 54, 543-551.	1.1	12
38	Thalassemia-associated osteoporosis: a systematic review on treatment and brief overview of the disease. Osteoporosis International, 2016, 27, 3409-3425.	1.3	44
39	Effects of mechanical loading on the expression of pleiotrophin and its receptor protein tyrosine phosphatase beta/zeta in a rat spinal deformity model. Cytokine, 2016, 78, 7-15.	1.4	7
40	The Rabbit Model of Femoral Bone Defects: Steps to Overcome Potential Pitfalls. British Journal of Medicine and Medical Research, 2016, 13, 1-8.	0.2	1
41	Neurologic Outcome after Asphyxial Cardiac Arrest in a Juvenile Porcine Model: Comparison of Epinephrine and Vasopressin, Alone or Combined with Nitroglycerin. British Journal of Medicine and Medical Research, 2016, 17, 1-14.	0.2	0
42	Basic Procedures: Dosing, Sampling and Immunisation. , 2016, , 257-285.		0
43	Protein expression in the brain of rat offspring in relation to prenatal caloric restriction. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 29, 1-8.	0.7	10
44	Oncogenic Role of the Ec Peptide of the IGF-1Ec Isoform in Prostate Cancer. Molecular Medicine, 2015, 21, 167-179.	1.9	18
45	Levosimendan Improves Neurological Outcome in a Swine Model of Asphyxial Cardiac Arrest. Heart Lung and Circulation, 2015, 24, 925-931.	0.2	4
46	ESLAV/ECLAM/LAVA/EVERI recommendations for the roles, responsibilities and training of the laboratory animal veterinarian and the designated veterinarian under Directive 2010/63/EU. Laboratory Animals, 2015, 49, 89-99.	0.5	21
47	In Vivo Antineoplastic Effects of the NSAID Sulindac in an Oral Carcinogenesis Model. Cancer Prevention Research, 2015, 8, 642-649.	0.7	7
48	Volumetric bone mineral density and bone geometry assessed by peripheral quantitative computed tomography in women with differentiated thyroid cancer under <scp>TSH</scp> suppression. Clinical Endocrinology, 2015, 82, 197-204.	1.2	45
49	Isoflurane and Ketamine/Xylazine Anesthesia do not Influence the Neuroprotective Effects of Simvastatin in a Model of Permanent Cerebral Ischemic Injury in C57BL/6J Mice. British Journal of Medicine and Medical Research, 2015, 10, 1-12.	0.2	1
50	Synthetic Bone Substitutes in Combination with Growth Factors for Maxillary Sinus Floor Augmentation: A Mini-review. British Journal of Medicine and Medical Research, 2015, 7, 1026-1034.	0.2	0
51	Metabolic profiles of adult Wistar rats in relation to prenatal and postnatal nutritional manipulation: The role of birthweight. Hormones, 2014, 13, 268-279.	0.9	13
52	Type 2 diabetes mellitus and fracture risk. Metabolism: Clinical and Experimental, 2014, 63, 1480-1490.	1.5	124
53	Chondroprotective effect of high-dose zoledronic acid: An experimental study in a rabbit model of osteoarthritis. Journal of Orthopaedic Research, 2014, 32, 1646-1651.	1.2	24
54	Biological Response to $\hat{1}^2$ -Tricalcium Phosphate/Calcium Sulfate Synthetic Graft Material. Implant Dentistry, 2014, 23, 37-43.	1.7	18

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55	Effect of parathyroidectomy versus risedronate on volumetric bone mineral density and bone geometry at the tibia in postmenopausal women with primary hyperparathyroidism. Journal of Bone and Mineral Metabolism, 2014, 32, 151-158.	1.3	30
56	Comparison of erythropoietin and sildenafil protective role against ischemia/reperfusion injury of the testis in adult rats. International Urology and Nephrology, 2014, 46, 731-736.	0.6	10
57	The Liver Regeneration Response after Open and Laparoscopic Left Partial Hepatectomy in an Experimental Porcine Model, Integrated. Journal of the American College of Surgeons, 2014, 219, S130-S131.	0.2	0
58	Rodent models of hepatic ischemia–reperfusion injury: time and percentage-related pathophysiological mechanisms. Journal of Surgical Research, 2014, 191, 399-412.	0.8	49
59	Useful animal models for the research of osteoarthritis. European Journal of Orthopaedic Surgery and Traumatology, 2014, 24, 263-271.	0.6	146
60	Enhancement of Bone Regeneration With the Combination of Platelet-Rich Fibrin and Synthetic Graft. Journal of Craniofacial Surgery, 2014, 25, 2164-2168.	0.3	19
61	Liver regeneration and angiogenesis after open and laparoscopic left partial hepatectomy in a porcine experimental model. Journal of the American College of Surgeons, 2013, 217, S131-S132.	0.2	0
62	Aberrant expression of collapsin response mediator proteinsâ€1, â€2 and â€5 in the brain of intrauterine growth restricted rats. International Journal of Developmental Neuroscience, 2013, 31, 53-60.	0.7	5
63	The Role of Novel Biomarkers in Early Diagnosis and Prognosis of Acute Kidney Injury in Newborns. American Journal of Perinatology, 2013, 30, 347-352.	0.6	22
64	Autologous Transplantation of Adipose-Derived Stem Cells Enhances Skin Graft Survival and Wound Healing in Diabetic Rats. Annals of Plastic Surgery, 2013, 71, 225-232.	0.5	97
65	Expression of Tissue IGF 1, TGFß and EGFR in the Sequential Steps of Intestinal Adaptation in a Rat Model of Short Bowel Syndrome. Acta Chirurgica Belgica, 2013, 113, 129-138.	0.2	3
66	Effect of Autologous Platelet-Rich Plasma in Combination With a Biphasic Synthetic Graft Material on Bone Healing in Critical-Size Cranial Defects. Journal of Craniofacial Surgery, 2012, 23, 1318-1323.	0.3	21
67	Experimental Study of the Effect of Autologous Platelet-Rich Plasma on the Early Phases of Osteoinduction by Allogenic Demineralized Bone Matrix. Implant Dentistry, 2012, 21, 399-405.	1.7	8
68	Hepatic Injury Due to Combined Choline-Deprivation and Thioacetamide Administration: An Experimental Approach to Liver Diseases. Digestive Diseases and Sciences, 2012, 57, 3168-3177.	1.1	9
69	Effect of Rheumatoid Arthritis on Volumetric Bone Mineral Density and Bone Geometry, Assessed by Peripheral Quantitative Computed Tomography in Postmenopausal Women Treated with Bisphosphonates. Journal of Rheumatology, 2012, 39, 1215-1220.	1.0	8
70	Continuous chest compressions improve survival and neurologic outcome in a swine model of prolonged ventricular fibrillation. American Journal of Emergency Medicine, 2012, 30, 1389-1394.	0.7	29
71	Postural profile and falls of osteoporotic women. Journal of Back and Musculoskeletal Rehabilitation, 2012, 25, 55-66.	0.4	7
72	Evaluation of Greek High School Teachers' Knowledge in Basic Life Support, Automated External Defibrillation, and Foreign Body Airway Obstruction: Implications for Nursing Interventions. Journal of Emergency Nursing, 2012, 38, 176-181.	0.5	30

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73	Distraction-like phenomena in maxillary bone due to application of orthodontic forces in ovariectomized rats. Indian Journal of Dental Research, 2012, 23, 501.	0.1	2
74	Isolation of Aerobic Bacteria in Internal Specimens from Domesticated Pigs Used in Biomedical Research and the Association with Bacterial Translocation. Journal of Animal and Veterinary Advances, 2012, 11, 539-546.	0.1	1
75	Improvement of skin-graft survival after autologous transplantation of adipose-derived stem cells in rats. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2011, 64, 1647-1656.	0.5	57
76	A Diet Rich in Monounsaturated Fatty Acids Improves the Lipid Profile of Mice Previously on a Diet Rich in Saturated Fatty Acids. Angiology, 2011, 62, 636-640.	0.8	9
77	Abdominal compressions do not achieve similar survival rates compared with chest compressions: an experimental study. American Journal of Emergency Medicine, 2011, 29, 665-669.	0.7	14
78	Impact of Graded Hypothermia on Coagulation and Fibrinolysis. Journal of Surgical Research, 2011, 167, 125-130.	0.8	23
79	Effects of <i>Sideritis euboea</i> (Lamiaceae) Aqueous Extract on IL-6, OPG and RANKL Secretion by Osteoblasts. Natural Product Communications, 2011, 6, 1934578X1100601.	0.2	8
80	Protective effect of Sideritis euboea extract on bone mineral density and strength of ovariectomized rats. Menopause, 2011, 18, 915-922.	0.8	16
81	A comparison of autopsy detected injuries in a porcine model of cardiac arrest treated with either manual or mechanical chest compressions. European Journal of Emergency Medicine, 2011, 18, 108-110.	0.5	15
82	Evaluation of nurses' and doctors' knowledge of basic & advanced life support resuscitation guidelines. Nurse Education in Practice, 2011, 11, 365-369.	1.0	64
83	Changes of blood biochemistry in the rabbit animal model in atherosclerosis research; a time- or stress-effect. Lipids in Health and Disease, 2011, 10, 139.	1.2	16
84	The role of vitamin D receptor gene polymorphisms in the bone mineral density of Greek postmenopausal women with low calcium intake. Journal of Nutritional Biochemistry, 2011, 22, 752-757.	1.9	24
85	Asphyxial cardiac arrest, resuscitation and neurological outcome in a Landrace/Large-White swine model. Laboratory Animals, 2011, 45, 184-190.	0.5	19
86	Cross-cultural validation of the Falls Efficacy Scale International (FES-I) in Greek community-dwelling older adults. Disability and Rehabilitation, 2011, 33, 1776-1784.	0.9	49
87	Effects of Sideritis euboea (Lamiaceae) aqueous extract on IL-6, OPG and RANKL secretion by osteoblasts. Natural Product Communications, 2011, 6, 1689-96.	0.2	7
88	A comparison between a selective and a non-selective adrenergic agonist in an experimental model of ventricular fibrillation. European Journal of Anaesthesiology, 2010, 27, 77.	0.7	0
89	Administration of human protein C improves survival in an experimental model of sepsis*. Critical Care Medicine, 2010, 38, 209-216.	0.4	16
90	Refined induction of anesthesia with remifentanil after bolus propofol administration in Landrace/Large White swine. Lab Animal, 2010, 39, 319-324.	0.2	4

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91	Choline-deprivation alters crucial brain enzyme activities in a rat model of diabetic encephalopathy. Metabolic Brain Disease, 2010, 25, 269-276.	1.4	14
92	The Effects of Hypothyroidism on the Mechanical Properties and Histomorphological Structure of the Thoracic Aorta. Angiology, 2010, 61, 259-268.	0.8	4
93	Differential effect of Pistacia vera extracts on experimental atherosclerosis in the rabbit animal model: an experimental study. Lipids in Health and Disease, 2010, 9, 73.	1.2	19
94	Malocclusion in aging Wistar rats. Journal of the American Association for Laboratory Animal Science, 2010, 49, 22-6.	0.6	7
95	Impact of Nesiritide on Renal Function and Mortality in Patients Suffering from Heart Failure. Cardiovascular Drugs and Therapy, 2009, 23, 221-233.	1.3	17
96	Ischaemia modified albumin in the diagnosis of acute coronary syndromes. Resuscitation, 2009, 80, 306-310.	1.3	26
97	Serum adiponectin and resistin in rats under three isocaloric diets: The effect of sibutramine. Cytokine, 2009, 46, 171-175.	1.4	6
98	Nitroglycerin and Epinephrine Improve Coronary Perfusion Pressure in a Porcine Model of Ventricular Fibrillation Arrest: A Pilot Study. Journal of Emergency Medicine, 2009, 37, 369-375.	0.3	8
99	Combination pharmacotherapy in the treatment of experimental cardiac arrest. American Journal of Emergency Medicine, 2009, 27, 651-659.	0.7	42
100	Pharmacological Aspects and Potential New Clinical Applications of Ketamine: Reevaluation of an Old Drug. Journal of Clinical Pharmacology, 2009, 49, 957-964.	1.0	143
101	Quantitative Ultrasound of the Calcaneus in Greek Women: Normative Data are Different From the Manufacturer's Normal Range. Journal of Clinical Densitometry, 2009, 12, 353-359.	0.5	11
102	Cardiac implications of Lyme disease, diagnosis and therapeutic approach. International Journal of Cardiology, 2008, 129, 15-21.	0.8	72
103	The use of mice and rats as animal models for cardiopulmonary resuscitation research. Laboratory Animals, 2008, 42, 265-276.	0.5	32
104	Effect of Isocaloric Diets and Sibutramine on Food Intake, Body Mass Variation and Serum TNF-α Levels in Rats. Pharmacology, 2008, 82, 15-21.	0.9	4
105	Local Treatment of Experimental Pseudomonas aeruginosa Osteomyelitis with a Biodegradable Dilactide Polymer Releasing Ciprofloxacin. Antimicrobial Agents and Chemotherapy, 2008, 52, 2335-2339.	1.4	19
106	The laboratory rat as an animal model for osteoporosis research. Comparative Medicine, 2008, 58, 424-30.	0.4	337
107	Effect of sibutramine on regional fat pads and leptin levels in rats fed with three isocaloric diets. European Cytokine Network, 2008, 19, 149-55.	1.1	2
108	Cardiopulmonary arrest and resuscitation in Landrace/Large White swine: a research model. Laboratory Animals, 2007, 41, 353-362.	0.5	54

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109	The Mechanical Performance and Histomorphological Structure of the Descending Aorta in Hyperthyroidism. Angiology, 2007, 58, 343-352.	0.8	10
110	Rat Epigastric Flap Survival and VEGF Expression after Local Copper Application. Plastic and Reconstructive Surgery, 2007, 119, 837-843.	0.7	42
111	The in vitro effective antiviral action of povidone–iodine (PVP–I) may also have therapeutic potential by its intravenous administration diluted with Ringer's solution. Medical Hypotheses, 2007, 68, 272-274.	0.8	12
112	Colistin offers prolonged survival in experimental infection by multidrug-resistant Acinetobacter baumannii: the significance of co-administration of rifampicin. International Journal of Antimicrobial Agents, 2007, 29, 51-55.	1.1	77
113	The biomechanical capacity of the periosteum in intact long bones. Archives of Orthopaedic and Trauma Surgery, 2007, 128, 117-120.	1.3	25
114	Quantitative ultrasound is better correlated with bone mineral density and biochemical bone markers in elderly women. Clinical Rheumatology, 2007, 26, 1067-1073.	1.0	18
115	Protective effect of plant extract from Onobrychis ebenoides on ovariectomy-induced bone loss in rats. Maturitas, 2006, 53, 234-242.	1.0	20
116	Effect of Experimental Stenosis on the Vibration of the Porcine Aortic Wall. Vascular Disease Prevention, 2006, 3, 11-14.	0.2	0
117	Changes in Aortic Function After Interposition of a Tubular Graft in the Descending Porcine Thoracic Aorta. Artificial Organs, 2006, 30, 622-625.	1.0	3
118	Mechanical behavior of colonic anastomosis in experimental settings as a measure of wound repair and tissue integrity. World Journal of Gastroenterology, 2006, 12, 5668.	1.4	13
119	Urolithiasis and transitional cell carcinoma of the bladder in a Wistar rat. Journal of the American Association for Laboratory Animal Science, 2006, 45, 64-7.	0.6	10
120	Adhesion formation and intraperitoneal catheters: Histologic findings in a rat model. Fertility and Sterility, 2005, 83, 516-518.	0.5	6
121	Effect of oral contraceptive treatment on bone mass acquisition in skeletally immature young female rats. Contraception, 2005, 71, 362-371.	0.8	9
122	Stimulation of innate immunity by susceptible and multidrug-resistant Pseudomonas aeruginosa: an in vitro and in vivo study. Clinical and Experimental Immunology, 2004, 135, 240-246.	1.1	41
123	The influence of indomethacin co-administration on ofloxacin levels in plasma and cerebrospinal fluid in rats. International Journal of Antimicrobial Agents, 2004, 23, 371-376.	1.1	2
124	Optimal timing of research after anterior cruciate ligament resection in rabbits. Contemporary Topics in Laboratory Animal Science, 2004, 43, 22-7; quiz 58.	0.2	38
125	Ex vivo synergy of arachidonate-enriched serum with ceftazidime and amikacin on multidrug-resistant Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2003, 51, 423-426.	1.3	4
126	Effective Immunomodulatory Treatment of Escherichia coli Experimental Sepsis with Thalidomide. Antimicrobial Agents and Chemotherapy, 2003, 47, 2445-2449.	1.4	15

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127	Adhesion Formation: Intraperitoneal Catheters in Surgical Practice. Journal of Investigative Surgery, 2002, 15, 37-43.	0.6	6
128	Role of suprahyoid musculature on mandibular morphology and growth orientation in rats. American Journal of Orthodontics and Dentofacial Orthopedics, 2002, 122, 392-400.	0.8	15
129	Intramuscular administration of estrogen may promote angiogenesis and perfusion in a rabbit model of chronic limb ischemia. Cardiovascular Research, 2001, 49, 626-633.	1.8	46
130	Progress of ossification and epithelialization of wounds after simple or surgical extractions of teeth in rats with chronic renal failure: an experimental study. British Journal of Oral and Maxillofacial Surgery, 2000, 38, 35-43.	0.4	3
131	Influence of 5-Fluorouracil on Serum Lipids. Acta Oncol $ ilde{A}^3$ gica, 1995, 34, 253-256.	0.8	18
132	Medial necrosis and acute alterations in aortic distensibility following removal of the vasa vasorum of canine ascending aorta. Cardiovascular Research, 1993, 27, 951-956.	1.8	107
133	Pharmacokinetic interaction in beagle dogs of antiplatelet drugs: acetylsalicylic acid, dipyridamole and calcium dobesilate. European Journal of Drug Metabolism and Pharmacokinetics, 1989, 14, 79-83.	0.6	1
134	Reversed free periosteal grafting of extensive tracheal defects in dogs. Journal of Pediatric Surgery, 1989, 24, 570-572.	0.8	4
135	Effects of cold stress on serum lipids, lipoproteins, and the activity of lecithin: Cholesterol acyltransferase in rabbits. Biochemical Medicine and Metabolic Biology, 1988, 39, 148-157.	0.7	11
136	Creatine Kinase (CK-BB) Determination in Cerebrospinal Fluid After Acute Experimental Head Injury. British Journal of Neurosurgery, 1988, 2, 169-172.	0.4	7
137	Tubular musculopleural pedicle grafting of esophageal long gaps in dogs. Journal of Pediatric Surgery, 1987, 22, 117-119.	0.8	10
138	Bone quality is associated with perinatal nutritional manipulation in adult Wistar rats offspring. Endocrine Abstracts, 0, , .	0.0	0