

Abderrahim Nemmar

List of Publications by Year in descending order

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107
papers

4,495
citations

101543

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114465

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all docs

107
docs citations

107
times ranked

5610
citing authors

#	ARTICLE	IF	CITATIONS
1	Health Impact of Silver Nanoparticles: A Review of the Biodistribution and Toxicity Following Various Routes of Exposure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2375.	4.1	535
2	Diesel Exhaust Particles in Lung Acutely Enhance Experimental Peripheral Thrombosis. <i>Circulation</i> , 2003, 107, 1202-1208.	1.6	262
3	Recent Advances in Particulate Matter and Nanoparticle Toxicology: A Review of the <i>In Vivo</i> and <i>In Vitro</i> Studies. <i>BioMed Research International</i> , 2013, 2013, 1-22.	1.9	216
4	Size effect of intratracheally instilled particles on pulmonary inflammation and vascular thrombosis. <i>Toxicology and Applied Pharmacology</i> , 2003, 186, 38-45.	2.8	211
5	Pulmonary Inflammation and Thrombogenicity Caused by Diesel Particles in Hamsters. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1366-1372.	5.6	125
6	Curcumin Ameliorates Kidney Function and Oxidative Stress in Experimental Chronic Kidney Disease. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 65-73.	2.5	109
7	Oxidative stress, inflammation, and DNA damage in multiple organs of mice acutely exposed to amorphous silica nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 919.	6.7	108
8	Effect of Gum Arabic on Oxidative Stress and Inflammation in Adenine-Induced Chronic Renal Failure in Rats. <i>PLoS ONE</i> , 2013, 8, e55242.	2.5	107
9	Prolonged Pulmonary Exposure to Diesel Exhaust Particles Exacerbates Renal Oxidative Stress, Inflammation and DNA Damage in Mice with Adenine-Induced Chronic Renal Failure. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1703-1713.	1.6	94
10	Contrasting actions of diesel exhaust particles on the pulmonary and cardiovascular systems and the effects of thymoquinone. <i>British Journal of Pharmacology</i> , 2011, 164, 1871-1882.	5.4	93
11	The Acute Proinflammatory and Prothrombotic Effects of Pulmonary Exposure to Rutile TiO ₂ Nanorods in Rats. <i>Experimental Biology and Medicine</i> , 2008, 233, 610-619.	2.4	91
12	Ultra-small superparamagnetic iron oxide nanoparticles acutely promote thrombosis and cardiac oxidative stress and DNA damage in mice. <i>Particle and Fibre Toxicology</i> , 2015, 13, 22.	6.2	86
13	Diesel Exhaust Particles in the Lung Aggravate Experimental Acute Renal Failure. <i>Toxicological Sciences</i> , 2010, 113, 267-277.	3.1	83
14	Cardiovascular and lung inflammatory effects induced by systemically administered diesel exhaust particles in rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L664-L670.	2.9	82
15	New model for adenine-induced chronic renal failure in mice, and the effect of gum acacia treatment thereon: Comparison with rats. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, 384-393.	0.7	81
16	Protective Effect of Curcumin on Pulmonary and Cardiovascular Effects Induced by Repeated Exposure to Diesel Exhaust Particles in Mice. <i>PLoS ONE</i> , 2012, 7, e39554.	2.5	70
17	Effects of Gum Arabic in rats with adenine-induced chronic renal failure. <i>Experimental Biology and Medicine</i> , 2010, 235, 373-382.	2.4	68
18	Amorphous silica nanoparticles impair vascular homeostasis and induce systemic inflammation. <i>International Journal of Nanomedicine</i> , 2014, 9, 2779.	6.7	67

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19	Pulmonary exposure to diesel exhaust particles promotes cerebral microvessel thrombosis: Protective effect of a cysteine prodrug l-2-oxothiazolidine-4-carboxylic acid. <i>Toxicology</i> , 2009, 263, 84-92.	4.2	61
20	Interaction of Amorphous Silica Nanoparticles with Erythrocytes <i>in Vitro</i> : Role of Oxidative Stress. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 255-265.	1.6	54
21	Cerium Oxide Nanoparticles in Lung Acutely Induce Oxidative Stress, Inflammation, and DNA Damage in Various Organs of Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	53
22	In Vivo Protective Effects of Nootkatone against Particles-Induced Lung Injury Caused by Diesel Exhaust Is Mediated via the NF- κ B Pathway. <i>Nutrients</i> , 2018, 10, 263.	4.1	53
23	Time-course effects of systemically administered diesel exhaust particles in rats. <i>Toxicology Letters</i> , 2010, 194, 58-65.	0.8	51
24	Ameliorative Effect of Chrysin on Adenine-Induced Chronic Kidney Disease in Rats. <i>PLoS ONE</i> , 2015, 10, e0125285.	2.5	50
25	Cardiovascular effects of nose-only water-pipe smoking exposure in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H740-H746.	3.2	49
26	Short-Term Systemic Effects of Nose-Only Cigarette Smoke Exposure in Mice: Role of Oxidative Stress. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 15-24.	1.6	48
27	Emodin mitigates diesel exhaust particles-induced increase in airway resistance, inflammation and oxidative stress in mice. <i>Respiratory Physiology and Neurobiology</i> , 2015, 215, 51-57.	1.6	46
28	Chronic exposure to water-pipe smoke induces cardiovascular dysfunction in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H329-H339.	3.2	43
29	Effects of the SGLT-2 Inhibitor Canagliflozin on Adenine-Induced Chronic Kidney Disease in Rats. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 27-39.	1.6	43
30	Diesel exhaust particles in blood trigger systemic and pulmonary morphological alterations. <i>Toxicology Letters</i> , 2008, 176, 20-30.	0.8	42
31	Acute respiratory and systemic toxicity of pulmonary exposure to rutile Fe-doped TiO ₂ nanorods. <i>Toxicology</i> , 2011, 279, 167-175.	4.2	42
32	Acute systemic exposure to silver-based nanoparticles induces hepatotoxicity and NLRP3-dependent inflammation. <i>Nanotoxicology</i> , 2016, 10, 1061-1074.	3.0	42
33	Evaluation of the direct systemic and cardiopulmonary effects of diesel particles in spontaneously hypertensive rats. <i>Toxicology</i> , 2009, 262, 50-56.	4.2	39
34	Short-Term Nose-Only Water-Pipe (Shisha) Smoking Exposure Accelerates Coagulation and Causes Cardiac Inflammation and Oxidative Stress in Mice. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 829-840.	1.6	39
35	The effect of sildenafil on rats with adenine-induced chronic kidney disease. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 391-402.	5.6	39
36	Effect of Acacia gum on blood pressure in rats with adenine-induced chronic renal failure. <i>Phytomedicine</i> , 2011, 18, 1176-1180.	5.3	38

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37	Exacerbation of thrombotic events by diesel exhaust particle in mouse model of hypertension. <i>Toxicology</i> , 2011, 285, 39-45.	4.2	38
38	Chronic Exposure to Water-Pipe Smoke Induces Alveolar Enlargement, DNA Damage and Impairment of Lung Function. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 982-992.	1.6	38
39	Diesel Exhaust Particles Induce Impairment of Vascular and Cardiac Homeostasis in Mice: Ameliorative Effect of Emodin. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 1517-1526.	1.6	36
40	The acute pulmonary and thrombotic effects of cerium oxide nanoparticles after intratracheal instillation in mice. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2913-2922.	6.7	36
41	Evaluation of the pulmonary effects of short-term nose-only cigarette smoke exposure in mice. <i>Experimental Biology and Medicine</i> , 2012, 237, 1449-1456.	2.4	35
42	Gum Acacia Improves Renal Function and Ameliorates Systemic Inflammation, Oxidative and Nitrosative Stress in Streptozotocin-Induced Diabetes in Rats with Adenine-Induced Chronic Kidney Disease. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2293-2304.	1.6	34
43	Effect of aqueous extract and anthocyanins of calyces of <i>Hibiscus sabdariffa</i> (Malvaceae) in rats with adenine-induced chronic kidney disease. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1219-1229.	2.4	33
44	Lung Oxidative Stress, DNA Damage, Apoptosis, and Fibrosis in Adenine-Induced Chronic Kidney Disease in Mice. <i>Frontiers in Physiology</i> , 2017, 8, 896.	2.8	33
45	The in Vitro Effect of Polyvinylpyrrolidone and Citrate Coated Silver Nanoparticles on Erythrocytic Oxidative Damage and Eryptosis. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 1577-1588.	1.6	32
46	Nose-only water-pipe smoking effects on airway resistance, inflammation, and oxidative stress in mice. <i>Journal of Applied Physiology</i> , 2013, 115, 1316-1323.	2.5	31
47	Abrogation of cisplatin-induced nephrotoxicity by emodin in rats. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 192-200.	1.9	30
48	Pulmonary exposure to silver nanoparticles impairs cardiovascular homeostasis: Effects of coating, dose and time. <i>Toxicology and Applied Pharmacology</i> , 2019, 367, 36-50.	2.8	30
49	Effects of particulate air pollution on hemostasis. <i>Clinics in Occupational and Environmental Medicine</i> , 2006, 5, 865-81.	0.5	30
50	Thrombosis and systemic and cardiac oxidative stress and DNA damage induced by pulmonary exposure to diesel exhaust particles and the effect of nootkatone thereon. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H917-H927.	3.2	29
51	Effect of canagliflozin, a sodium glucose co-transporter 2 inhibitor, on cisplatin-induced nephrotoxicity in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 45-53.	3.0	29
52	The effect of thymoquinone treatment on the combined renal and pulmonary toxicity of cisplatin and diesel exhaust particles. <i>Experimental Biology and Medicine</i> , 2015, 240, 1698-1707.	2.4	27
53	Early pulmonary events of nose-only water pipe (shisha) smoking exposure in mice. <i>Physiological Reports</i> , 2015, 3, e12258.	1.7	27
54	Airway resistance, inflammation and oxidative stress following exposure to diesel exhaust particle in angiotensin II-induced hypertension in mice. <i>Toxicology</i> , 2012, 292, 162-168.	4.2	26

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55	The effect of activated charcoal on adenine-induced chronic renal failure in rats. <i>Food and Chemical Toxicology</i> , 2014, 65, 321-328.	3.6	26
56	Gum Arabic Ameliorates Impaired Coagulation and Cardiotoxicity Induced by Water-Pipe Smoke Exposure in Mice. <i>Frontiers in Physiology</i> , 2019, 10, 53.	2.8	26
57	Interaction of Diesel Exhaust Particles with Human, Rat and Mouse Erythrocytes &i>in Vitro&i>. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 163-170.	1.6	25
58	Antioxidant Activity of the Essential Oil and Oleoresin of <i>Zingiber Officinale</i> Roscoe as Affected by Chemical Environment. <i>International Journal of Food Properties</i> , 2013, 16, 1304-1313.	3.0	24
59	Effect of concomitant treatment of curcumin and melatonin on cisplatin-induced nephrotoxicity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110761.	5.6	24
60	Pancreatic Effects of Diesel Exhaust Particles in Mice with Type 1 Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 413-422.	1.6	23
61	Chronic Water-Pipe Smoke Exposure Induces Injurious Effects to Reproductive System in Male Mice. <i>Frontiers in Physiology</i> , 2017, 8, 158.	2.8	23
62	The effect of swimming exercise on adenine-induced kidney disease in rats, and the influence of curcumin or lisinopril thereon. <i>PLoS ONE</i> , 2017, 12, e0176316.	2.5	22
63	Water-Pipe Smoke Exposure-Induced Circulatory Disturbances in Mice, and the Influence of Betaine Supplementation Thereon. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1098-1112.	1.6	22
64	Influence of experimental type 1 diabetes on the pulmonary effects of diesel exhaust particles in mice. <i>Toxicology Letters</i> , 2013, 217, 170-176.	0.8	21
65	Exercise Training Mitigates Water Pipe Smoke Exposure-Induced Pulmonary Impairment via Inhibiting NF- κ B and Activating Nrf2 Signalling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	20
66	Aortic Oxidative Stress, Inflammation and DNA Damage Following Pulmonary Exposure to Cerium Oxide Nanoparticles in a Rat Model of Vascular Injury. <i>Biomolecules</i> , 2019, 9, 376.	4.0	19
67	Gum arabic reduces inflammation, oxidative, and nitrosative stress in the gastrointestinal tract of mice with chronic kidney disease. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1427-1436.	3.0	17
68	Development of a new model for the induction of chronic kidney disease via intraperitoneal adenine administration, and the effect of treatment with gum acacia thereon. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 28-38.	0.0	16
69	Does Swimming Exercise Affect Experimental Chronic Kidney Disease in Rats Treated with Gum Acacia?. <i>PLoS ONE</i> , 2014, 9, e102528.	2.5	15
70	Testicular Toxicity of Water Pipe Smoke Exposure in Mice and the Effect of Treatment with Nootkatone Thereon. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	14
71	Waterpipe Smoke Exposure Triggers Lung Injury and Functional Decline in Mice: Protective Effect of Gum Arabic. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	14
72	Nose-Only Water-Pipe Smoke Exposure in Mice Elicits Renal Histopathological Alterations, Inflammation, Oxidative Stress, DNA Damage, and Apoptosis. <i>Frontiers in Physiology</i> , 2020, 11, 46.	2.8	14

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73	The Effect of Metformin in Diabetic and Non-Diabetic Rats with Experimentally-Induced Chronic Kidney Disease. <i>Biomolecules</i> , 2021, 11, 814.	4.0	14
74	Impact of Pulmonary Exposure to Cerium Oxide Nanoparticles on Experimental Acute Kidney Injury. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 439-454.	1.6	14
75	The effect of the dipeptidyl peptidase-4 inhibitor sitagliptin on gentamicin nephrotoxicity in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1102-1108.	5.6	13
76	Effects of repeated increasing doses of cisplatin as models of acute kidney injury and chronic kidney disease in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 249-259.	3.0	13
77	Reproductive Toxicity to Male Mice of Nose Only Exposure to Water- Pipe Smoke. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 29-37.	1.6	12
78	The renoprotective effect of the dipeptidyl peptidase-4 inhibitor sitagliptin on adenine-induced kidney disease in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 667-676.	5.6	12
79	Waterpipe Tobacco Smoke Inhalation Triggers Thrombogenicity, Cardiac Inflammation and Oxidative Stress in Mice: Effects of Flavouring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1291.	4.1	12
80	In vitro platelet aggregation and oxidative stress caused by amorphous silica nanoparticles. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2015, 7, 27-33.	0.8	12
81	Remote effects and biodistribution of pulmonary instilled silver nanoparticles in mice. <i>NanoImpact</i> , 2021, 22, 100310.	4.5	11
82	Potential of cisplatin-induced nephrotoxicity by repeated exposure to diesel exhaust particles: An experimental study in rats. <i>Experimental Biology and Medicine</i> , 2014, 239, 1036-1044.	2.4	10
83	Reduced glomerular size selectivity in late streptozotocin-induced diabetes in rats: application of a distributed two-pore model. <i>Physiological Reports</i> , 2015, 3, e12397.	1.7	9
84	The Effect of Arabic Gum on Renal Function in Reversible Unilateral Ureteric Obstruction. <i>Biomolecules</i> , 2019, 9, 25.	4.0	9
85	Cardiac Inflammation, Oxidative Stress, Nrf2 Expression, and Coagulation Events in Mice with Experimental Chronic Kidney Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	4.0	9
86	Impact of Sodium Dichloroacetate Alone and in Combination Therapies on Lung Tumor Growth and Metastasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12553.	4.1	9
87	Effect of Hibiscus sabdariffa and its Anthocyanins on Some Reproductive Aspects in Rats. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	8
88	Betaine (N,N,N-trimethylglycine) averts photochemically-induced thrombosis in pial microvessels <i>in vivo</i> and platelet aggregation <i>in vitro</i> . <i>Experimental Biology and Medicine</i> , 2015, 240, 955-960.	2.4	8
89	Comparative Study on Pulmonary Toxicity in Mice Induced by Exposure to Unflavoured and Apple- and Strawberry-Flavoured Tobacco Waterpipe Smoke. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 1-11.	4.0	8
90	The Salutary Effects of Catalpol on Diesel Exhaust Particles-Induced Thrombogenic Changes and Cardiac Oxidative Stress, Inflammation and Apoptosis. <i>Biomedicines</i> , 2022, 10, 99.	3.2	7

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91	The Nephroprotective Effects of Î±-Bisabolol in Cisplatin-Induced Acute Kidney Injury in Mice. <i>Biomedicines</i> , 2022, 10, 842.	3.2	6
92	Preparation and Validated Analysis of Anthocyanin Concentrate from the Calyces of <i>Hibiscus sabdariffa</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	5
93	1,2,3-Triazolyl ester of ketorolac (15K), a potent PAK1 blocker, inhibits both growth and metastasis of orthotopic human pancreatic cancer xenografts in mice. <i>Drug Discoveries and Therapeutics</i> , 2019, 13, 248-255.	1.5	4
94	Ameliorative Effect of Gum Acacia on Hookah Smoke-Induced Testicular Impairment in Mice. <i>Biomolecules</i> , 2020, 10, 762.	4.0	4
95	Effect of smoking cessation on chronic waterpipe smoke inhalation-induced airway hyperresponsiveness, inflammation, and oxidative stress. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L791-L802.	2.9	4
96	Waterpipe smoke-induced hypercoagulability and cardiac injury in mice: Influence of cessation of exposure. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112493.	5.6	4
97	Exacerbation of Thrombotic Responses to Silver Nanoparticles in Hypertensive Mouse Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	4.0	4
98	Neutrophil Cathepsin G Enhances Thrombogenicity of Mildly Injured Arteries via ADP-Mediated Platelet Sensitization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 744.	4.1	3
99	Comparative Study on the Chronic Vascular Responses Induced by Regular Versus Occasional Waterpipe Smoke Inhalation in Mice. <i>Cellular Physiology and Biochemistry</i> , 2022, 56, 13-27.	1.6	3
100	Urinary Oxidative Damage Markers and Their Association with Obesity-Related Metabolic Risk Factors. <i>Antioxidants</i> , 2022, 11, 844.	5.1	3
101	Motor and Behavioral Effects of <i>Moringa oleifera</i> Leaf Extract. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	2
102	Potassium bromate-induced kidney damage in rats and the effect of gum acacia thereon. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 126-137.	0.0	2
103	Effects of Diesel Exhaust Particles on Mouse Gastric Stem Cells. <i>Life</i> , 2020, 10, 149.	2.4	1
104	Exacerbation of Coagulation and Cardiac Injury in Rats with Cisplatin-Induced Nephrotoxicity Following Intratracheal Instillation of Cerium Oxide Nanoparticles. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 1-16.	1.6	1
105	The Effects of Furosemide on Behavioral and Hormonal Parameters in Male and Female Mice Subjected to Immobilization and Cold-Water Stress. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 637-643.	3.2	0
106	Effect of gum Arabic on oxidative stress and inflammation in adenine-induced chronic renal failure in rats. <i>FASEB Journal</i> , 2012, 26, 1051.9.	0.5	0
107	Evaluation of the subacute systemic thrombotic and organ toxicity of nicotine in mice. <i>FASEB Journal</i> , 2013, 27, .	0.5	0