

Alessandra Bitto

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

184 papers	6,473 citations	43 h-index	73 g-index
195 ext. papers	7,926 ext. citations	4.8 avg, IF	5.33 L-index

#	Paper	IF	Citations
184	Oxidative Stress: Harms and Benefits for Human Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8416763	6.7	887
183	ROS-Mediated NLRP3 Inflammasome Activation in Brain, Heart, Kidney, and Testis Ischemia/Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 2183026	6.7	231
182	Effects of the phytoestrogen genistein on bone metabolism in osteopenic postmenopausal women: a randomized trial. <i>Annals of Internal Medicine</i> , 2007 , 146, 839-47	8	216
181	Effects of the phytoestrogen genistein on some predictors of cardiovascular risk in osteopenic, postmenopausal women: a two-year randomized, double-blind, placebo-controlled study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3068-75	5.6	140
180	Activation of an efferent cholinergic pathway produces strong protection against myocardial ischemia/reperfusion injury in rats. <i>Critical Care Medicine</i> , 2005 , 33, 2621-8	1.4	139
179	Recombinant human erythropoietin stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Diabetes</i> , 2004 , 53, 2509-17	0.9	130
178	Breast safety and efficacy of genistein aglycone for postmenopausal bone loss: a follow-up study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4787-96	5.6	123
177	Nuclear factor kappa-B blockade reduces skeletal muscle degeneration and enhances muscle function in Mdx mice. <i>Experimental Neurology</i> , 2006 , 198, 234-41	5.7	116
176	Recombinant human erythropoietin improves angiogenesis and wound healing in experimental burn wounds. <i>Critical Care Medicine</i> , 2006 , 34, 1139-46	1.4	106
175	Lipid peroxidation inhibition blunts nuclear factor-kappaB activation, reduces skeletal muscle degeneration, and enhances muscle function in mdx mice. <i>American Journal of Pathology</i> , 2006 , 168, 918-26	5.8	101
174	Both early and delayed treatment with melanocortin 4 receptor-stimulating melanocortins produces neuroprotection in cerebral ischemia. <i>Endocrinology</i> , 2006 , 147, 1126-35	4.8	100
173	Polydeoxyribonucleotide stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Wound Repair and Regeneration</i> , 2008 , 16, 208-17	3.6	94
172	Genistein in the metabolic syndrome: results of a randomized clinical trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 3366-74	5.6	92
171	Simvastatin enhances VEGF production and ameliorates impaired wound healing in experimental diabetes. <i>Pharmacological Research</i> , 2008 , 57, 159-69	10.2	87
170	Effects of genistein on hot flushes in early postmenopausal women: a randomized, double-blind EPT- and placebo-controlled study. <i>Menopause</i> , 2004 , 11, 400-4	2.5	84
169	Vagus nerve mediates the protective effects of melanocortins against cerebral and systemic damage after ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 512-23	7.3	82
168	Activation of the cholinergic anti-inflammatory pathway reduces NF-kappaB activation, blunts TNF-alpha production, and protects against splanchnic artery occlusion shock. <i>Shock</i> , 2006 , 25, 500-6	3.4	81

167	VEGF overexpression via adeno-associated virus gene transfer promotes skeletal muscle regeneration and enhances muscle function in mdx mice. <i>FASEB Journal</i> , 2007 , 21, 3737-46	0.9	78
166	Effects of the phytoestrogen genistein on hot flushes, endometrium, and vaginal epithelium in postmenopausal women: a 1-year randomized, double-blind, placebo-controlled study. <i>Menopause</i> , 2007 , 14, 648-55	2.5	75
165	Recombinant human erythropoietin stimulates angiogenesis and healing of ischemic skin wounds. <i>Shock</i> , 2004 , 22, 169-73	3.4	71
164	Polydeoxyribonucleotide reduces cytokine production and the severity of collagen-induced arthritis by stimulation of adenosine A _{2A} receptor. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3364-71		65
163	Polydeoxyribonucleotide (PDRN): a safe approach to induce therapeutic angiogenesis in peripheral artery occlusive disease and in diabetic foot ulcers. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2009 , 7, 313-21	1.9	61
162	Beta-arrestin 2 negatively regulates sepsis-induced inflammation. <i>Immunology</i> , 2010 , 130, 344-51	7.8	60
161	Effects of the phytoestrogen genistein on cardiovascular risk factors in postmenopausal women. <i>Menopause</i> , 2005 , 12, 186-92	2.5	60
160	Effects of the phytoestrogen genistein on hot flushes, endometrium, and vaginal epithelium in postmenopausal women: a 2-year randomized, double-blind, placebo-controlled study. <i>Menopause</i> , 2009 , 16, 301-6	2.5	58
159	BAY 11-7082 inhibits the NF- κ B and NLRP3 inflammasome pathways and protects against IMQ-induced psoriasis. <i>Clinical Science</i> , 2017 , 131, 487-498	6.5	57
158	Lack of the Nlrp3 Inflammasome Improves Mice Recovery Following Traumatic Brain Injury. <i>Frontiers in Pharmacology</i> , 2017 , 8, 459	5.6	57
157	Pharmacological Activity and Clinical Use of PDRN. <i>Frontiers in Pharmacology</i> , 2017 , 8, 224	5.6	54
156	OPG and sRANKL serum concentrations in osteopenic, postmenopausal women after 2-year genistein administration. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 715-20	6.3	54
155	Flavocoxid counteracts muscle necrosis and improves functional properties in mdx mice: a comparison study with methylprednisolone. <i>Experimental Neurology</i> , 2009 , 220, 349-58	5.7	53
154	Genistein aglycone does not affect thyroid function: results from a three-year, randomized, double-blind, placebo-controlled trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3067-72	5.6	52
153	Raxofelast, a hydrophilic vitamin E-like antioxidant, reduces testicular ischemia-reperfusion injury. <i>Urological Research</i> , 2004 , 32, 367-71		52
152	The effect of PDRN, an adenosine receptor A _{2A} agonist, on the healing of chronic diabetic foot ulcers: results of a clinical trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E746-53	5.6	51
151	Melanocortins protect against progression of Alzheimer's disease in triple-transgenic mice by targeting multiple pathophysiological pathways. <i>Neurobiology of Aging</i> , 2014 , 35, 537-47	5.6	50
150	Flavocoxid, a dual inhibitor of COX-2 and 5-LOX of natural origin, attenuates the inflammatory response and protects mice from sepsis. <i>Critical Care</i> , 2012 , 16, R32	10.8	50

149	Oxidative stress and DNA repair and detoxification gene expression in adolescents exposed to heavy metals living in the Milazzo-Valle del Mela area (Sicily, Italy). <i>Redox Biology</i> , 2014 , 2, 686-93	11.3	49
148	Treatment of cerebral ischemia with melanocortins acting at MC4 receptors induces marked neurogenesis and long-lasting functional recovery. <i>Acta Neuropathologica</i> , 2011 , 122, 443-53	14.3	47
147	Angiopoietin-1 gene transfer improves impaired wound healing in genetically diabetic mice without increasing VEGF expression. <i>Clinical Science</i> , 2008 , 114, 707-18	6.5	46
146	Protective effects of SP600125 a new inhibitor of c-jun N-terminal kinase (JNK) and extracellular-regulated kinase (ERK1/2) in an experimental model of cerulein-induced pancreatitis. <i>Life Sciences</i> , 2004 , 75, 2853-66	6.8	46
145	Effects of aglycone genistein in a rat experimental model of postmenopausal metabolic syndrome. <i>Journal of Endocrinology</i> , 2009 , 200, 367-76	4.7	45
144	Genistein aglycone, a soy-derived isoflavone, improves skin changes induced by ovariectomy in rats. <i>British Journal of Pharmacology</i> , 2012 , 165, 994-1005	8.6	44
143	Genistein and endothelial function in postmenopausal women with metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 1025-31	4.6	44
142	Cardiovascular effects of the phytoestrogen genistein. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2004 , 2, 179-86		44
141	Activation of adenosine A2A receptors restores the altered cell-cycle machinery during impaired wound healing in genetically diabetic mice. <i>Surgery</i> , 2011 , 149, 253-61	3.6	43
140	Association between serum paraoxonase (PON1) gene promoter T(-107)C polymorphism, PON1 activity and HDL levels in healthy Sicilian octogenarians. <i>Experimental Gerontology</i> , 2004 , 39, 1089-94	4.5	43
139	Melanocortin 4 receptor stimulation decreases pancreatitis severity in rats by activation of the cholinergic anti-inflammatory pathway. <i>Critical Care Medicine</i> , 2011 , 39, 1089-96	1.4	42
138	Effects of the phytoestrogen genistein on the circulating soluble receptor activator of nuclear factor kappaB ligand-osteoprotegerin system in early postmenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 188-92	5.6	42
137	Inhibition of inflammasome activation improves the impaired pattern of healing in genetically diabetic mice. <i>British Journal of Pharmacology</i> , 2014 , 171, 2300-7	8.6	41
136	Polydeoxyribonucleotide (PDRN) restores blood flow in an experimental model of peripheral artery occlusive disease. <i>Journal of Vascular Surgery</i> , 2008 , 48, 1292-300	3.5	41
135	Melanocortin MC4 receptor agonists counteract late inflammatory and apoptotic responses and improve neuronal functionality after cerebral ischemia. <i>European Journal of Pharmacology</i> , 2011 , 670, 479-86	5.3	40
134	Polydeoxyribonucleotide restores blood flow in an experimental model of ischemic skin flaps. <i>Journal of Vascular Surgery</i> , 2012 , 55, 479-88	3.5	39
133	Polydeoxyribonucleotide improves angiogenesis and wound healing in experimental thermal injury. <i>Critical Care Medicine</i> , 2008 , 36, 1594-602	1.4	39
132	Neuroprotection in focal cerebral ischemia owing to delayed treatment with melanocortins. <i>European Journal of Pharmacology</i> , 2007 , 570, 57-65	5.3	39

131	The disaccharide trehalose inhibits proinflammatory phenotype activation in macrophages and prevents mortality in experimental septic shock. <i>Shock</i> , 2007 , 27, 91-6	3.4	39
130	Flavocoxid Protects Against Cadmium-Induced Disruption of the Blood-Testis Barrier and Improves Testicular Damage and Germ Cell Impairment in Mice [corrected]. <i>Toxicological Sciences</i> , 2015 , 148, 311-29	4.4	37
129	Update on genistein and thyroid: an overall message of safety. <i>Frontiers in Endocrinology</i> , 2012 , 3, 94	5.7	35
128	Effects of phytoestrogen genistein on cytogenetic biomarkers in postmenopausal women: 1 year randomized, placebo-controlled study. <i>European Journal of Pharmacology</i> , 2008 , 589, 22-6	5.3	35
127	Flavocoxid inhibits phospholipase A2, peroxidase moieties of the cyclooxygenases (COX), and 5-lipoxygenase, modifies COX-2 gene expression, and acts as an antioxidant. <i>Mediators of Inflammation</i> , 2011 , 2011, 385780	4.3	34
126	Evidence for a role of mitogen-activated protein kinase 3/mitogen-activated protein kinase in the development of testicular ischemia-reperfusion injury. <i>Biology of Reproduction</i> , 2005 , 73, 730-6	3.9	34
125	Broad therapeutic treatment window of [Nle(4), D-Phe(7)]alpha-melanocyte-stimulating hormone for long-lasting protection against ischemic stroke, in Mongolian gerbils. <i>European Journal of Pharmacology</i> , 2006 , 538, 48-56	5.3	33
124	Protective effect of genistein aglycone on the development of osteonecrosis of the femoral head and secondary osteoporosis induced by methylprednisolone in rats. <i>Journal of Endocrinology</i> , 2009 , 201, 321-8	4.7	32
123	Adenosine receptor stimulation by polynucleotides (PDRN) reduces inflammation in experimental periodontitis. <i>Journal of Clinical Periodontology</i> , 2013 , 40, 26-32	7.7	31
122	Flavocoxid, a nutraceutical approach to blunt inflammatory conditions. <i>Mediators of Inflammation</i> , 2014 , 2014, 790851	4.3	31
121	Relaxin improves multiple markers of wound healing and ameliorates the disturbed healing pattern of genetically diabetic mice. <i>Clinical Science</i> , 2013 , 125, 575-85	6.5	31
120	Functional recovery after delayed treatment of ischemic stroke with melanocortins is associated with overexpression of the activity-dependent gene Zif268. <i>Brain, Behavior, and Immunity</i> , 2009 , 23, 844-50	16.6	30
119	ECaryophyllene Mitigates Collagen Antibody Induced Arthritis (CAIA) in Mice Through a Cross-Talk between CB2 and PPAR- α Receptors. <i>Biomolecules</i> , 2019 , 9,	5.9	29
118	Dietary Management of Skin Health: The Role of Genistein. <i>Nutrients</i> , 2017 , 9,	6.7	29
117	Cadmium-Induced Oxidative Stress Impairs Glycemic Control in Adolescents. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 6341671	6.7	29
116	Modulation of IL-1 beta gene expression by lipid peroxidation inhibition after kainic acid-induced rat brain injury. <i>Experimental Neurology</i> , 2004 , 188, 178-86	5.7	29
115	ECaryophyllene Inhibits Cell Proliferation through a Direct Modulation of CB2 Receptors in Glioblastoma Cells. <i>Cancers</i> , 2020 , 12,	6.6	28
114	The soy isoflavone genistein blunts nuclear factor kappa-B, MAPKs and TNF- α activation and ameliorates muscle function and morphology in mdx mice. <i>Neuromuscular Disorders</i> , 2011 , 21, 579-89	2.9	28

113	Platelet-activating factor acetylhydrolase is not associated with carotid intima-media thickness in hypercholesterolemic Sicilian individuals. <i>Clinical Chemistry</i> , 2004 , 50, 2077-82	5.5	28
112	Effects of COX1-2/5-LOX blockade in Alzheimer transgenic 3xTg-AD mice. <i>Inflammation Research</i> , 2017 , 66, 389-398	7.2	27
111	Immunoproteasome-Selective Inhibitors: A Promising Strategy to Treat Hematologic Malignancies, Autoimmune and Inflammatory Diseases. <i>Current Medicinal Chemistry</i> , 2016 , 23, 1217-38	4.3	27
110	Activation of adenosine A2A receptors by polydeoxyribonucleotide increases vascular endothelial growth factor and protects against testicular damage induced by experimental varicocele in rats. <i>Fertility and Sterility</i> , 2011 , 95, 1510-3	4.8	27
109	Biglycan expression in hypertensive subjects with normal or increased carotid intima-media wall thickness. <i>Clinica Chimica Acta</i> , 2009 , 406, 89-93	6.2	27
108	Melanocortins as potential therapeutic agents in severe hypoxic conditions. <i>Frontiers in Neuroendocrinology</i> , 2012 , 33, 179-93	8.9	26
107	Antiestrogenic Activity of Genistein Aglycone in Postmenopausal Women: Evidence from a Post-Hoc Analysis of a Multicenter Randomized Controlled Trial. <i>Nutrients</i> , 2017 , 9,	6.7	26
106	Simvastatin attenuates the development of pulmonary and cutaneous fibrosis in a murine model of systemic sclerosis. <i>Rheumatology</i> , 2013 , 52, 1377-86	3.9	26
105	High mobility group box-1 expression correlates with poor outcome in lung injury patients. <i>Pharmacological Research</i> , 2010 , 61, 116-20	10.2	26
104	Polydeoxyribonucleotide, an Adenosine-A2 Receptor Agonist, Preserves Blood Testis Barrier from Cadmium-Induced Injury. <i>Frontiers in Pharmacology</i> , 2016 , 7, 537	5.6	25
103	Genistein Supplementation and Cardiac Function in Postmenopausal Women with Metabolic Syndrome: Results from a Pilot Strain-Echo Study. <i>Nutrients</i> , 2017 , 9,	6.7	25
102	Cadmium delays puberty onset and testis growth in adolescents. <i>Clinical Endocrinology</i> , 2015 , 83, 357-62	3.4	25
101	Evidence for markers of hypoxia and apoptosis in explanted human carotid atherosclerotic plaques. <i>Journal of Vascular Surgery</i> , 2010 , 52, 1015-21	3.5	25
100	Antioxidant effect of atorvastatin is independent of PON1 gene T(-107)C, Q192R and L55M polymorphisms in hypercholesterolaemic patients. <i>Current Medical Research and Opinion</i> , 2005 , 21, 777-84	2.5	25
99	A dual inhibitor of cyclooxygenase and 5-lipoxygenase protects against kainic acid-induced brain injury. <i>NeuroMolecular Medicine</i> , 2015 , 17, 192-201	4.6	24
98	Blockade of the JNK signalling as a rational therapeutic approach to modulate the early and late steps of the inflammatory cascade in polymicrobial sepsis. <i>Mediators of Inflammation</i> , 2015 , 2015, 591572	4.3	24
97	Protective effects of melanocortins on short-term changes in a rat model of traumatic brain injury*. <i>Critical Care Medicine</i> , 2012 , 40, 945-51	1.4	24
96	Adenosine Receptor Stimulation by Polydeoxyribonucleotide Improves Tissue Repair and Symptomatology in Experimental Colitis. <i>Frontiers in Pharmacology</i> , 2016 , 7, 273	5.6	24

95	Melanocortin 4 receptor activation protects against testicular ischemia-reperfusion injury by triggering the cholinergic antiinflammatory pathway. <i>Endocrinology</i> , 2011 , 152, 3852-61	4.8	23
94	Activation of A2A Receptor by PDRN Reduces Neuronal Damage and Stimulates WNT/ECATENIN Driven Neurogenesis in Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2018 , 9, 506	5.6	22
93	Melanocortins protect against multiple organ dysfunction syndrome in mice. <i>British Journal of Pharmacology</i> , 2011 , 162, 917-28	8.6	22
92	The Role of NLRP3 Inflammasome in the Pathogenesis of Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
91	Effects of the antagomiRs 15b and 200b on the altered healing pattern of diabetic mice. <i>British Journal of Pharmacology</i> , 2018 , 175, 644-655	8.6	21
90	Impairment of elastic properties of the aorta in bicuspid aortic valve: relationship between biomolecular and aortic strain patterns. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 879-887 ⁴¹	4.1	20
89	Epigenetic modifications due to heavy metals exposure in children living in polluted areas. <i>Current Genomics</i> , 2014 , 15, 464-8	2.6	20
88	NLRP3 Inflammasome Involvement in the Organ Damage and Impaired Spermatogenesis Induced by Testicular Ischemia and Reperfusion in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 355, 370-80	4.7	19
87	Levels of heavy metals in adolescents living in the industrialised area of Milazzo-Valle del Mela (northern Sicily). <i>Journal of Environmental and Public Health</i> , 2014 , 2014, 326845	2.6	19
86	Vitamin D Status and the Relationship with Bone Fragility Fractures in HIV-Infected Patients: A Case Control Study. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
85	Lipid peroxidation inhibition by raxofelast improves angiogenesis and wound healing in experimental burn wounds. <i>Shock</i> , 2005 , 24, 85-91	3.4	18
84	Evidence for a role of mitogen-activated protein kinases in the treatment of experimental acute pancreatitis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 16535-43	5.6	18
83	Reactive Oxygen Species: Modulators of Phenotypic Switch of Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
82	Identification of noncovalent proteasome inhibitors with high selectivity for chymotrypsin-like activity by a multistep structure-based virtual screening. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 578-591	6.8	18
81	Melanocortins protect against brain damage and counteract cognitive decline in a transgenic mouse model of moderate Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2014 , 740, 144-50	5.3	17
80	Role of Inhibitors of Apoptosis Proteins in Testicular Function and Male Fertility: Effects of Polydeoxyribonucleotide Administration in Experimental Varicocele. <i>BioMed Research International</i> , 2015 , 2015, 248976	3	17
79	Lipid peroxidation triggers both c-Jun N-terminal kinase (JNK) and extracellular-regulated kinase (ERK) activation and neointimal hyperplasia induced by cessation of blood flow in the mouse carotid artery. <i>Atherosclerosis</i> , 2005 , 178, 295-302	3.1	17
78	The paraoxonase promoter polymorphism (-107)T>C is not associated with carotid intima-media thickness in Sicilian hypercholesterolemic patients. <i>Clinical Biochemistry</i> , 2004 , 37, 388-94	3.5	17

77	Protective effects of antioxidant raxofelast in alcohol-induced liver disease in mice. <i>Pharmacology</i> , 2005 , 74, 6-14	2.3	17
76	CO2 pneumoperitoneum impact on early liver and lung cytokine expression in a rat model of abdominal sepsis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 984-9	5.2	16
75	Flavonoids in adipose tissue inflammation and atherosclerosis: one arrow, two targets. <i>Clinical Science</i> , 2020 , 134, 1403-1432	6.5	16
74	Dual α_1 and α_2 blockade attenuates fibrotic and vascular alterations in a murine model of systemic sclerosis. <i>Clinical Science</i> , 2018 , 132, 231-242	6.5	16
73	Effects of a new flavonoid and Myo-inositol supplement on some biomarkers of cardiovascular risk in postmenopausal women: a randomized trial. <i>International Journal of Endocrinology</i> , 2014 , 2014, 653567	2.7	15
72	Genistein aglycone: a new therapeutic approach to reduce endometrial hyperplasia. <i>Phytomedicine</i> , 2010 , 17, 844-50	6.5	14
71	Takotsubo syndrome and estrogen receptor genes: partners in crime?. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 268-276	1.9	13
70	Involvement of mitogen-activated protein kinases (MAPKs) during testicular ischemia-reperfusion injury in nuclear factor-kappaB knock-out mice. <i>Life Sciences</i> , 2007 , 81, 413-22	6.8	13
69	Exploiting Curcumin Synergy With Natural Products Using Quantitative Analysis of Dose-Effect Relationships in an Experimental Model of Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1347	5.6	13
68	Adenosine Receptor Stimulation Improves Glucocorticoid-Induced Osteoporosis in a Rat Model. <i>Frontiers in Pharmacology</i> , 2017 , 8, 558	5.6	12
67	Development of Novel Amides as Noncovalent Inhibitors of Immunoproteasomes. <i>ChemMedChem</i> , 2019 , 14, 842-852	3.7	11
66	Use of a balanced dual cyclooxygenase-1/2 and 5-lipoxygenase inhibitor in experimental colitis. <i>European Journal of Pharmacology</i> , 2016 , 789, 152-162	5.3	10
65	Increased Serum HMGB-1, ICAM-1 and Metalloproteinase-9 Levels in Buerger's Patients. <i>Current Vascular Pharmacology</i> , 2016 , 14, 382-7	3.3	10
64	Skin Involvement and Pulmonary Hypertension Are Associated with Vitamin D Insufficiency in Scleroderma. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
63	Non-covalent immunoproteasome inhibitors induce cell cycle arrest in multiple myeloma MM.1R cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 1307-1313	5.6	9
62	HDL subclasses and the common CETP TaqIB variant predict the incidence of microangiopathic complications in type 2 diabetic women: A 9years follow-up study. <i>Diabetes Research and Clinical Practice</i> , 2017 , 132, 108-117	7.4	9
61	Modulation of neuronal nitric oxide synthase and apoptosis by the isoflavone genistein in Mdx mice. <i>BioFactors</i> , 2015 , 41, 324-9	6.1	9
60	Role of AHR, AHRR and ARNT in response to dioxin-like PCBs in <i>Spaurus aurata</i> . <i>Environmental Science and Pollution Research</i> , 2014 , 21, 14226-31	5.1	9

59	Evaluation of CYP450 inhibitory effects and steady-state pharmacokinetics of genistein in combination with cholecalciferol and citrated zinc bisglycinate in postmenopausal women. <i>International Journal of Women's Health</i> , 2011 , 3, 139-50	2.8	9
58	PDRN, a Bioactive Natural Compound, Ameliorates Imiquimod-Induced Psoriasis through NF- κ B Pathway Inhibition and Wnt/ β Catenin Signaling Modulation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
57	The ESR2 AluI 1730G>A (rs4986938) gene polymorphism is associated with fibrinogen plasma levels in postmenopausal women. <i>Gene</i> , 2012 , 508, 206-10	3.8	8
56	Increased pain and inflammatory sensitivity in growth hormone-releasing hormone (GHRH) knockout mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2019 , 144, 106362	3.7	7
55	The ESR2 AluI gene polymorphism is associated with bone mineral density in postmenopausal women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 127, 413-7	5.1	7
54	Inhibition of lipid peroxidation by IRFI 042, a vitamin E analogue, decreases monensin cardiotoxicity in chicks. <i>Toxicology and Applied Pharmacology</i> , 2005 , 208, 137-44	4.6	7
53	Activation of the EPOR- β common receptor complex by cibinetide ameliorates impaired wound healing in mice with genetic diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 632-639	6.9	7
52	Neuroprotective Effects of Polydeoxyribonucleotide in a Murine Model of Cadmium Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4285694	6.7	7
51	Visfatin correlates with hot flashes in postmenopausal women with metabolic syndrome: effects of genistein. <i>Endocrine</i> , 2017 , 55, 899-906	4	6
50	Propylthiouracil modulates aortic vasculopathy in the oxidative stress model of systemic sclerosis. <i>Vascular Pharmacology</i> , 2015 , 71, 79-83	5.9	6
49	Epoetin Alpha and Epoetin Zeta: A Comparative Study on Stimulation of Angiogenesis and Wound Repair in an Experimental Model of Burn Injury. <i>BioMed Research International</i> , 2015 , 2015, 968927	3	6
48	Anti-inflammatory effects of the methanol extract of <i>Sedum telephium</i> ssp. maximum in lipopolysaccharide- stimulated rat peritoneal macrophages. <i>Pharmacology</i> , 2008 , 82, 250-6	2.3	6
47	Combined Treatment with Polynucleotides and Hyaluronic Acid Improves Tissue Repair in Experimental Colitis. <i>Biomedicines</i> , 2020 , 8,	4.8	6
46	EPAC in Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
45	Recent Advances in Nanotherapeutics for Multiple Myeloma. <i>Cancers</i> , 2020 , 12,	6.6	6
44	Medical simulation in pharmacology learning and retention: A comparison study with traditional teaching in undergraduate medical students. <i>Pharmacology Research and Perspectives</i> , 2019 , 7, e00449	3.1	5
43	Flavocoxid exerts a potent antiviral effect against hepatitis B virus. <i>Inflammation Research</i> , 2018 , 67, 89-103	7.2	5
42	HPLC-DAD Analysis, Antioxidant and Protective Effects of Tunisian <i>Rhanterium suaveolens</i> against Acetaminophen Induced Oxidative Stress on Mice Erythrocytes. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900428	2.5	5

41	CO2 pneumoperitoneum preserves E-cadherin 2 content and reduces high mobility group box-1 (HMGB-1) expression in an animal model of peritonitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 160568	6.7	5
40	The steady-state serum concentration of genistein aglycone is affected by formulation: a bioequivalence study of bone products. <i>BioMed Research International</i> , 2013 , 2013, 273498	3	5
39	Platelet activating factor-acetylhydrolase (PAF-AH) activity and HDL levels, but not PAF-AH gene polymorphisms, are associated with successful aging in Sicilian octogenarians. <i>Aging Clinical and Experimental Research</i> , 2008 , 20, 171-7	4.8	5
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