

# Alessandra Bitto

## List of Publications by Year in descending order

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190  
papers

9,534  
citations

41344

49  
h-index

48315

88  
g-index

195  
all docs

195  
docs citations

195  
times ranked

11771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress: Harms and Benefits for Human Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	2,095
2	ROS-Mediated NLRP3 Inflammasome Activation in Brain, Heart, Kidney, and Testis Ischemia/Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	365
3	Effects of the Phytoestrogen Genistein on Bone Metabolism in Osteopenic Postmenopausal Women. <i>Annals of Internal Medicine</i> , 2007, 146, 839.	3.9	277
4	Recombinant Human Erythropoietin Stimulates Angiogenesis and Wound Healing in the Genetically Diabetic Mouse. <i>Diabetes</i> , 2004, 53, 2509-2517.	0.6	174
5	Activation of an efferent cholinergic pathway produces strong protection against myocardial ischemia/reperfusion injury in rats*. <i>Critical Care Medicine</i> , 2005, 33, 2621-2628.	0.9	160
6	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, 3068-3075.	3.6	160
7	Recombinant human erythropoietin improves angiogenesis and wound healing in experimental burn wounds*. <i>Critical Care Medicine</i> , 2006, 34, 1139-1146.	0.9	157
8	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, 4787-4796.	3.6	142
9	Genistein in the Metabolic Syndrome: Results of a Randomized Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3366-3374.	3.6	134
10	Nuclear factor kappa-B blockade reduces skeletal muscle degeneration and enhances muscle function in Mdx mice. <i>Experimental Neurology</i> , 2006, 198, 234-241.	4.1	128
11	Polydeoxyribonucleotide stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Wound Repair and Regeneration</i> , 2008, 16, 208-217.	3.0	117
12	Simvastatin enhances VEGF production and ameliorates impaired wound healing in experimental diabetes. <i>Pharmacological Research</i> , 2008, 57, 159-169.	7.1	117
13	Both Early and Delayed Treatment with Melanocortin 4 Receptor-Stimulating Melanocortins Produces Neuroprotection in Cerebral Ischemia. <i>Endocrinology</i> , 2006, 147, 1126-1135.	2.8	106
14	Lipid Peroxidation Inhibition Blunts Nuclear Factor- $\kappa$ B Activation, Reduces Skeletal Muscle Degeneration, and Enhances Muscle Function in mdx Mice. <i>American Journal of Pathology</i> , 2006, 168, 918-926.	3.8	105
15	Effects of genistein on hot flushes in early postmenopausal women: a randomized, double-blind EPT- and placebo-controlled study.. <i>Menopause</i> , 2004, 11, 400-404.	2.0	102
16	BAY 11-7082 inhibits the NF- $\kappa$ B and NLRP3 inflammasome pathways and protects against IMQ-induced psoriasis. <i>Clinical Science</i> , 2017, 131, 487-498.	4.3	102
17	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, 3737-3746.	0.5	95
18	ACTIVATION OF THE CHOLINERGIC ANTI-INFLAMMATORY PATHWAY REDUCES NF- $\kappa$ B ACTIVATION, BLUNTS TNF- $\alpha$ PRODUCTION, AND PROTECTS AGAINST SPLANCHIC ARTERY OCCLUSION SHOCK. <i>Shock</i> , 2006, 25, 500-506.	2.1	91

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19	Lack of the Nlrp3 Inflammasome Improves Mice Recovery Following Traumatic Brain Injury. <i>Frontiers in Pharmacology</i> , 2017, 8, 459.	3.5	89
20	Pharmacological Activity and Clinical Use of PDRN. <i>Frontiers in Pharmacology</i> , 2017, 8, 224.	3.5	87
21	Effects of the phytoestrogen genistein on hot flushes, endometrium, and vaginal epithelium in postmenopausal women. <i>Menopause</i> , 2007, 14, 648-655.	2.0	85
22	RECOMBINANT HUMAN ERYTHROPOIETIN STIMULATES ANGIOGENESIS AND HEALING OF ISCHEMIC SKIN WOUNDS. <i>Shock</i> , 2004, 22, 169-173.	2.1	84
23	Polydeoxyribonucleotide reduces cytokine production and the severity of collagen-induced arthritis by stimulation of adenosine A <sub>2A</sub> receptor. <i>Arthritis and Rheumatism</i> , 2011, 63, 3364-3371.	6.7	76
24	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, 313-321.	1.0	75
25	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, 686-693.	9.0	74
26	Effects of the phytoestrogen genistein on cardiovascular risk factors in postmenopausal women. <i>Menopause</i> , 2005, 12, 186-192.	2.0	69
27	Effects of the phytoestrogen genistein on hot flushes, endometrium, and vaginal epithelium in postmenopausal women. <i>Menopause</i> , 2009, 16, 301-306.	2.0	69
28	OPG and sRANKL Serum Concentrations in Osteopenic, Postmenopausal Women After 2-Year Genistein Administration. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 715-720.	2.8	67
29	Beta-arrestin 2 negatively regulates sepsis-induced inflammation. <i>Immunology</i> , 2010, 130, 344-351.	4.4	65
30	Inhibition of inflammasome activation improves the impaired pattern of healing in genetically diabetic mice. <i>British Journal of Pharmacology</i> , 2014, 171, 2300-2307.	5.4	65
31	The Role of NLRP3 Inflammasome in the Pathogenesis of Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6204.	4.1	64
32	Melanocortins protect against progression of Alzheimer's disease in triple-transgenic mice by targeting multiple pathophysiological pathways. <i>Neurobiology of Aging</i> , 2014, 35, 537-547.	3.1	62
33	Reactive Oxygen Species: Modulators of Phenotypic Switch of Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8764.	4.1	61
34	Flavocoxid counteracts muscle necrosis and improves functional properties in mdx mice: A comparison study with methylprednisolone. <i>Experimental Neurology</i> , 2009, 220, 349-358.	4.1	58
35	Genistein aglycone, a soy-derived isoflavone, improves skin changes induced by ovariectomy in rats. <i>British Journal of Pharmacology</i> , 2012, 165, 994-1005.	5.4	58
36	Raxofelast, a hydrophilic vitamin e-like antioxidant, reduces testicular ischemia-reperfusion injury. <i>Urological Research</i> , 2004, 32, 367-371.	1.5	57

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37	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, 3067-3072.	3.6	56
38	Corrigenda. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 763-763.	3.6	56
39	Cardiovascular Effects of the Phytoestrogen Genistein. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2004, 2, 179-186.	1.7	54
40	Angiotensin-1 gene transfer improves impaired wound healing in genetically diabetic mice without increasing VEGF expression. <i>Clinical Science</i> , 2008, 114, 707-718.	4.3	54
41	Effects of aglycone genistein in a rat experimental model of postmenopausal metabolic syndrome. <i>Journal of Endocrinology</i> , 2009, 200, 367-376.	2.6	54
42	Genistein and endothelial function in postmenopausal women with metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2013, 43, 1025-1031.	3.4	54
43	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, 2853-2866.	4.3	52
44	Polydeoxyribonucleotide (PDRN) restores blood flow in an experimental model of peripheral artery occlusive disease. <i>Journal of Vascular Surgery</i> , 2008, 48, 1292-1300.	1.1	52
45	Polydeoxyribonucleotide restores blood flow in an experimental model of ischemic skin flaps. <i>Journal of Vascular Surgery</i> , 2012, 55, 479-488.	1.1	52
46	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, 1089-1094.	2.8	51
47	Treatment of cerebral ischemia with melanocortins acting at MC4 receptors induces marked neurogenesis and long-lasting functional recovery. <i>Acta Neuropathologica</i> , 2011, 122, 443-453.	7.7	51
48	Melanocortin 4 receptor stimulation decreases pancreatitis severity in rats by activation of the cholinergic anti-inflammatory pathway*. <i>Critical Care Medicine</i> , 2011, 39, 1089-1096.	0.9	50
49	Dietary Management of Skin Health: The Role of Genistein. <i>Nutrients</i> , 2017, 9, 622.	4.1	50
50	Î²-Caryophyllene Mitigates Collagen Antibody Induced Arthritis (CAIA) in Mice Through a Cross-Talk between CB2 and PPAR-Î³ Receptors. <i>Biomolecules</i> , 2019, 9, 326.	4.0	49
51	Effects of the Phytoestrogen Genistein on the Circulating Soluble Receptor Activator of Nuclear Factor Î²B Ligand-Osteoprotegerin System in Early Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 188-192.	3.6	48
52	THE DISACCHARIDE TREHALOSE INHIBITS PROINFLAMMATORY PHENOTYPE ACTIVATION IN MACROPHAGES AND PREVENTS MORTALITY IN EXPERIMENTAL SEPTIC SHOCK. <i>Shock</i> , 2007, 27, 91-96.	2.1	48
53	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, 479-486.	3.5	46
54	Î²-Caryophyllene Inhibits Cell Proliferation through a Direct Modulation of CB2 Receptors in Glioblastoma Cells. <i>Cancers</i> , 2020, 12, 1038.	3.7	46

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55	Polydeoxyribonucleotide improves angiogenesis and wound healing in experimental thermal injury. <i>Critical Care Medicine</i> , 2008, 36, 1594-1602.	0.9	45
56	Antiosteoporotic Activity of Genistein Aglycone in Postmenopausal Women: Evidence from a Post-Hoc Analysis of a Multicenter Randomized Controlled Trial. <i>Nutrients</i> , 2017, 9, 179.	4.1	45
57	Activation of adenosine A2A receptors restores the altered cell-cycle machinery during impaired wound healing in genetically diabetic mice. <i>Surgery</i> , 2011, 149, 253-261.	1.9	44
58	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, 1-11.	3.0	44
59	Neuroprotection in focal cerebral ischemia owing to delayed treatment with melanocortins. <i>European Journal of Pharmacology</i> , 2007, 570, 57-65.	3.5	43
60	Update on genistein and thyroid: an overall message of safety. <i>Frontiers in Endocrinology</i> , 2012, 3, 94.	3.5	43
61	Relaxin improves multiple markers of wound healing and ameliorates the disturbed healing pattern of genetically diabetic mice. <i>Clinical Science</i> , 2013, 125, 575-585.	4.3	43
62	Genistein Supplementation and Cardiac Function in Postmenopausal Women with Metabolic Syndrome: Results from a Pilot Strain-Echo Study. <i>Nutrients</i> , 2017, 9, 584.	4.1	43
63	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, 321-328.	2.6	42
64	Cadmium-Induced Oxidative Stress Impairs Glycemic Control in Adolescents. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-6.	4.0	41
65	Polydeoxyribonucleotide, an Adenosine-A2A Receptor Agonist, Preserves Blood Testis Barrier from Cadmium-Induced Injury. <i>Frontiers in Pharmacology</i> , 2016, 7, 537.	3.5	40
66	Effects of phytoestrogen genistein on cytogenetic biomarkers in postmenopausal women: 1 year randomized, placebo-controlled study. <i>European Journal of Pharmacology</i> , 2008, 589, 22-26.	3.5	39
67	Adenosine receptor stimulation by polynucleotides (<sc>PDRN</sc>) reduces inflammation in experimental periodontitis. <i>Journal of Clinical Periodontology</i> , 2013, 40, 26-32.	4.9	39
68	Activation of A2A Receptor by PDRN Reduces Neuronal Damage and Stimulates WNT/ $\beta$ -CATENIN Driven Neurogenesis in Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2018, 9, 506.	3.5	39
69	Flavonoids in adipose tissue inflammation and atherosclerosis: one arrow, two targets. <i>Clinical Science</i> , 2020, 134, 1403-1432.	4.3	39
70	Broad therapeutic treatment window of [Nle4, D-Phe7] $\alpha$ -melanocyte-stimulating hormone for long-lasting protection against ischemic stroke, in Mongolian gerbils. <i>European Journal of Pharmacology</i> , 2006, 538, 48-56.	3.5	38
71	Flavocoxid, a Nutraceutical Approach to Blunt Inflammatory Conditions. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.	3.0	38
72	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, 730-736.	2.7	37

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73	Effects of COX1-2/5-LOX blockade in Alzheimer transgenic 3xTg-AD mice. <i>Inflammation Research</i> , 2017, 66, 389-398.	4.0	37
74	High mobility group box-1 expression correlates with poor outcome in lung injury patients. <i>Pharmacological Research</i> , 2010, 61, 116-120.	7.1	36
75	Cadmium delays puberty onset and testis growth in adolescents. <i>Clinical Endocrinology</i> , 2015, 83, 357-362.	2.4	36
76	Immunoproteasome-Selective Inhibitors: A Promising Strategy to Treat Hematologic Malignancies, Autoimmune and Inflammatory Diseases. <i>Current Medicinal Chemistry</i> , 2016, 23, 1217-1238.	2.4	36
77	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.	5.4	35
78	Simvastatin attenuates the development of pulmonary and cutaneous fibrosis in a murine model of systemic sclerosis. <i>Rheumatology</i> , 2013, 52, 1377-1386.	1.9	33
79	Platelet-Activating Factor Acetylhydrolase Is Not Associated with Carotid Intima-Media Thickness in Hypercholesterolemic Sicilian Individuals. <i>Clinical Chemistry</i> , 2004, 50, 2077-2082.	3.2	32
80	Modulation of IL-1 $\beta$ gene expression by lipid peroxidation inhibition after kainic acid-induced rat brain injury. <i>Experimental Neurology</i> , 2004, 188, 178-186.	4.1	32
81	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, 370-380.	2.5	32
82	Adenosine Receptor Stimulation by Polydeoxyribonucleotide Improves Tissue Repair and Symptomology in Experimental Colitis. <i>Frontiers in Pharmacology</i> , 2016, 7, 273.	3.5	32
83	Dual $\alpha$ 23 and $\alpha$ 25 blockade attenuates fibrotic and vascular alterations in a murine model of systemic sclerosis. <i>Clinical Science</i> , 2018, 132, 231-242.	4.3	32
84	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, 844-850.	4.1	31
85	The soy isoflavone genistein blunts nuclear factor kappa-B, MAPKs and TNF- $\alpha$ activation and ameliorates muscle function and morphology in mdx mice. <i>Neuromuscular Disorders</i> , 2011, 21, 579-589.	0.6	31
86	Protective effects of melanocortins on short-term changes in a rat model of traumatic brain injury*. <i>Critical Care Medicine</i> , 2012, 40, 945-951.	0.9	31
87	Melanocortins as potential therapeutic agents in severe hypoxic conditions. <i>Frontiers in Neuroendocrinology</i> , 2012, 33, 179-193.	5.2	31
88	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, 1510-1513.	1.0	30
89	Evidence for markers of hypoxia and apoptosis in explanted human carotid atherosclerotic plaques. <i>Journal of Vascular Surgery</i> , 2010, 52, 1015-1021.	1.1	29
90	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, 1-7.	3.0	29

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91	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.	1.2	29
92	Biglycan expression in hypertensive subjects with normal or increased carotid intima-media wall thickness. <i>Clinica Chimica Acta</i> , 2009, 406, 89-93.	1.1	28
93	A Dual Inhibitor of Cyclooxygenase and 5-Lipoxygenase Protects Against Kainic Acid-Induced Brain Injury. <i>NeuroMolecular Medicine</i> , 2015, 17, 192-201.	3.4	28
94	LIPID PEROXIDATION INHIBITION BY RAXOFELAST IMPROVES ANGIOGENESIS AND WOUND HEALING IN EXPERIMENTAL BURN WOUNDS. <i>Shock</i> , 2005, 24, 85-91.	2.1	27
95	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, 1-9.	0.9	27
96	Epigenetic Modifications Due to Heavy Metals Exposure in Children Living in Polluted Areas. <i>Current Genomics</i> , 2015, 15, 464-468.	1.6	27
97	Antioxidant effect of atorvastatin is independent of PON1 gene T(â€“107)C, Q192R and L55M polymorphisms in hypercholesterolaemic patients. <i>Current Medical Research and Opinion</i> , 2005, 21, 777-784.	1.9	26
98	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, 144-150.	3.5	26
99	Melanocortin 4 Receptor Activation Protects Against Testicular Ischemia-Reperfusion Injury by Triggering the Cholinergic Antiinflammatory Pathway. <i>Endocrinology</i> , 2011, 152, 3852-3861.	2.8	25
100	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, 1-9.	1.9	25
101	Melanocortins protect against multiple organ dysfunction syndrome in mice. <i>British Journal of Pharmacology</i> , 2011, 162, 917-928.	5.4	23
102	Role of Cytokines in Vitiligo: Pathogenesis and Possible Targets for Old and New Treatments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11429.	4.1	23
103	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, 119.	4.1	22
104	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.	5.5	21
105	PDRN, a Bioactive Natural Compound, Ameliorates Imiquimod-Induced Psoriasis through NF- $\kappa$ B Pathway Inhibition and Wnt/ $\beta$ -Catenin Signaling Modulation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1215.	4.1	21
106	Protective Effects of Antioxidant Raxofelast in Alcohol-Induced Liver Disease in Mice. <i>Pharmacology</i> , 2005, 74, 6-14.	2.2	20
107	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, 1-7.	1.5	20
108	Skin Involvement and Pulmonary Hypertension Are Associated with Vitamin D Insufficiency in Scleroderma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2103.	4.1	19

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109	Takotsubo syndrome and estrogen receptor genes. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 268-276.	1.5	19
110	Exploiting Curcumin Synergy With Natural Products Using Quantitative Analysis of Dose-Effect Relationships in an Experimental In Vitro Model of Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1347.	3.5	19
111	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.	3.3	19
112	The paraoxonase promoter polymorphism ( $\sim 107$ )T>C is not associated with carotid intima-media thickness in Sicilian hypercholesterolemic patients. <i>Clinical Biochemistry</i> , 2004, 37, 388-394.	1.9	18
113	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.	0.8	18
114	Genistein aglycone: A new therapeutic approach to reduce endometrial hyperplasia. <i>Phytomedicine</i> , 2010, 17, 844-850.	5.3	18
115	Development of Novel Amides as Noncovalent Inhibitors of Immunoproteasomes. <i>ChemMedChem</i> , 2019, 14, 842-852.	3.2	18
116	Involvement of mitogen-activated protein kinases (MAPKs) during testicular ischemia-reperfusion injury in nuclear factor- $\kappa$ B knock-out mice. <i>Life Sciences</i> , 2007, 81, 413-422.	4.3	17
117	CO <sub>2</sub> 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, 984-989.	2.4	17
118	Adenosine Receptor Stimulation Improves Glucocorticoid-Induced Osteoporosis in a Rat Model. <i>Frontiers in Pharmacology</i> , 2017, 8, 558.	3.5	17
119	Recent Advances in Nanotherapeutics for Multiple Myeloma. <i>Cancers</i> , 2020, 12, 3144.	3.7	17
120	Pharmacogenetics of Biological Agents Used in Inflammatory Bowel Disease: A Systematic Review. <i>Biomedicines</i> , 2021, 9, 1748.	3.2	16
121	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, 14226-14231.	5.3	15
122	Increased Serum HMGB-1, ICAM-1 and Metalloproteinase-9 Levels in Buerger's Patients. <i>Current Vascular Pharmacology</i> , 2016, 14, 382-387.	1.7	15
123	Polydeoxyribonucleotide: A Promising Biological Platform to Accelerate Impaired Skin Wound Healing. <i>Pharmaceuticals</i> , 2021, 14, 1103.	3.8	15
124	Beta-Caryophyllene Exhibits Anti-Proliferative Effects through Apoptosis Induction and Cell Cycle Modulation in Multiple Myeloma Cells. <i>Cancers</i> , 2021, 13, 5741.	3.7	15
125	Activation of the EPOR- $\beta$ 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.	3.8	14
126	Combined Treatment with Polynucleotides and Hyaluronic Acid Improves Tissue Repair in Experimental Colitis. <i>Biomedicines</i> , 2020, 8, 438.	3.2	14

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127	Bicuspid aortic valve and aortopathy: novel prognostic predictors for the identification of high-risk patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 808-816.	1.2	14
128	Anti-obesity drug therapy in clinical practice: Evidence of a poor prescriptive attitude. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110320.	5.6	14
129	Potential Role of microRNAs in inducing Drug Resistance in Patients with Multiple Myeloma. <i>Cells</i> , 2021, 10, 448.	4.1	14
130	Fibrosis after Myocardial Infarction: An Overview on Cellular Processes, Molecular Pathways, Clinical Evaluation and Prognostic Value. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 16.	2.9	14
131	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.	2.4	13
132	EPAC in Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5160.	4.1	13
133	Role of Adenosine and Purinergic Receptors in Myocardial Infarction: Focus on Different Signal Transduction Pathways. <i>Biomedicines</i> , 2021, 9, 204.	3.2	13
134	IL-13 and IL-33 Serum Levels Are Increased in Systemic Sclerosis Patients With Interstitial Lung Disease. <i>Frontiers in Medicine</i> , 2022, 9, 825567.	2.6	13
135	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.	3.5	12
136	Visfatin correlates with hot flashes in postmenopausal women with metabolic syndrome: effects of genistein. <i>Endocrine</i> , 2017, 55, 899-906.	2.3	12
137	HDL subclasses and the common CETP Taq1B variant predict the incidence of microangiopathic complications in type 2 diabetic women: A 9 years follow-up study. <i>Diabetes Research and Clinical Practice</i> , 2017, 132, 108-117.	2.8	12
138	New-Onset Atrial Fibrillation and Early Mortality Rate in COVID-19 Patients: Association with IL-6 Serum Levels and Respiratory Distress. <i>Medicina (Lithuania)</i> , 2022, 58, 530.	2.0	12
139	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.	2.6	11
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