

Alessandra Bitto

List of Publications by Year in Descending Order

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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	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	4.9	1
183	Mechanisms underlying the effects of caloric restriction on hypertension.. <i>Biochemical Pharmacology</i> , 2022 , 200, 115035	6	0
182	Beta-Caryophyllene Exhibits Anti-Proliferative Effects through Apoptosis Induction and Cell Cycle Modulation in Multiple Myeloma Cells. <i>Cancers</i> , 2021 , 13,	6.6	3
181	Role of Cytokines in Vitiligo: Pathogenesis and Possible Targets for Old and New Treatments. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
180	Polydeoxyribonucleotide: A Promising Biological Platform to Accelerate Impaired Skin Wound Healing. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
179	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	4.1	3
178	Fibrosis after Myocardial Infarction: An Overview on Cellular Processes, Molecular Pathways, Clinical Evaluation and Prognostic Value. <i>Medical Sciences (Basel, Switzerland)</i> , 2021 , 9,	3.3	3
177	The PREdictor of MAlnutrition in Systemic Sclerosis (PREMASS) Score: A Combined Index to Predict 12 Months Onset of Malnutrition in Systemic Sclerosis. <i>Frontiers in Medicine</i> , 2021 , 8, 651748	4.9	1
176	Drug Repositioning for the Treatment of Hematologic Disease: Limits, Challenges and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2195-2217	4.3	1
175	Could Antigen Presenting Cells Represent a Protective Element during SARS-CoV-2 Infection in Children?. <i>Pathogens</i> , 2021 , 10,	4.5	5
174	New Approaches and Repurposed Antiviral Drugs for the Treatment of the SARS-CoV-2 Infection. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
173	Irisin and Vascular Inflammation: Beneficial Effects of a Healthy Lifestyle Beyond Physical Activity. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2151-2155	3.3	1
172	A Phase 1/2 Study of Flavocoxid, an Oral NF- κ B Inhibitor, in Duchenne Muscular Dystrophy. <i>Brain Sciences</i> , 2021 , 11,	3.4	4
171	Role of Adenosine and Purinergic Receptors in Myocardial Infarction: Focus on Different Signal Transduction Pathways. <i>Biomedicines</i> , 2021 , 9,	4.8	1
170	Potential Role of microRNAs in inducing Drug Resistance in Patients with Multiple Myeloma. <i>Cells</i> , 2021 , 10,	7.9	5
169	MAO-A Inhibition by Metaxalone Reverts IL-1 β -Induced Inflammatory Phenotype in Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
168	Anti-obesity drug therapy in clinical practice: Evidence of a poor prescriptive attitude. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 128, 110320	7.5	4

167	Failure of Achieving Tacrolimus Target Blood Concentration Might Be Avoided by a Wide Genotyping of Transplanted Patients: Evidence from a Retrospective Study. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	1
166	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
165	β Caryophyllene Inhibits Cell Proliferation through a Direct Modulation of CB2 Receptors in Glioblastoma Cells. <i>Cancers</i> , 2020 , 12,	6.6	28
164	A New Supplement for the Treatment of Metabolic Syndrome in Postmenopausal Women. <i>Food and Nutrition Sciences (Print)</i> , 2020 , 11, 23-31	0.4	
163	Correct management and low rate of contagiousness of healthcare workers in a University Hospital in Southern Italy: from contact tracing to serological investigation. <i>Acta Biomedica</i> , 2020 , 91, 79-86	3.2	5
162	Severe Acute Respiratory Syndrome Coronavirus-2 Induces Cytokine Storm and Inflammation During Coronavirus Disease 19: Perspectives and Possible Therapeutic Approaches. <i>Frontiers in Pharmacology</i> , 2020 , 11, 592169	5.6	5
161	Flavonoids in adipose tissue inflammation and atherosclerosis: one arrow, two targets. <i>Clinical Science</i> , 2020 , 134, 1403-1432	6.5	16
160	Growth hormone-releasing hormone (GHRH) deficiency promotes inflammation-associated carcinogenesis. <i>Pharmacological Research</i> , 2020 , 152, 104614	10.2	3
159	Combined Treatment with Polynucleotides and Hyaluronic Acid Improves Tissue Repair in Experimental Colitis. <i>Biomedicine</i> , 2020 , 8,	4.8	6
158	Reactive Oxygen Species: Modulators of Phenotypic Switch of Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
157	EPAC in Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
156	Recent Advances in Nanotherapeutics for Multiple Myeloma. <i>Cancers</i> , 2020 , 12,	6.6	6
155	The Role of NLRP3 Inflammasome in the Pathogenesis of Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
154	Polymorphisms Involved in Response to Biological Agents Used in Rheumatoid Arthritis. <i>Biomolecules</i> , 2020 , 10,	5.9	2
153	Characterization, antioxidant and protective effects of edible <i>Rumex roseus</i> on erythrocyte oxidative damage induced by methomyl. <i>Journal of Food Measurement and Characterization</i> , 2020 , 14, 229-243	2.8	3
152	Development of Novel Amides as Noncovalent Inhibitors of Immunoproteasomes. <i>ChemMedChem</i> , 2019 , 14, 842-852	3.7	11
151	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
150	β Caryophyllene Mitigates Collagen Antibody Induced Arthritis (CAIA) in Mice Through a Cross-Talk between CB2 and PPAR- γ Receptors. <i>Biomolecules</i> , 2019 , 9,	5.9	29

149	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
148	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
147	HPLC-DAD Analysis, Antioxidant and Protective Effects of Tunisian Rhanterium suaveolens against Acetamiprid Induced Oxidative Stress on Mice Erythrocytes. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900428	2.5	5
146	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
145	Identification of 2-thioxoimidazolidin-4-one derivatives as novel noncovalent proteasome and immunoproteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 278-283	2.9	4
144	PCB-126 effects on aryl hydrocarbon receptor, ubiquitin and p53 expression levels in a fish product (<i>Sparus aurata</i> L.). <i>Natural Product Research</i> , 2018 , 32, 1136-1144	2.3	4
143	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	4.1	20
142	Flavocoxid exerts a potent antiviral effect against hepatitis B virus. <i>Inflammation Research</i> , 2018 , 67, 89-103	7.2	5
141	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
140	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
139	White-to-brown adipose differentiation: role of estrogen receptor beta and the isoflavone genistein. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, OR28-3	8	3
138	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
137	Activation of the EPOR- α 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
136	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
135	Neuroprotective Effects of Polydeoxyribonucleotide in a Murine Model of Cadmium Toxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4285694	6.7	7
134	Visfatin correlates with hot flashes in postmenopausal women with metabolic syndrome: effects of genistein. <i>Endocrine</i> , 2017 , 55, 899-906	4	6
133	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
132	Effects of COX1-2/5-LOX blockade in Alzheimer transgenic 3xTg-AD mice. <i>Inflammation Research</i> , 2017 , 66, 389-398	7.2	27

131	Takotsubo syndrome and estrogen receptor genes: partners in crime?. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 268-276	1.9	13
130	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
129	Pharmacological Activity and Clinical Use of PDRN. <i>Frontiers in Pharmacology</i> , 2017 , 8, 224	5.6	54
128	Lack of the Nlrp3 Inflammasome Improves Mice Recovery Following Traumatic Brain Injury. <i>Frontiers in Pharmacology</i> , 2017 , 8, 459	5.6	57
127	Adenosine Receptor Stimulation Improves Glucocorticoid-Induced Osteoporosis in a Rat Model. <i>Frontiers in Pharmacology</i> , 2017 , 8, 558	5.6	12
126	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,	6.7	26
125	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
124	Dietary Management of Skin Health: The Role of Genistein. <i>Nutrients</i> , 2017 , 9,	6.7	29
123	Cadmium-Induced Oxidative Stress Impairs Glycemic Control in Adolescents. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 6341671	6.7	29
122	Oxidative Stress: Harms and Benefits for Human Health. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8416763	6.7	887
121	Evidence for using a dual COX 1/2 and 5-LOX inhibitor in neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2017 , 12, 1077-1078	4.5	1
120	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
119	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
118	Simvastatin prevents vascular complications in the chronic reactive oxygen species murine model of systemic sclerosis. <i>Free Radical Research</i> , 2016 , 50, 514-22	4	3
117	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
116	Genomic Variations Affecting Biological Effects of Statins. <i>Current Drug Metabolism</i> , 2016 , 17, 566-72	3.5	3
115	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
114	Adenosine Receptor Stimulation by Polydeoxyribonucleotide Improves Tissue Repair and Symptomology in Experimental Colitis. <i>Frontiers in Pharmacology</i> , 2016 , 7, 273	5.6	24

113	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
112	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
111	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
110	Propylthiouracil modulates aortic vasculopathy in the oxidative stress model of systemic sclerosis. <i>Vascular Pharmacology</i> , 2015 , 71, 79-83	5.9	6
109	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
108	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, 311-324	4.4	37
107	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
106	Polyethylene glycol formulations show different soft tissue remodeling and angiogenesis features. <i>Tissue Engineering - Part A</i> , 2015 , 21, 580-5	3.9	2
105	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
104	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
103	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
102	CO2 pneumoperitoneum preserves Hsp70 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
101	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
100	Cadmium delays puberty onset and testis growth in adolescents. <i>Clinical Endocrinology</i> , 2015 , 83, 357-62	3.4	25
99	The effect of PDRN, an adenosine receptor A2A 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
98	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
97	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
96	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

95	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
94	Epigenetic modifications due to heavy metals exposure in children living in polluted areas. <i>Current Genomics</i> , 2014 , 15, 464-8	2.6	20
93	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
92	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, 653561	2.7	15
91	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
90	Flavocoxid, a nutraceutical approach to blunt inflammatory conditions. <i>Mediators of Inflammation</i> , 2014 , 2014, 790851	4.3	31
89	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
88	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
87	Adenosine receptor stimulation by polynucleotides (PDRN) reduces inflammation in experimental periodontitis. <i>Journal of Clinical Periodontology</i> , 2013 , 40, 26-32	7.7	31
86	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
85	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
84	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
83	Genistein and endothelial function in postmenopausal women with metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 1025-31	4.6	44
82	Polymorphic alleles in exon 1 of the CTLA4 gene do not predict the response to abatacept. <i>Clinical and Experimental Rheumatology</i> , 2013 , 31, 813	2.2	5
81	Porcine derived relaxin stimulates new vessel formation and improves the disturbed wound healing of the genetically diabetic mice. <i>Italian Journal of Anatomy and Embryology</i> , 2013 , 118, 66-70		3
80	Melanocortins as potential therapeutic agents in severe hypoxic conditions. <i>Frontiers in Neuroendocrinology</i> , 2012 , 33, 179-93	8.9	26
79	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
78	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

77	CHAPTER 25:Isoflavones and Thyroid Function: An Overview. <i>Food and Nutritional Components in Focus</i> , 2012 , 423-437		1
76	CHAPTER 10:Genistein Chemistry and Biochemistry. <i>Food and Nutritional Components in Focus</i> , 2012 , 148-156		
75	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
74	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
73	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
72	Update on genistein and thyroid: an overall message of safety. <i>Frontiers in Endocrinology</i> , 2012 , 3, 94	5.7	35
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	Melanocortins protect against multiple organ dysfunction syndrome in mice. <i>British Journal of Pharmacology</i> , 2011 , 162, 917-28	8.6	22
63	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
62	Genistein aglycone effect on bone loss is not enhanced by supplemental calcium and vitamin D3: a dose ranging experimental study. <i>Phytomedicine</i> , 2011 , 18, 879-86	6.5	4
61	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
60	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

59	Polydeoxyribonucleotide reduces cytokine production and the severity of collagen-induced arthritis by stimulation of adenosine A(A) receptor. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3364-71		65
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, 385780	4.3	34
57	Beta-arrestin 2 negatively regulates sepsis-induced inflammation. <i>Immunology</i> , 2010 , 130, 344-51	7.8	60
56	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
55	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
54	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
53	Genistein aglycone: a new therapeutic approach to reduce endometrial hyperplasia. <i>Phytomedicine</i> , 2010 , 17, 844-50	6.5	14
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	Polydeoxyribonucleotide stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Wound Repair and Regeneration</i> , 2008 , 16, 208-17	3.6	94
43	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
42	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

41	Simvastatin enhances VEGF production and ameliorates impaired wound healing in experimental diabetes. <i>Pharmacological Research</i> , 2008 , 57, 159-69	10.2	87
40	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
39	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
38	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
37	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
36	Polydeoxyribonucleotide improves angiogenesis and wound healing in experimental thermal injury. <i>Critical Care Medicine</i> , 2008 , 36, 1594-602	1.4	39
35	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
34	Neuroprotection in focal cerebral ischemia owing to delayed treatment with melanocortins. <i>European Journal of Pharmacology</i> , 2007 , 570, 57-65	5.3	39
33	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
32	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
31	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
30	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
29	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
28	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
27	Genistein administration & climacteric symptoms: from plasma levels to biological activity. <i>Indian Journal of Medical Research</i> , 2007 , 125, 508-9	2.9	1
26	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
25	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
24	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

23	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
22	Recombinant human erythropoietin improves angiogenesis and wound healing in experimental burn wounds. <i>Critical Care Medicine</i> , 2006 , 34, 1139-46	1.4	106
21	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
20	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
19	Lipid peroxidation inhibition by raxofelast improves angiogenesis and wound healing in experimental burn wounds. <i>Shock</i> , 2005 , 24, 85-91	3.4	18
18	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
17	Effects of the phytoestrogen genistein on cardiovascular risk factors in postmenopausal women. <i>Menopause</i> , 2005 , 12, 186-92	2.5	60
16	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
15	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
14	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
13	Protective effects of antioxidant raxofelast in alcohol-induced liver disease in mice. <i>Pharmacology</i> , 2005 , 74, 6-14	2.3	17
12	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
11	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
10	Recombinant human erythropoietin stimulates angiogenesis and wound healing in the genetically diabetic mouse. <i>Diabetes</i> , 2004 , 53, 2509-17	0.9	130
9	Cardiovascular effects of the phytoestrogen genistein. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2004 , 2, 179-86		44
8	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
7	Raxofelast, a hydrophilic vitamin E-like antioxidant, reduces testicular ischemia-reperfusion injury. <i>Urological Research</i> , 2004 , 32, 367-71		52
6	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

5	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, 388-388	3.5	
4	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
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2	Recombinant human erythropoietin stimulates angiogenesis and healing of ischemic skin wounds. <i>Shock</i> , 2004 , 22, 169-73	3.4	71
1	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