

Ernest A Adeghate

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.

222
papers

4,118
citations

31
h-index

53
g-index

239
ext. papers

4,856
ext. citations

3.6
avg, IF

5.73
L-index

#	Paper	IF	Citations
222	Histamine H3 receptor antagonists - Roles in neurological and endocrine diseases and diabetes mellitus.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112947	7.5	1
221	Investigation of the Experimental Pharmacokinetics of the Bis-Chlorinated Bis-pyridinium Mono-aldoxime Cholinesterase Reactivator K-868 in Rats. <i>Open Medicinal Chemistry Journal</i> , 2021 , 15, 17-27	1.2	
220	Obesity: Molecular Mechanisms, Epidemiology, Complications and Pharmacotherapy 2021 , 249-266		
219	Cellular and Biochemical Mechanisms Driving the Susceptibility of Obese Subjects to Covid-19 Infection 2021 , 105-118		
218	Ameliorating effects of histamine H3 receptor antagonist E177 on acute pentylenetetrazole-induced memory impairments in rats. <i>Behavioural Brain Research</i> , 2021 , 405, 113193 ³⁻⁴		1
217	ECaryophyllene, a natural bicyclic sesquiterpene attenuates β adrenergic agonist-induced myocardial injury in a cannabinoid receptor-2 dependent and independent manner. <i>Free Radical Biology and Medicine</i> , 2021 , 167, 348-366	7.8	3
216	Nerolidol, a sesquiterpene, attenuates oxidative stress and inflammation in acetic acid-induced colitis in rats. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 3497-3512	4.2	3
215	Nociceptin Increases Antioxidant Expression in the Kidney, Liver and Brain of Diabetic Rats. <i>Biology</i> , 2021 , 10,	4.9	2
214	Nootkatone attenuates myocardial oxidative damage, inflammation, and apoptosis in isoproterenol-induced myocardial infarction in rats. <i>Phytomedicine</i> , 2021 , 84, 153405	6.5	11
213	Mechanisms of COVID-19-induced heart failure: a short review. <i>Heart Failure Reviews</i> , 2021 , 26, 363-369 ⁵		17
212	Protective effects of the novel amine-oxidase inhibitor multi-target drug SZV 1287 on streptozotocin-induced beta cell damage and diabetic complications in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 134, 111105	7.5	3
211	Effects of obesity and diabetes on heart rhythm in the Zucker rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 735-747	3	2
210	Chemical constituents and medicinal properties of Allium species. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 4301-4321	4.2	5
209	Lipocalin-2: Structure, function, distribution and role in metabolic disorders. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112002	7.5	9
208	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	4.6	10
207	Antagonism of Histamine H3 receptors Alleviates Pentylenetetrazole-Induced Kindling and Associated Memory Deficits by Mitigating Oxidative Stress, Central Neurotransmitters, and c-Fos Protein Expression in Rats. <i>Molecules</i> , 2020 , 25,	4.8	12
206	Exogenous Ghrelin Increases Plasma Insulin Level in Diabetic Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	10

205	Comparative enzyme histochemistry of NADPH-diaphorase(nitric oxide synthase) positive neurons in normal and spontaneously hypertensive rats 2020 , 57-75		1
204	Effect of diabetes mellitus on vitamin B12, pepsinogen and gastric intrinsic factor levels in rats. <i>Hamdan Medical Journal</i> , 2020 , 13, 93	0.2	1
203	Pattern of distribution of lipocalin 2 in the pancreas of diabetic rat. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
202	Anti-diabetic Effect of <i>Acridocarpus Orientalis</i> . <i>Open Medicinal Chemistry Journal</i> , 2020 , 14, 132-144	1.2	
201	Hypocretin/orexin modulates body weight and the metabolism of glucose and insulin. <i>Diabetes/Metabolism Research and Reviews</i> , 2020 , 36, e3229	7.5	6
200	Bisabolol protects against Adrenergic agonist-induced myocardial infarction in rats by attenuating inflammation, lysosomal dysfunction, NLRP3 inflammasome activation and modulating autophagic flux. <i>Food and Function</i> , 2020 , 11, 965-976	6.1	19
199	The metabolic sensor PASK is a histone 3 kinase that also regulates H3K4 methylation by associating with H3K4 MLL2 methyltransferase complex. <i>Nucleic Acids Research</i> , 2019 , 47, 10086-10103	20.1	5
198	Caryophyllene, a dietary phytocannabinoid attenuates oxidative stress, inflammation, apoptosis and prevents structural alterations of the myocardium against doxorubicin-induced acute cardiotoxicity in rats: An in vitro and in vivo study. <i>European Journal of Pharmacology</i> , 2019 , 858, 172467	5.3	37
197	An update on therapies for the treatment of diabetes-induced osteoporosis. <i>Expert Opinion on Biological Therapy</i> , 2019 , 19, 937-948	5.4	34
196	Caryophyllene, a natural bicyclic sesquiterpene attenuates doxorubicin-induced chronic cardiotoxicity via activation of myocardial cannabinoid type-2 (CB) receptors in rats. <i>Chemico-Biological Interactions</i> , 2019 , 304, 158-167	5	32
195	An update of SGLT1 and SGLT2 inhibitors in early phase diabetes-type 2 clinical trials. <i>Expert Opinion on Investigational Drugs</i> , 2019 , 28, 811-820	5.9	4
194	Pharmacokinetics of K117 and K127, two novel antidote candidates to treat Tabun poisoning. <i>Chemico-Biological Interactions</i> , 2019 , 310, 108737	5	3
193	Dose-Dependent Tissue Distribution of K117, a Bis-pyridinium Aldoxime, in Rats. <i>Open Medicinal Chemistry Journal</i> , 2019 , 13, 1-6	1.2	3
192	Effect of Visfatin on Metabolic Profiles of an Animal Model of Type 2 Diabetes. <i>FASEB Journal</i> , 2019 , 33, 767.35	0.9	
191	In vivo Labeling of Bone Microdamage in an Animal Model of Type 1 Diabetes Mellitus. <i>Scientific Reports</i> , 2019 , 9, 16994	4.9	1
190	Type 2 Diabetes Mellitus Increases the Risk to Hip Fracture in Postmenopausal Osteoporosis by Deteriorating the Trabecular Bone Microarchitecture and Bone Mass. <i>Journal of Diabetes Research</i> , 2019 , 2019, 3876957	3.9	14
189	Effects of long-term dehydration on oxidative stress, apoptotic markers and neuropeptides in the gastric mucosa of the dromedary camel. <i>Molecular and Cellular Biochemistry</i> , 2019 , 455, 109-118	4.2	3
188	Type 1 diabetes mellitus induces structural changes and molecular remodelling in the rat kidney. <i>Molecular and Cellular Biochemistry</i> , 2018 , 449, 9-25	4.2	10

187	An update on the role of irisin in the regulation of endocrine and metabolic functions. <i>Peptides</i> , 2018 , 104, 15-23	3.8	49
186	Pharmacognostical Sources of Popular Medicine To Treat Alzheimer's Disease. <i>Open Medicinal Chemistry Journal</i> , 2018 , 12, 23-35	1.2	2
185	Effect of nociceptin on insulin release in normal and diabetic rat pancreas. <i>Cell and Tissue Research</i> , 2018 , 374, 517-529	4.2	8
184	Menthol inhibits oxidative stress and inflammation in acetic acid-induced colitis in rat colonic mucosa. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 4210-4222	3	12
183	Catalase and glutathione reductase co-localize with insulin in pancreatic beta cells of normal and diabetic rats. <i>FASEB Journal</i> , 2018 , 32, 511.5	0.9	
182	Hyperglycemia-induced cardiac contractile dysfunction in the diabetic heart. <i>Heart Failure Reviews</i> , 2018 , 23, 37-54	5	27
181	Novel biological therapies for the treatment of diabetic foot ulcers. <i>Expert Opinion on Biological Therapy</i> , 2017 , 17, 979-987	5.4	24
180	Terbufos sulfone aggravates kidney damage in STZ-induced diabetic rats. <i>Biologia (Poland)</i> , 2017 , 72, 946-953	1.5	
179	Chronic Complications of Diabetes Mellitus: A Mini Review. <i>Current Diabetes Reviews</i> , 2017 , 13, 3-10	2.7	135
178	Effects on SpermsRQuality of Selegiline in Aged Rats. <i>Open Medicinal Chemistry Journal</i> , 2017 , 11, 138-145	1.5	1
177	Genipin attenuates cisplatin-induced nephrotoxicity by counteracting oxidative stress, inflammation, and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 1083-1097	7.5	32
176	Monitoring the Level of C-Labelled Selegiline Following Oral Administration. <i>Open Medicinal Chemistry Journal</i> , 2017 , 11, 1-8	1.2	
175	Diabetes-induced changes in the morphology and nociceptinergic innervation of the rat uterus. <i>Journal of Molecular Histology</i> , 2016 , 47, 21-33	3.3	9
174	Terbufos-sulfone exacerbates cardiac lesions in diabetic rats: a sub-acute toxicity study. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016 , 67, 126-35	1.7	3
173	Effect of turmeric on colon histology, body weight, ulcer, IL-23, MPO and glutathione in acetic-acid-induced inflammatory bowel disease in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 72	4.7	18
172	Early pulmonary events of nose-only water pipe (shisha) smoking exposure in mice. <i>Physiological Reports</i> , 2015 , 3, e12258	2.6	22
171	Mini review on blood-brain barrier penetration of pyridinium aldoximes. <i>Journal of Applied Toxicology</i> , 2015 , 35, 116-23	4.1	31
170	Distribution of nociceptin in pancreatic islet cells of normal and diabetic rats. <i>Pancreas</i> , 2015 , 44, 602-7	2.6	5

169	Enhanced Glucose Tolerance and Pancreatic Beta Cell Function by Low Dose Aspirin in Hyperglycemic Insulin-Resistant Type 2 Diabetic Goto-Kakizaki (GK) Rats. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 1939-50	3.9	17
168	Evaluating the Phase II drugs currently under investigation for diabetic neuropathy. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 1-15	5.9	3
167	Anti-hyperlipidemic effect of methanol bark extract of Terminalia chebula in male albino Wistar rats. <i>Pharmaceutical Biology</i> , 2015 , 53, 1133-40	3.8	10
166	Incretins Increase the Tissue Level of Endogenous Antioxidants in Experimental Diabetes Mellitus. <i>FASEB Journal</i> , 2015 , 29, 621.4	0.9	
165	The effect of glucagon-like peptide-1 in the management of diabetes mellitus: cellular and molecular mechanisms. <i>Cell and Tissue Research</i> , 2014 , 358, 343-58	4.2	12
164	Mechanism of the beneficial and protective effects of exenatide in diabetic rats. <i>Journal of Endocrinology</i> , 2014 , 220, 291-304	4.7	30
163	Structural changes in the myocardium during diabetes-induced cardiomyopathy. <i>Heart Failure Reviews</i> , 2014 , 19, 15-23	5	57
162	HPLC analysis and detection of l-deprenyl. <i>Acta Chromatographica</i> , 2014 , 26, 649-656	1.5	1
161	Recent Progress in the Use of Glucagon and Glucagon Receptor Antagonists in the Treatment of Diabetes Mellitus. <i>Open Medicinal Chemistry Journal</i> , 2014 , 8, 28-35	1.2	15
160	The protective effects of <i>Cyperus rotundus</i> on behavior and cognitive function in a rat model of hypoxia injury. <i>Pharmaceutical Biology</i> , 2014 , 52, 1558-69	3.8	16
159	Chronic effects of mild hyperglycaemia on left ventricle transcriptional profile and structural remodelling in the spontaneously type 2 diabetic Goto-Kakizaki rat. <i>Heart Failure Reviews</i> , 2014 , 19, 65-74	5	25
158	Metabolism of selegiline [(+)-deprenyl]. <i>Current Medicinal Chemistry</i> , 2014 , 21, 1522-30	4.3	8
157	Sub-chronic exposure of non-observable adverse effect dose of terbufos sulfone: neuroinflammation in diabetic and non-diabetic rats. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1397-405	2.6	9
156	Effects of Diabetes-Induced Hyperglycemia in the Heart: Biochemical and Structural Alterations 2014 , 77-106		1
155	Vitamin E modifies the ultrastructure of testis and epididymis in mice exposed to lead intoxication. <i>Annals of Anatomy</i> , 2013 , 195, 272-7	2.9	21
154	Deciphering intracellular localization and physiological role of nociceptin and nocistatin. <i>Peptides</i> , 2013 , 43, 174-83	3.8	7
153	Biocompatibility of calcined mesoporous silica particles with ventricular myocyte structure and function. <i>Chemical Research in Toxicology</i> , 2013 , 26, 26-36	4	6
152	Sub-chronic exposure to paraoxon neither induces nor exacerbates diabetes mellitus in Wistar rat. <i>Journal of Applied Toxicology</i> , 2013 , 33, 1036-43	4.1	5

151	Nose-only water-pipe smoking effects on airway resistance, inflammation, and oxidative stress in mice. <i>Journal of Applied Physiology</i> , 2013 , 115, 1316-23	3.7	30
150	Medicinal chemistry of drugs with active metabolites following conjugation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1550-63	3.2	7
149	Nociceptinergic system as potential target in Parkinson's disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1389-97	3.2	3
148	Alzheimer disease and diabetes mellitus: do they have anything in common?. <i>Current Alzheimer Research</i> , 2013 , 10, 609-17	3	26
147	The effect of camel urine on islet morphology and CCL4-induced liver cirrhosis in rat. <i>BMC Proceedings</i> , 2012 , 6,	2.3	78
146	Contractility of ventricular myocytes is well preserved despite altered mechanisms of Ca ²⁺ transport and a changing pattern of mRNA in aged type 2 Zucker diabetic fatty rat heart. <i>Molecular and Cellular Biochemistry</i> , 2012 , 361, 267-80	4.2	20
145	Pancreatic βcell: the beauty of being plastic. <i>Experimental Physiology</i> , 2012 , 97, 906-7	2.4	
144	Evaluation of the pulmonary effects of short-term nose-only cigarette smoke exposure in mice. <i>Experimental Biology and Medicine</i> , 2012 , 237, 1449-56	3.7	26
143	Orexins: tissue localization, functions, and its relation to insulin secretion and diabetes mellitus. <i>Vitamins and Hormones</i> , 2012 , 89, 111-33	2.5	14
142	Active metabolites resulting from decarboxylation, reduction and ester hydrolysis of parent drugs. <i>Current Drug Metabolism</i> , 2012 , 13, 835-62	3.5	1
141	Medicinal chemistry of drugs with active metabolites (N-, O-, and S-desalkylation and some specific oxidative alterations). <i>Current Medicinal Chemistry</i> , 2012 , 19, 5683-704	4.3	8
140	Ventricular myocyte contraction, intracellular calcium and expression of genes encoding cardiac muscle proteins in young and ageing Zucker diabetic fatty rat heart. <i>Hamdan Medical Journal</i> , 2012 , 5, 165	0.2	3
139	Heart rhythm disturbances in the neonatal alloxan-induced diabetic rat. <i>Pathophysiology</i> , 2011 , 18, 185-928		2
138	Medicinal Chemistry and Actions of Dual and Pan PPAR Modulators. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 93-8	1.2	36
137	Medicinal Chemistry and Applications of Incretins and DPP-4 Inhibitors in the Treatment of Type 2 Diabetes Mellitus. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 82-92	1.2	24
136	Medicinal chemistry of the anti-diabetic effects of momordica charantia: active constituents and modes of actions. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 70-7	1.2	73
135	Mechanism of orexin B-stimulated insulin and glucagon release from the pancreas of normal and diabetic rats. <i>Pancreas</i> , 2011 , 40, 131-6	2.6	16
134	Comparative analysis of six different brands of date fruits. <i>Acta Chromatographica</i> , 2011 , 23, 603-610	1.5	1

133	Changing pattern of gene expression is associated with ventricular myocyte dysfunction and altered mechanisms of Ca ²⁺ signalling in young type 2 Zucker diabetic fatty rat heart. <i>Experimental Physiology</i> , 2011 , 96, 325-37	2.4	39
132	Left ventricle structural remodelling in the prediabetic Goto-Kakizaki rat. <i>Experimental Physiology</i> , 2011 , 96, 875-88	2.4	43
131	Structural lesions and changing pattern of expression of genes encoding cardiac muscle proteins are associated with ventricular myocyte dysfunction in type 2 diabetic Goto-Kakizaki rats fed a high-fat diet. <i>Experimental Physiology</i> , 2011 , 96, 765-77	2.4	11
130	Diabetes mellitus is associated with an increased expression of resistin in human pancreatic islet cells. <i>Islets</i> , 2011 , 3, 246-9	2	14
129	Aliphatic and aromatic oxidations, epoxidation and S-oxidation of prodrugs that yield active drug metabolites. <i>Current Medicinal Chemistry</i> , 2011 , 18, 4885-900	4.3	2
128	Medicinal chemistry of novel anti-diabetic drugs. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 68-9	1.2	6
127	Amylin analogues in the treatment of diabetes mellitus: medicinal chemistry and structural basis of its function. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 78-81	1.2	27
126	Pancreas-protective effects of chlorella in STZ-induced diabetic animal model: insights into the mechanism. <i>Journal of Diabetes Mellitus</i> , 2011 , 01, 36-45	0.5	21
125	Heart rate, body temperature and physical activity are variously affected during insulin treatment in alloxan-induced type 1 diabetic rat. <i>Physiological Research</i> , 2011 , 60, 65-73	2.1	6
124	Orexin-1 receptor co-localizes with pancreatic hormones in islet cells and modulates the outcome of streptozotocin-induced diabetes mellitus. <i>PLoS ONE</i> , 2010 , 5, e8587	3.7	18
123	Medicinal chemistry of drugs used in diabetic cardiomyopathy. <i>Current Medicinal Chemistry</i> , 2010 , 17, 517-51	4.3	20
122	Streptozotocin causes pancreatic beta cell failure via early and sustained biochemical and cellular alterations. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2010 , 118, 699-707	2.3	10
121	Medicinal chemistry of antiviral/anticancer prodrugs subjected to phosphate conjugation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010 , 10, 822-45	3.2	2
120	Chromatographic separation of antiviral/anticancer nucleoside reverse transcriptase inhibitor drugs. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 295-312	4.4	1
119	Effects of streptozotocin-induced long-term diabetes on parietal cell function and morphology in rats. <i>Molecular and Cellular Biochemistry</i> , 2010 , 341, 43-50	4.2	9
118	Effect of diabetes mellitus on acinar morphology, peroxidase concentration, and release in isolated rat lacrimal glands. <i>Current Eye Research</i> , 2009 , 34, 905-11	2.9	7
117	Pattern of distribution of IGF-1 and EGF in pancreatic islets of type 2 diabetic patients. <i>Islets</i> , 2009 , 1, 102-5	2	6
116	Altered gene expression may underlie prolonged duration of the QT interval and ventricular action potential in streptozotocin-induced diabetic rat heart. <i>Molecular and Cellular Biochemistry</i> , 2009 , 328, 57-65	4.2	18

115	Heart Rate and QT Interval in Streptozotocin-induced Diabetic Rat 2009 , 2, 108-118		2
114	Long-term effects of type 2 diabetes mellitus on heart rhythm in the Goto-Kakizaki rat. <i>Experimental Physiology</i> , 2008 , 93, 362-9	2.4	27
113	Visfatin: structure, function and relation to diabetes mellitus and other dysfunctions. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1851-62	4.3	99
112	Chronic experimental diabetes accelerates urinary elimination of deprenyl and its metabolites. <i>Open Medicinal Chemistry Journal</i> , 2008 , 2, 1-5	1.2	1
111	Distribution of neuroendocrine cells in the small and large intestines of the one-humped camel (<i>Camelus dromedarius</i>). <i>Neuropeptides</i> , 2007 , 41, 293-9	3.3	12
110	Effects of insulin treatment on heart rhythm, body temperature and physical activity in streptozotocin-induced diabetic rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006 , 33, 327-31	3	28
109	The effect of a fat-enriched diet on the pattern of distribution of pancreatic islet cells in the C57BL/6J mice. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 361-70	6.5	8
108	The protective effect of <i>Tribulus terrestris</i> in diabetes. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 391-401	6.5	46
107	Contraction and cation contents of skeletal soleus and EDL muscles in age-matched control and diabetic rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 442-51	6.5	9
106	Effects of streptozotocin-induced type 1 diabetes mellitus on total protein concentrations and cation contents in the isolated pancreas, parotid, submandibular, and lacrimal glands of rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 503-19	6.5	20
105	Alterations in atrial natriuretic peptide and its receptor levels in long-term, streptozotocin-induced, diabetes in rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 223-34	6.5	5
104	Effect of streptozotocin-induced type 1 diabetes mellitus on contraction, calcium transient, and cation contents in the isolated rat heart. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 178-90	6.5	17
103	An update on the etiology and epidemiology of diabetes mellitus. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 1-29	6.5	221
102	Pattern of distribution of calcitonin gene-related Peptide in the dorsal root ganglion of animal models of diabetes mellitus. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 296-303	6.5	14
101	Effect of vitamin C on liver and kidney functions in normal and diabetic rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 371-90	6.5	15
100	Vitamin E decreases the hyperglucagonemia of diabetic rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 432-41	6.5	15
99	Vitamin E ameliorates some biochemical parameters in normal and diabetic rats. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 411-31	6.5	16
98	Effect of high-calorie diet on the prevalence of diabetes mellitus in the one-humped camel (<i>Camelus dromedarius</i>). <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 402-10	6.5	4

97	Mechanism of exocrine pancreatic insufficiency in streptozotocin-induced type 1 diabetes mellitus. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 71-88	6.5	30
96	Distribution of atrial natriuretic peptide and its effects on contraction and intracellular calcium in ventricular myocytes from streptozotocin-induced diabetic rat. <i>Peptides</i> , 2005 , 26, 691-700	3.8	15
95	Immunohistochemical localization of orexin-B, orexin-1 receptor, ghrelin, GHS-R in the lacrimal gland of normal and diabetic rats. <i>Peptides</i> , 2005 , 26, 2585-9	3.8	7
94	Short-term effects of streptozotocin-induced diabetes on the electrocardiogram, physical activity and body temperature in rats. <i>Experimental Physiology</i> , 2005 , 90, 237-45	2.4	38
93	Long-term effects of streptozotocin-induced diabetes on the electrocardiogram, physical activity and body temperature in rats. <i>Experimental Physiology</i> , 2005 , 90, 827-35	2.4	67
92	The progressive effects of a fat enriched diet on ventricular myocyte contraction and intracellular Ca ²⁺ in the C57BL/6J mouse. <i>Molecular and Cellular Biochemistry</i> , 2005 , 273, 87-95	4.2	9
91	Subchronic exposure to high-dose ACE-inhibitor moexipril induces catalase activity in rat liver. <i>Molecular and Cellular Biochemistry</i> , 2005 , 280, 159-63	4.2	2
90	Immunolocalization of orexin-1 receptor the pancreas of normal and diabetic rats. <i>Biogenic Amines</i> , 2005 , 19, 347-379		4
89	Alterations in atrial natriuretic peptide and its receptors in streptozotocin-induced diabetic rat kidneys. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 3-8	4.2	9
88	Beneficial effect of vitamin E on the metabolic parameters of diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 35-42	4.2	19
87	Beneficial effects and mechanism of action of Momordica charantia juice in the treatment of streptozotocin-induced diabetes mellitus in rat. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 63-70	4.2	94
86	Momordica charantia fruit juice stimulates glucose and amino acid uptakes in L6 myotubes. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 99-104	4.2	58
85	Biochemical effects of Citrullus colocynthis in normal and diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 143-9	4.2	45
84	Streptozotocin-induced type 1 diabetes mellitus alters the morphology, secretory function and acyl lipid contents in the isolated rat parotid salivary gland. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 175-81	4.2	29
83	Molecular and cellular basis of the aetiology and management of diabetic cardiomyopathy: a short review. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 187-91	4.2	125
82	Effects of ageing on morphology, amylase release, cytosolic Ca ²⁺ signals and acyl lipids in isolated rat parotid gland tissue. <i>Molecular and Cellular Biochemistry</i> , 2004 , 266, 199-208	4.2	8
81	An update on the biology and physiology of resistin. <i>Cellular and Molecular Life Sciences</i> , 2004 , 61, 2485-96.3		81
80	The effect of diabetes mellitus on the morphology and physiology of monoamine oxidase in the pancreas. <i>NeuroToxicology</i> , 2004 , 25, 167-73	4.4	15

79	Diabetes mellitus influences the degree of colocalization of calcitonin gene-related peptide with insulin and somatostatin in the rat pancreas. <i>Pancreas</i> , 2004 , 29, 311-9	2.6	14
78	Mechanism of ipamorelin-evoked insulin release from the pancreas of normal and diabetic rats. <i>Neuroendocrinology Letters</i> , 2004 , 25, 403-6	0.3	
77	Distribution of insulin like growth factor-1 (IGF-1) and its receptor in the intestines of the one-humped camel (<i>Camelus dromedarius</i>). <i>Growth Factors</i> , 2003 , 21, 131-7	1.6	2
76	Effects of age on morphology, protein synthesis and secretagogue-evoked secretory responses in the rat lacrimal gland. <i>Molecular and Cellular Biochemistry</i> , 2003 , 248, 7-16	4.2	22
75	The effect of precultured subcutaneous pancreatic tissue transplants on body weight, blood glucose, and plasma insulin levels in diabetic rats. <i>Transplantation Proceedings</i> , 2003 , 35, 493-5	1.1	
74	Increase in neuronal nitric oxide synthase content of the gastroduodenal tract of diabetic rats. <i>Cellular and Molecular Life Sciences</i> , 2003 , 60, 1172-9	10.3	37
73	Ghrelin stimulates insulin secretion from the pancreas of normal and diabetic rats. <i>Journal of Neuroendocrinology</i> , 2002 , 14, 555-60	3.8	116
72	Effect of sodium nitroprusside and 8-bromo cyclic GMP on nerve-mediated and acetylcholine-evoked secretory responses in the rat pancreas. <i>British Journal of Pharmacology</i> , 2002 , 136, 49-56	8.6	7
71	Effect of adrenergic and cholinergic neurotransmitters on insulin secretion from the pancreas of normal and diabetic rats. <i>Biogenic Amines</i> , 2002 , 17, 61-69		1
70	GABA in the endocrine pancreas: cellular localization and function in normal and diabetic rats. <i>Tissue and Cell</i> , 2002 , 34, 1-6	2.7	171
69	Pancreatic tissue grafts are reinnervated by neuro-peptidergic and cholinergic nerves within five days of transplantation. <i>Transplant Immunology</i> , 2002 , 10, 73-80	1.7	14
68	Cytokine expression by attenuated intracellular bacteria regulates the immune response to infection: the Salmonella model. <i>Molecular Immunology</i> , 2002 , 38, 931-40	4.3	26
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