

Ernest A Adeghate

List of Publications by Citations

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222
papers

4,118
citations

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53
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239
ext. papers

4,856
ext. citations

3.6
avg, IF

5.73
L-index

#	Paper	IF	Citations
222	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
221	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
220	Effects of Momordica charantia fruit juice on islet morphology in the pancreas of the streptozotocin-diabetic rat. <i>Diabetes Research and Clinical Practice</i> , 1998 , 40, 145-51	7.4	142
219	Chronic Complications of Diabetes Mellitus: A Mini Review. <i>Current Diabetes Reviews</i> , 2017 , 13, 3-10	2.7	135
218	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
217	Ghrelin stimulates insulin secretion from the pancreas of normal and diabetic rats. <i>Journal of Neuroendocrinology</i> , 2002 , 14, 555-60	3.8	116
216	Visfatin: structure, function and relation to diabetes mellitus and other dysfunctions. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1851-62	4.3	99
215	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
214	An update on the biology and physiology of resistin. <i>Cellular and Molecular Life Sciences</i> , 2004 , 61, 2485-96.3	96.3	81
213	The effect of camel urine on islet morphology and CCL4-induced liver cirrhosis in rat. <i>BMC Proceedings</i> , 2012 , 6,	2.3	78
212	Development of Striatal Tissue Implanted Into the Anterior Eye Chamber of Rats. <i>Journal of Neural Transplantation & Plasticity</i> , 1992 , 3, 183-184		78
211	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
210	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
209	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
208	Structural changes in the myocardium during diabetes-induced cardiomyopathy. <i>Heart Failure Reviews</i> , 2014 , 19, 15-23	5	57
207	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
206	The protective effect of Tribulus terrestris in diabetes. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1084, 391-401	6.5	46

205	Biochemical effects of Citrullus colocynthis in normal and diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2004 , 261, 143-9	4.2	45
204	Left ventricle structural remodelling in the prediabetic Goto-Kakizaki rat. <i>Experimental Physiology</i> , 2011 , 96, 875-88	2.4	43
203	Age-related changes in morphology and secretory responses of male rat lacrimal gland. <i>Journal of the Autonomic Nervous System</i> , 1998 , 69, 173-83		41
202	Evidence to suggest morphological and physiological alterations of lacrimal gland acini with ageing. <i>Experimental Eye Research</i> , 1999 , 68, 265-76	3.7	41
201	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
200	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
199	β-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
198	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
197	Medicinal Chemistry and Actions of Dual and Pan PPAR Modulators. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 93-8	1.2	36
196	Distribution of vasoactive intestinal polypeptide, neuropeptide-Y and substance P and their effects on insulin secretion from the in vitro pancreas of normal and diabetic rats. <i>Peptides</i> , 2001 , 22, 99-107	3.8	36
195	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
194	Large reduction in the number of galanin-immunoreactive cells in pancreatic islets of diabetic rats. <i>Journal of Neuroendocrinology</i> , 2001 , 13, 706-10	3.8	34
193	β-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
192	Genipin attenuates cisplatin-induced nephrotoxicity by counteracting oxidative stress, inflammation, and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 93, 1083-1097	7.5	32
191	Mini review on blood-brain barrier penetration of pyridinium aldoximes. <i>Journal of Applied Toxicology</i> , 2015 , 35, 116-23	4.1	31
190	Co-existence of leukoderma with features of Dowling-Degos disease: reticulate acropigmentation of Kitamura spectrum in five unrelated patients. <i>Dermatology</i> , 1997 , 195, 337-43	4.4	31
189	Mechanism of the beneficial and protective effects of exenatide in diabetic rats. <i>Journal of Endocrinology</i> , 2014 , 220, 291-304	4.7	30
188	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

187	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
186	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
185	Morphological findings in long-term pancreatic tissue transplants in the anterior eye chamber of rats. <i>Pancreas</i> , 1990 , 5, 298-305	2.6	29
184	Distribution of neuropeptide Y and vasoactive intestinal polypeptide immunoreactive nerves in normal and transplanted pancreatic tissue. <i>Peptides</i> , 1990 , 11, 1087-92	3.8	29
183	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
182	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
181	Distribution of calcitonin-gene-related peptide, neuropeptide-Y, vasoactive intestinal polypeptide, cholecystokinin-8, substance P and islet peptides in the pancreas of normal and diabetic rats. <i>Neuropeptides</i> , 1999 , 33, 227-35	3.3	27
180	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
179	Hyperglycemia-induced cardiac contractile dysfunction in the diabetic heart. <i>Heart Failure Reviews</i> , 2018 , 23, 37-54	5	27
178	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
177	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
176	Alzheimer disease and diabetes mellitus: do they have anything in common?. <i>Current Alzheimer Research</i> , 2013 , 10, 609-17	3	26
175	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
174	Mal de Meleda: a report of four cases from the United Arab Emirates. <i>Pediatric Dermatology</i> , 1997 , 14, 186-91	1.9	25
173	Effect of subcutaneous pancreatic tissue transplants on streptozotocin-induced diabetes in rats. II. Endocrine and metabolic functions. <i>Tissue and Cell</i> , 1999 , 31, 73-83	2.7	25
172	Novel biological therapies for the treatment of diabetic foot ulcers. <i>Expert Opinion on Biological Therapy</i> , 2017 , 17, 979-987	5.4	24
171	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
170	Nitric oxide and neuronal and pancreatic beta cell death. <i>Toxicology</i> , 2000 , 153, 143-56	4.4	23

169	Early pulmonary events of nose-only water pipe (shisha) smoking exposure in mice. <i>Physiological Reports</i> , 2015 , 3, e12258	2.6	22
168	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
167	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
166	Immunohistochemical identification and effects of atrial natriuretic peptide, pancreastatin, leucine-enkephalin, and galanin in the porcine pancreas. <i>Peptides</i> , 1996 , 17, 503-9	3.8	21
165	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
164	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
163	Medicinal chemistry of drugs used in diabetic cardiomyopathy. <i>Current Medicinal Chemistry</i> , 2010 , 17, 517-51	4.3	20
162	The slow wave does not propagate across the gastroduodenal junction in the isolated feline preparation. <i>Neurogastroenterology and Motility</i> , 1998 , 10, 339-49	4	20
161	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
160	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
159	Bisabolol protects against β 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
158	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
157	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
156	Interactions of islet hormones with acetylcholine in the isolated rat pancreas. <i>Peptides</i> , 1997 , 18, 1415-23	3.8	18
155	Host-graft circulation and vascular morphology in pancreatic tissue transplants in rats. <i>The Anatomical Record</i> , 1998 , 251, 448-59		18
154	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
153	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
152	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

151	Mechanisms of COVID-19-induced heart failure: a short review. <i>Heart Failure Reviews</i> , 2021 , 26, 363-369	5	17
150	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
149	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
148	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
147	L-arginine stimulates insulin secretion from the pancreas of normal and diabetic rats. <i>Amino Acids</i> , 2001 , 21, 205-9	3.5	16
146	Diabetes mellitus is associated with a decrease in vasoactive intestinal polypeptide content of gastrointestinal tract of rat. <i>Archives of Physiology and Biochemistry</i> , 2001 , 109, 246-51	2.2	16
145	Immunohistochemical identification of galanin and leucin-enkephalin in the porcine lacrimal gland. <i>Neuropeptides</i> , 1994 , 27, 285-9	3.3	16
144	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
143	Immunohistochemical identification of pancreatic hormones, neuropeptides and cytoskeletal proteins in pancreas of the camel (<i>Camelus dromedarius</i>). <i>Journal of Morphology</i> , 1997 , 231, 185-93	1.6	15
142	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
141	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
140	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
139	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
138	Distribution of NPY and SP and their effects on glucagon secretion from the in vitro normal and diabetic pancreatic tissues. <i>Peptides</i> , 2000 , 21, 1503-9	3.8	15
137	Interaction of islet hormones with cholecystokinin octapeptide-evoked secretory responses in the isolated pancreas of normal and diabetic rats. <i>Experimental Physiology</i> , 1999 , 84, 299-318	2.4	15
136	Diabetes mellitus is associated with an increased expression of resistin in human pancreatic islet cells. <i>Islets</i> , 2011 , 3, 246-9	2	14
135	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
134	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

133	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
132	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
131	Chronic effects of streptozotocin-induced diabetes on the ultrastructure of rat ventricular and papillary muscle. <i>Acta Diabetologica</i> , 2000 , 37, 119-24	3.9	14
130	Dopamine-beta-hydroxylase-positive nerves in normal and transplanted pancreatic tissue in the anterior eye-chamber of rats. <i>Journal of Chemical Neuroanatomy</i> , 1991 , 4, 223-7	3.2	14
129	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
128	Distribution of serotonin and its effect on insulin and glucagon secretion in normal and diabetic pancreatic tissues in rat. <i>Neuroendocrinology Letters</i> , 1999 , 20, 315-322	0.3	14
127	Distribution of neurotransmitters and their effects on glucagon secretion from the in vitro normal and diabetic pancreatic tissues. <i>Tissue and Cell</i> , 2000 , 32, 266-74	2.7	13
126	Antagonism of Histamine H3 receptors Alleviates Pentylentetrazole-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
125	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
124	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
123	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
122	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
121	Effect of electrical field stimulation on insulin and glucagon secretion from the pancreas of normal and diabetic rats. <i>Hormone and Metabolic Research</i> , 2001 , 33, 281-9	3.1	11
120	Streptozotocin-Induced diabetes mellitus is associated with increased pancreatic tissue levels of noradrenaline and adrenaline in the rat. <i>Pancreas</i> , 2001 , 22, 311-6	2.6	11
119	Pattern of distribution of neuropeptides in the camel lacrimal gland. <i>Neuropeptides</i> , 1996 , 30, 566-71	3.3	11
118	Nootkatone attenuates myocardial oxidative damage, inflammation, and apoptosis in isoproterenol-induced myocardial infarction in rats. <i>Phytomedicine</i> , 2021 , 84, 153405	6.5	11
117	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
116	Exogenous Ghrelin Increases Plasma Insulin Level in Diabetic Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	10

115	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
114	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
113	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
112	Innervation of the pancreas of the one-humped camel (<i>Camelus dromedarius</i>) by neuropeptide-Y, galanin, calcitonin-gene-related-peptide, atrial natriuretic peptide and cholecystokinin. <i>Neuropeptides</i> , 1996 , 30, 420-4	3.3	10
111	Morphometric and immunohistochemical study on the endocrine cells of pancreatic transplants. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1991 , 98, 193-9	2.3	10
110	Protein secretion and the identification of neurotransmitters in the isolated pig lacrimal gland. <i>Advances in Experimental Medicine and Biology</i> , 1994 , 350, 57-60	3.6	10
109	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
108	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
107	Control of porcine lacrimal gland secretion by non-cholinergic, non-adrenergic nerves: effects of electrical field stimulation, VIP and NPY. <i>Brain Research</i> , 1997 , 758, 127-35	3.7	9
106	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
105	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
104	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
103	Effect of subcutaneous pancreatic tissue transplants on streptozotocin-induced diabetes in rats. I. Morphological studies on normal, diabetic and transplanted pancreatic tissues. <i>Tissue and Cell</i> , 1999 , 31, 66-72	2.7	9
102	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
101	Lipocalin-2: Structure, function, distribution and role in metabolic disorders. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112002	7.5	9
100	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
99	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
98	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

97	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
96	Metabolism of selegiline [(-)-deprenyl)]. <i>Current Medicinal Chemistry</i> , 2014 , 21, 1522-30	4.3	8
95	Deciphering intracellular localization and physiological role of nociceptin and nocistatin. <i>Peptides</i> , 2013 , 43, 174-83	3.8	7
94	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
93	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
92	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
91	The role of leucine-enkephalin on insulin and glucagon secretion from pancreatic tissue fragments of normal and diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2001 , 109, 223-9	2.2	7
90	Distribution of acetylcholinesterase--and monoamine oxidase--positive neurons in pancreatic tissue transplant. <i>Acta Histochemica</i> , 1990 , 89, 183-6	2	7
89	Medicinal chemistry of drugs with active metabolites following conjugation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1550-63	3.2	7
88	Biocompatibility of calcined mesoporous silica particles with ventricular myocyte structure and function. <i>Chemical Research in Toxicology</i> , 2013 , 26, 26-36	4	6
87	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
86	Effect of alpha-tocopherol supplementation on the ultrastructural abnormalities of peripheral nerves in experimental diabetes. <i>Journal of the Peripheral Nervous System</i> , 2001 , 6, 33-9	4.7	6
85	Transplantation of tissue grafts into the anterior eye chamber: a method to study intrinsic neurons. <i>Brain Research Protocols</i> , 2000 , 6, 33-9		6
84	Involvement of cellular calcium in exocrine pancreatic insufficiency during streptozotocin-induced diabetes mellitus. <i>Archives of Physiology and Biochemistry</i> , 2001 , 109, 252-9	2.2	6
83	Effects of islet hormones on nerve-mediated and acetylcholine-evoked secretory responses in the isolated pancreas of normal and diabetic rats. <i>International Journal of Molecular Medicine</i> , 1998 , 1, 627-34	4.4	6
82	Medicinal chemistry of novel anti-diabetic drugs. <i>Open Medicinal Chemistry Journal</i> , 2011 , 5, 68-9	1.2	6
81	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
80	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

79	Immunohistochemistry and protein secretion in the rat lacrimal gland: a morphophysiological study. <i>Advances in Experimental Medicine and Biology</i> , 1994 , 350, 25-30	3.6	6
78	Mechanism of ghrelin-evoked glucagon secretion from the pancreas of diabetic rats. <i>Neuroendocrinology Letters</i> , 2002 , 23, 432-6	0.3	6
77	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
76	Distribution of nociceptin in pancreatic islet cells of normal and diabetic rats. <i>Pancreas</i> , 2015 , 44, 602-7	2.6	5
75	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
74	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
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72	Ultrastructural cytochemistry of acetylcholinesterase enzyme activity in pancreatic tissue transplants in rats. <i>Cell Transplantation</i> , 1994 , 3, 171-7	4	5
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