# Vera M Bondareva

List of Publications by Year
in descending order



| 32 | 448 | 840776 11 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 35 | 35 | 35 | 296 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The effect of metformin treatment on the basal and gonadotropinâ€stimulated steroidogenesis in male rats with type 2 diabetes mellitus. Andrologia, 2020, 52, e13816. | 2.1 | 20 |
| 2 | Functional state of hypothalamic signaling systems in rats with type 2 diabetes mellitus treated with intranasal insulin. Journal of Evolutionary Biochemistry and Physiology, 2016, 52, 204-216. | 0.6 | 10 |
| 3 | Effect of long-term L-thyroxine treatment on the activity of NO-synthases in tissues of rats with obesity induced by high-fat diet. Journal of Evolutionary Biochemistry and Physiology, 2015, 51, 485-494. | 0.6 | 2 |
| 4 | Alterations in adenylyl cyclase sensitivity to hormones in the brain, myocardium, and testes of rats immunized with BSA-conjugated peptide 269â€“280 of type 3 melanocortin receptor. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2015, 9, 124-134. | 0.6 | 2 |
| 5 | The Effect of Long-Term Intranasal Serotonin Treatment on Metabolic Parameters and Hormonal Signaling in Rats with High-Fat Diet/Low-Dose Streptozotocin-Induced Type 2 Diabetes. International Journal of Endocrinology, 2015, 2015, 1-17. | 1.5 | 54 |
| 6 | The influence of bromocryptine treatment on activity of the adenylyl cyclase system in the brain of rats with type 2 diabetes mellitus induced by high-fat diet. Doklady Biochemistry and Biophysics, 2014, 459, 186-189. | 0.9 | 4 |
| 7 | Effect of intranasal insulin and serotonin on functional activity of the adenylyl cyclase system in myocardium, ovary, and uterus of rats with prolonged neonatal model of diabetes mellitus. Journal of Evolutionary Biochemistry and Physiology, 2013, 49, 153-164. | 0.6 | 9 |
| 8 | Alteration of hormonal sensitivity of adenylyl cyclase in the brain of rats with prolonged streptozotocin diabetes. Doklady Biochemistry and Biophysics, 2012, 446, 217-219. | 0.9 | 3 |
| 9 | Intranasal insulin affects adenyl cyclase system in rat tissues in neonatal diabetes. Open Life Sciences, 2012, 7, 33-47. | 1.4 | 26 |
| 10 | Initial Stages of the Insulin Signaling System in the Brain of Rats with Experimental Diabetes Mellitus. Bulletin of Experimental Biology and Medicine, 2012, 153, 25-28. | 0.8 | 1 |
| 11 | Functional state of adenylyl cyclase signaling system in rat testis and ovary under conditions of fasting. Journal of Evolutionary Biochemistry and Physiology, 2011, 47, 43-52. | 0.6 | 0 |
| 12 | Intranasal administration of insulin eliminates the deficit of long-term spatial memory in rats with neonatal diabetes mellitus. Doklady Biochemistry and Biophysics, 2011, 440, 216-218. | 0.9 | 9 |
| 13 | Disturbance of regulation of NO synthase activity by peptides of insulin family in rat skeletal muscles in streptozotocin model of neonatal type 2 diabetes mellitus. Doklady Biochemistry and Biophysics, 2010, 432, 123-125. | 0.9 | 3 |
| 14 | Changes in Hormone Sensitivity of the Adenylate Cyclase Signaling System in the Testicular Tissue of Rats with Neonatal Streptozotocin-Induced Diabetes. Bulletin of Experimental Biology and Medicine, 2009, 148, 394-398. | 0.8 | 6 |
| 15 | Streptozotocin model of diabetes mellitus in the mollusc Anodonta cygnea: functional state of the adenylyl cyclase mechanisms of action of insulin superfamily peptides and their effect on carbohydrate metabolism enzymes. Journal of Evolutionary Biochemistry and Physiology, 2007, 43, 548-556. | 0.6 | 1 |
| 16 | Insulin and insulin-receptor signaling in the brain. Neurochemical Journal, 2007, 1, 176-187. | 0.5 | 8 |
| 17 | Functional coupling of hormone receptors with G proteins in the adenylate cyclase system of the rat muscle tissues and brain under conditions of short-term hyperglycemia. Bulletin of Experimental Biology and Medicine, 2007, 144, 684-688. | 0.8 | 4 |
| 18 | Functional defects in adenylyl cyclase signaling mechanisms of insulin and relaxin in skeletal muscles of rat with streptozotocin type 1 diabetes. Open Life Sciences, 2006, 1, 530-544. | 1.4 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Decrease in functional activity of G-proteins hormone-sensitive adenylate cyclase signaling system, during experimental type II diabetes mellitus. Bulletin of Experimental Biology and Medicine, 2006, 142, 685-689. | 0.8 | 10 |
| 20 | Sensitivity of Adenylyl Cyclase Signaling System of the MolluskAnodonta cygneaGanglions to Serotonin and Adrenergic Agonists. Annals of the New York Academy of Sciences, 2005, 1040, 466-468. | 3.8 | 11 |
| 21 | Insulin-Regulated Adenylyl Cyclase Signaling System in Rat Skeletal Muscles under Conditions of in vivo Insulin Administration and of Insulin Insufficiency Produced by Streptozotocin Diabetes. Journal of Evolutionary Biochemistry and Physiology, 2004, 40, 420-431. | 0.6 | 0 |
| 22 | Insulin-Like Peptides of the Cerebropleural Ganglion of the Mollusc Anodonta cygnea: Isolation, Purification, and Radioligand Analysis. Journal of Evolutionary Biochemistry and Physiology, 2003, 39, 425-432. | 0.6 | 4 |
| 23 | Comparative study of biological activity of insulins of lower vertebrates in the novel adenylyl cyclase test-system. Regulatory Peptides, 2003, 116, 81-86. | 1.9 | 3 |
| 24 | Neuropeptide regulation of feeding in catfish, Ictalurus punctatus: a role for glucagon-like peptide-1 (GLP-1)?. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 129, 623-631. | 1.6 | 51 |
| 25 | Title is missing!. Fish Physiology and Biochemistry, 2001, 25, 73-82. | 2.3 | 4 |
| 26 | Primary Structure of Insulin of the Black Sea Rockfish Scorpaena porcus. Journal of Evolutionary Biochemistry and Physiology, 2000, 36, 728-733. | 0.6 | 1 |
| 27 | Insulin-family peptideâ€“receptor interaction at the early stage of vertebrate evolution. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 121, 57-63. | 1.6 | 16 |
| 28 | Characterization of Insulin, Glucagon, and Somatostatin from the River Lamprey, Lampetra fluviatilis. General and Comparative Endocrinology, 1995, 100, 96-105. | 1.8 | 60 |
| 29 | Tachykinins with unusual structural features from a urodele, the amphiuma, an elasmobranch, the hammerhead shark, and an agnathan, the river lamprey. Peptides, 1995, 16, 615-621. | 2.4 | 34 |
| 30 | Does Salmon Brain Produce Insulin?. General and Comparative Endocrinology, 1993, 91, 74-80. | 1.8 | 31 |
| 31 | Isolaton, primary structure, and biological and immunological properties of pink and chum salmon insulins. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1990, 95, 477-482. | 0.2 | 5 |
| 32 | Studies of copper-modified Vâ‚‚Mo oxide catalyst for acrolein oxidation to acrylic acid. Reaction Kinetics and Catalysis Letters, 1984, 26, 399-403. | 0.6 | 15 |