

Sergueï O Fetissov

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

4,917
citations

87888

38
h-index

102487

66
g-index

117
all docs

117
docs citations

117
times ranked

4962
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Hypothalamic dopamine and serotonin in the regulation of food intake. <i>Nutrition</i> , 2000, 16, 843-857. | 2.4 | 373 |
| 2 | Role of the gut microbiota in host appetite control: bacterial growth to animal feeding behaviour. <i>Nature Reviews Endocrinology</i> , 2017, 13, 11-25. | 9.6 | 273 |
| 3 | Gut Commensal E.Âcoli Proteins Activate Host Satiety Pathways following Nutrient-Induced Bacterial Growth. <i>Cell Metabolism</i> , 2016, 23, 324-334. | 16.2 | 236 |
| 4 | Important role of hypothalamic Y2 receptors in body weight regulation revealed in conditional knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8938-8943. | 7.1 | 229 |
| 5 | Autoantibodies against appetite-regulating peptide hormones and neuropeptides: Putative modulation by gut microflora. <i>Nutrition</i> , 2008, 24, 348-359. | 2.4 | 154 |
| 6 | Bacterial ClpB heat-shock protein, an antigen-mimetic of the anorexigenic peptide Î±-MSH, at the origin of eating disorders. <i>Translational Psychiatry</i> , 2014, 4, e458-e458. | 4.8 | 151 |
| 7 | Autoantibodies against neuropeptides are associated with psychological traits in eating disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14865-14870. | 7.1 | 144 |
| 8 | New Insights in Anorexia Nervosa. <i>Frontiers in Neuroscience</i> , 2016, 10, 256. | 2.8 | 144 |
| 9 | Autoantibodies against Â-MSH, ACTH, and LHRH in anorexia and bulimia nervosa patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17155-17160. | 7.1 | 128 |
| 10 | Characterization of neuropeptide Y2 receptor protein expression in the mouse brain. I. Distribution in cell bodies and nerve terminals. <i>Journal of Comparative Neurology</i> , 2006, 499, 357-390. | 1.6 | 115 |
| 11 | Nicotine's effect on hypothalamic neurotransmitters and appetite regulation. <i>Surgery</i> , 1999, 126, 255-263. | 1.9 | 99 |
| 12 | Expression of dopaminergic receptors in the hypothalamus of lean and obese Zucker rats and food intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R905-R910. | 1.8 | 99 |
| 13 | Pituitary autoantibodies in autoimmune polyendocrine syndrome type 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 949-954. | 7.1 | 89 |
| 14 | Distribution of NPY receptors in the hypothalamus. <i>Neuropeptides</i> , 2004, 38, 175-188. | 2.2 | 88 |
| 15 | Alteration of intestinal barrier function during activity-based anorexia in mice. <i>Clinical Nutrition</i> , 2014, 33, 1046-1053. | 5.0 | 88 |
| 16 | Neuropeptide expression in rats exposed to chronic mild stresses. <i>Psychopharmacology</i> , 2005, 178, 115-124. | 3.1 | 87 |
| 17 | Anti-ghrelin immunoglobulins modulate ghrelin stability and its orexigenic effect in obese mice and humans. <i>Nature Communications</i> , 2013, 4, 2685. | 12.8 | 87 |
| 18 | Elevated plasma concentrations of bacterial ClpB protein in patients with eating disorders. <i>International Journal of Eating Disorders</i> , 2016, 49, 805-808. | 4.0 | 86 |

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|----|---|-----|-----------|
| 19 | Maturation of the hypothalamic arcuate agouti-related protein system during postnatal development in the mouse. <i>Developmental Brain Research</i> , 2005, 155, 147-154. | 1.7 | 70 |
| 20 | Aggressive Behavior Linked to Corticotropin-Reactive Autoantibodies. <i>Biological Psychiatry</i> , 2006, 60, 799-802. | 1.3 | 65 |
| 21 | Characterization of neuropeptide Y Y2 and Y5 receptor expression in the mouse hypothalamus. <i>Journal of Comparative Neurology</i> , 2004, 470, 256-265. | 1.6 | 64 |
| 22 | NPY and its involvement in axon guidance, neurogenesis, and feeding. <i>Nutrition</i> , 2008, 24, 860-868. | 2.4 | 62 |
| 23 | The new link between gut-brain axis and neuropsychiatric disorders. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 477-482. | 2.5 | 62 |
| 24 | Altered Hippocampal Expression of Neuropeptides in Seizure-prone GALR1 Knockout Mice. <i>Epilepsia</i> , 2003, 44, 1022-1033. | 5.1 | 61 |
| 25 | Effects of prenatal exposure to methylmercury on dopamine-mediated locomotor activity and dopamine D2 receptor binding. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 500-508. | 3.0 | 60 |
| 26 | Synchronized release of dopamine and serotonin in the medial and lateral hypothalamus of rats. <i>Neuroscience</i> , 2000, 101, 657-663. | 2.3 | 58 |
| 27 | Emerging role of autoantibodies against appetite-regulating neuropeptides in eating disorders. <i>Nutrition</i> , 2008, 24, 854-859. | 2.4 | 58 |
| 28 | Nicotine alters the usual reciprocity between meal size and meal number in female rat. <i>Physiology and Behavior</i> , 2001, 74, 169-176. | 2.1 | 57 |
| 29 | Commensal <i>Hafnia alvei</i> strain reduces food intake and fat mass in obese mice—a new potential probiotic for appetite and body weight management. <i>International Journal of Obesity</i> , 2020, 44, 1041-1051. | 3.4 | 55 |
| 30 | Dopamine and serotonin VMN release is related to feeding status in obese and lean Zucker rats. <i>NeuroReport</i> , 2000, 11, 2069-2072. | 1.2 | 54 |
| 31 | Regulation of feeding and anxiety by \pm -MSH reactive autoantibodies. <i>Psychoneuroendocrinology</i> , 2009, 34, 140-149. | 2.7 | 53 |
| 32 | Chrelin reactive autoantibodies in restrictive anorexia nervosa. <i>Nutrition</i> , 2011, 27, 407-413. | 2.4 | 53 |
| 33 | On the origin of eating disorders: altered signaling between gut microbiota, adaptive immunity and the brain melanocortin system regulating feeding behavior. <i>Current Opinion in Pharmacology</i> , 2019, 48, 82-91. | 3.5 | 50 |
| 34 | Hypothalamic dopaminergic receptor expressions in anorexia of tumor-bearing rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1907-R1916. | 1.8 | 46 |
| 35 | Aberrant agouti-related protein system in the hypothalamus of the <i>anx/anx</i> mouse is associated with activation of microglia. <i>Journal of Comparative Neurology</i> , 2008, 507, 1128-1140. | 1.6 | 44 |
| 36 | Alternatively Used Promoters and Distinct Elements Direct Tissue-Specific Expression of Nephritin. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 352-358. | 6.1 | 43 |

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|----|---|-----|-----------|
| 37 | Psychopathological and personality features in primary Sjogren's syndrome--associations with autoantibodies to neuropeptides. <i>Rheumatology</i> , 2010, 49, 1762-1769. | 1.9 | 43 |
| 38 | Mechanisms of Glucose Absorption in the Small Intestine in Health and Metabolic Diseases and Their Role in Appetite Regulation. <i>Nutrients</i> , 2021, 13, 2474. | 4.1 | 41 |
| 39 | Maintaining physical activity during refeeding improves body composition, intestinal hyperpermeability and behavior in anorectic mice. <i>Scientific Reports</i> , 2016, 6, 21887. | 3.3 | 38 |
| 40 | Alterations of arcuate nucleus neuropeptidergic development in contactin-deficient mice: comparison with anorexia and food-deprived mice. <i>European Journal of Neuroscience</i> , 2005, 22, 3217-3228. | 2.6 | 34 |
| 41 | Increased Immune Complexes of Hypocretin Autoantibodies in Narcolepsy. <i>PLoS ONE</i> , 2010, 5, e13320. | 2.5 | 33 |
| 42 | Autoantibodies reacting with vasopressin and oxytocin in relation to cortisol secretion in mild and moderate depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 118-125. | 4.8 | 31 |
| 43 | Sex differences in response to activity-based anorexia model in C57Bl/6 mice. <i>Physiology and Behavior</i> , 2017, 170, 1-5. | 2.1 | 29 |
| 44 | Immunoglobulin G modulation of the melanocortin 4 receptor signaling in obesity and eating disorders. <i>Translational Psychiatry</i> , 2019, 9, 87. | 4.8 | 29 |
| 45 | Expression of hypothalamic neuropeptides after acute TCDD treatment and distribution of Ah receptor repressor. <i>Regulatory Peptides</i> , 2004, 119, 113-124. | 1.9 | 27 |
| 46 | Gastric electrical stimulation increases ghrelin production and inhibits catecholaminergic brainstem neurons in rats. <i>European Journal of Neuroscience</i> , 2011, 33, 276-284. | 2.6 | 27 |
| 47 | Hafnia alvei HA4597 Strain Reduces Food Intake and Body Weight Gain and Improves Body Composition, Glucose, and Lipid Metabolism in a Mouse Model of Hyperphagic Obesity. <i>Microorganisms</i> , 2020, 8, 35. | 3.6 | 25 |
| 48 | Neuropeptide Autoantibodies Assay. <i>Methods in Molecular Biology</i> , 2011, 789, 295-302. | 0.9 | 25 |
| 49 | The putative role of neuropeptide autoantibodies in anorexia nervosa. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 428-434. | 2.5 | 24 |
| 50 | Sex-related effects of nutritional supplementation of Escherichia coli: Relevance to eating disorders. <i>Nutrition</i> , 2015, 31, 498-507. | 2.4 | 24 |
| 51 | Ghrelin treatment prevents development of activity based anorexia in mice. <i>European Neuropsychopharmacology</i> , 2016, 26, 948-958. | 0.7 | 24 |
| 52 | High-fat diet increases ghrelin-expressing cells in stomach, contributing to obesity. <i>Nutrition</i> , 2016, 32, 709-715. | 2.4 | 24 |
| 53 | Neuropeptide Y Targets in the Hypothalamus: Nitric Oxide Synthesizing Neurones Express Y1 Receptor. <i>Journal of Neuroendocrinology</i> , 2003, 15, 754-760. | 2.6 | 23 |
| 54 | Chemotherapy-induced anorexia is accompanied by activation of brain pathways signaling dehydration. <i>Physiology and Behavior</i> , 2010, 101, 639-648. | 2.1 | 23 |

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|----|--|-----|-----------|
| 55 | Effects of rabbit anti- β -melanocyte-stimulating hormone (β -MSH) immunoglobulins on β -MSH signaling related to food intake control. <i>Neuropeptides</i> , 2014, 48, 21-27. | 2.2 | 23 |
| 56 | Dopamine release in the lateral hypothalamus is stimulated by β -MSH in both the anticipatory and consummatory phases of feeding. <i>Psychoneuroendocrinology</i> , 2015, 56, 79-87. | 2.7 | 23 |
| 57 | The Probiotic Strain <i>H. alvei</i> HA4597 [®] Improves Weight Loss in Overweight Subjects under Moderate Hypocaloric Diet: A Proof-of-Concept, Multicenter Randomized, Double-Blind Placebo-Controlled Study. <i>Nutrients</i> , 2021, 13, 1902. | 4.1 | 23 |
| 58 | Approaches to anorexia in rodents: focus on the anx/anx mouse. <i>European Journal of Pharmacology</i> , 2003, 480, 171-176. | 3.5 | 22 |
| 59 | Estrogen induces a rapid increase in galanin levels in female rat hippocampal formation—possibly a nongenomic/indirect effect. <i>European Journal of Neuroscience</i> , 2005, 21, 2089-2099. | 2.6 | 22 |
| 60 | Galanin and β -MSH autoantibodies in cerebrospinal fluid of patients with Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2011, 240-241, 114-120. | 2.3 | 22 |
| 61 | Effects of Macronutrients on the In Vitro Production of ClpB, a Bacterial Mimetic Protein of β -MSH and Its Possible Role in Satiety Signaling. <i>Nutrients</i> , 2019, 11, 2115. | 4.1 | 22 |
| 62 | Intestinal inflammation influences β -MSH reactive autoantibodies: Relevance to food intake and body weight. <i>Psychoneuroendocrinology</i> , 2012, 37, 94-106. | 2.7 | 21 |
| 63 | Bacterial Protein Mimetic of Peptide Hormone as a New Class of Protein- based Drugs. <i>Current Medicinal Chemistry</i> , 2019, 26, 546-553. | 2.4 | 21 |
| 64 | Serotonin delivery into the ventromedial nucleus of the hypothalamus affects differently feeding pattern and body weight in obese and lean Zucker rats. <i>Appetite</i> , 2010, 54, 346-353. | 3.7 | 20 |
| 65 | Chrelin-Reactive Immunoglobulins in Conditions of Altered Appetite and Energy Balance. <i>Frontiers in Endocrinology</i> , 2017, 8, 10. | 3.5 | 20 |
| 66 | Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. <i>Journal of Comparative Neurology</i> , 2009, 513, 1-20. | 1.6 | 18 |
| 67 | Neuropeptides in the microbiota-brain axis and feeding behavior in autism spectrum disorder. <i>Nutrition</i> , 2019, 61, 43-48. | 2.4 | 18 |
| 68 | Role of hypothalamic monoamines in nicotine-induced anorexia in menopausal rats. <i>Surgery</i> , 2001, 130, 133-142. | 1.9 | 17 |
| 69 | The number of preproghrelin mRNA expressing cells is increased in mice with activity-based anorexia. <i>Neuropeptides</i> , 2015, 51, 17-23. | 2.2 | 17 |
| 70 | Genome, Environment, Microbiome and Metabolome in Autism (GEMMA) Study Design: Biomarkers Identification for Precision Treatment and Primary Prevention of Autism Spectrum Disorders by an Integrated Multi-Omics Systems Biology Approach. <i>Brain Sciences</i> , 2020, 10, 743. | 2.3 | 17 |
| 71 | Expression of tyrosine hydroxylase in magnocellular hypothalamic neurons of obese (fa/fa) and lean heterozygous (Fa/fa) Zucker rats. <i>Molecular Brain Research</i> , 1997, 50, 314-318. | 2.3 | 15 |
| 72 | Evidence for hypothalamic dysregulation in mouse models of anorexia as well as in humans. <i>Physiology and Behavior</i> , 2007, 92, 278-282. | 2.1 | 15 |

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|----|--|-----|-----------|
| 73 | Anti-neuropeptide Y plasma immunoglobulins in relation to mood and appetite in depressive disorder. <i>Psychoneuroendocrinology</i> , 2012, 37, 1457-1467. | 2.7 | 15 |
| 74 | Gastric Electrical Stimulation Decreases Gastric Distension-Induced Central Nociception Response through Direct Action on Primary Afferents. <i>PLoS ONE</i> , 2012, 7, e47849. | 2.5 | 15 |
| 75 | VMN dopaminergic graft and feeding pattern in obese Zucker rats. <i>International Journal of Obesity</i> , 2000, 24, 376-381. | 3.4 | 14 |
| 76 | Chronic delivery of α -melanocyte-stimulating hormone in rat hypothalamus using albumin-alginate microparticles: Effects on food intake and body weight. <i>Neuroscience</i> , 2015, 290, 445-453. | 2.3 | 14 |
| 77 | Increased Ghrelin but Low Ghrelin-Reactive Immunoglobulins in a Rat Model of Methotrexate Chemotherapy-Induced Anorexia. <i>Frontiers in Nutrition</i> , 2016, 3, 23. | 3.7 | 14 |
| 78 | Hypophysial and Meningeal Melanocytes in the Zucker Rat. <i>Pigment Cell & Melanoma Research</i> , 1999, 12, 323-330. | 3.6 | 13 |
| 79 | Nicotine infusion into rat ventromedial nuclei and effects on monoaminergic system. <i>NeuroReport</i> , 2004, 15, 2293-2297. | 1.2 | 13 |
| 80 | Neuropeptide Y in the magnocellular hypothalamic neurons of obese Zucker rats. <i>Neuropeptides</i> , 1998, 32, 63-66. | 2.2 | 12 |
| 81 | Corticotropin (ACTH)-reactive immunoglobulins in adolescents in relation to antisocial behavior and stress-induced cortisol response. The TRAILS study. <i>Psychoneuroendocrinology</i> , 2013, 38, 3039-3047. | 2.7 | 12 |
| 82 | Ghrelin-reactive immunoglobulins and anxiety, depression and stress-induced cortisol response in adolescents. The TRAILS study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 1-7. | 4.8 | 12 |
| 83 | Autoantibodies reactive to adrenocorticotrophic hormone can alter cortisol secretion in both aggressive and nonaggressive humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6576-E6584. | 7.1 | 12 |
| 84 | Proteome modifications of gut microbiota in mice with activity-based anorexia and starvation: Role in ATP production. <i>Nutrition</i> , 2019, 67-68, 110557. | 2.4 | 12 |
| 85 | VMN HYPOTHALAMIC DOPAMINE AND SEROTONIN IN ANORECTIC SEPTIC RATS. <i>Shock</i> , 2000, 13, 204-208. | 2.1 | 11 |
| 86 | Directional cues for arcuate NPY projections are present in the adult brain. <i>Experimental Neurology</i> , 2003, 183, 116-123. | 4.1 | 11 |
| 87 | Hypovolemia-induced obesity and diabetes. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1678. | 3.4 | 11 |
| 88 | Affinity kinetics of leptin-reactive immunoglobulins are associated with plasma leptin and markers of obesity and diabetes. <i>Nutrition and Diabetes</i> , 2018, 8, 32. | 3.2 | 11 |
| 89 | Host Starvation and Female Sex Influence Enterobacterial ClpB Production: A Possible Link to the Etiology of Eating Disorders. <i>Microorganisms</i> , 2020, 8, 530. | 3.6 | 11 |
| 90 | Feeding pattern in obese Zucker rats after dopaminergic and serotonergic LHA grafts. <i>NeuroReport</i> , 1999, 10, 1049-1053. | 1.2 | 10 |

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|-----|--|-----|-----------|
| 91 | Altered NPY and AgRP in membrane type-1 matrix metalloproteinase-deficient mice. <i>NeuroReport</i> , 2004, 15, 569-574. | 1.2 | 10 |
| 92 | Conséquences digestives de l'anorexie mentale. <i>Nutrition Clinique Et Metabolisme</i> , 2007, 21, 166-171. | 0.5 | 10 |
| 93 | Update on Ghrelin. <i>International Journal of Peptides</i> , 2010, 2010, 1-4. | 0.7 | 10 |
| 94 | Ghrelin, appetite and gastric electrical stimulation. <i>Peptides</i> , 2011, 32, 2283-2289. | 2.4 | 10 |
| 95 | Dopamine in the VMN of the hypothalamus is important for diurnal distribution of eating in obese male Zucker rats. <i>Nutrition</i> , 2000, 16, 65-66. | 2.4 | 9 |
| 96 | Neurobiology of Aggressive Behavior – Role of Autoantibodies Reactive With Stress-Related Peptide Hormones. <i>Frontiers in Psychiatry</i> , 2019, 10, 872. | 2.6 | 8 |
| 97 | Plasma enterobacterial ClpB levels and ClpB- and \pm -MSH-reactive immunoglobulins in lung cancer patients with and without anorexia. <i>Nutrition</i> , 2020, 78, 110952. | 2.4 | 8 |
| 98 | Synergistic effect of arcuate and raphe nuclei graft to alleviate insulinemia and obesity in Zucker rats. <i>Acta Diabetologica</i> , 2000, 37, 65-70. | 2.5 | 7 |
| 99 | Intra-supraoptic nucleus sulpiride improves anorexia in tumor-bearing rats. <i>NeuroReport</i> , 2001, 12, 2429-2432. | 1.2 | 7 |
| 100 | Combination of immunohistochemical and in situ hybridization methods to reveal tyrosine hydroxylase and oxytocin and vasopressin mRNAs in magnocellular neurons of obese Zucker rats. <i>Brain Research Protocols</i> , 1999, 4, 36-43. | 1.6 | 6 |
| 101 | Expression of microsomal glutathione S-transferase type 3 mRNA in the rat nervous system. <i>Neuroscience</i> , 2002, 115, 891-897. | 2.3 | 6 |
| 102 | What increased consumption of licorice may reveal in anorexia nervosa. <i>Nutrition</i> , 2011, 27, 853-854. | 2.4 | 4 |
| 103 | Increased affinity of ghrelin-reactive immunoglobulins in obese Zucker rats. <i>Nutrition</i> , 2017, 39-40, 98-99. | 2.4 | 4 |
| 104 | Discussion. <i>Nutrition</i> , 1999, 15, 723-724. | 2.4 | 3 |
| 105 | Neuropeptide-like signaling in the microbiota-gut-brain axis. <i>Behavioral and Brain Sciences</i> , 2019, 42, . | 0.7 | 3 |
| 106 | Physiopathologie de l'anorexie liée à l'âge. <i>Nutrition Clinique Et Metabolisme</i> , 2009, 23, 118-123. | 0.5 | 2 |
| 107 | Food intake and meal pattern in response to hyperosmotic-induced dehydration in obese and lean Zucker rats. <i>Nutrition</i> , 2020, 70, 100011. | 2.4 | 2 |
| 108 | The effects of polyunsaturated fatty acid (PUFA) administration on the microbiome-gut-brain axis in adolescents with anorexia nervosa (the MiGBAN study): study protocol for a longitudinal, double-blind, randomized, placebo-controlled trial. <i>Trials</i> , 2022, 23, . | 1.6 | 2 |

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|-----|--|-----|-----------|
| 109 | In search of the missing link in the regulation of appetite and body weight. <i>Nutrition</i> , 2009, 25, 252-254. | 2.4 | 1 |
| 110 | Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. <i>Journal of Comparative Neurology</i> , 2009, 513, spc1-spc1. | 1.6 | 0 |
| 111 | Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. <i>Journal of Comparative Neurology</i> , 2009, 513, spc1-spc1. | 1.6 | 0 |
| 112 | Obesity treatment by hypothalamic transplantation. <i>Nutrition</i> , 2012, 28, 594. | 2.4 | 0 |
| 113 | Few daily meals associated with functional dyspepsia. <i>Nutrition</i> , 2016, 32, 288. | 2.4 | 0 |