

Mayumi Yoshioka

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,106
citations

430874

18
h-index

414414

32
g-index

49
all docs

49
docs citations

49
times ranked

1198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Effects of red pepper on appetite and energy intake. <i>British Journal of Nutrition</i> , 1999, 82, 115-123. | 2.3 | 182 |
| 2 | Broken Energy Homeostasis and Obesity Pathogenesis: The Surrounding Concepts. <i>Journal of Clinical Medicine</i> , 2018, 7, 453. | 2.4 | 67 |
| 3 | Maximum tolerable dose of red pepper decreases fat intake independently of spicy sensation in the mouth. <i>British Journal of Nutrition</i> , 2004, 91, 991-995. | 2.3 | 66 |
| 4 | Regulation of skeletal muscle transcriptome in elderly men after 6 weeks of endurance training at lactate threshold intensity. <i>Experimental Gerontology</i> , 2010, 45, 896-903. | 2.8 | 57 |
| 5 | The top 10 most abundant transcripts are sufficient to characterize the organs functional specificity: evidences from the cortex, hypothalamus and pituitary gland. <i>Gene</i> , 2005, 344, 133-141. | 2.2 | 40 |
| 6 | Serial analysis of gene expression in the skeletal muscle of endurance athletes compared to sedentary men. <i>FASEB Journal</i> , 2003, 17, 1812-1819. | 0.5 | 37 |
| 7 | Identification of the principal transcriptional regulators for low-fat and high-fat meal responsive genes in small intestine. <i>Nutrition and Metabolism</i> , 2017, 14, 66. | 3.0 | 37 |
| 8 | Gender difference of androgen actions on skeletal muscle transcriptome. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 119-133. | 2.5 | 36 |
| 9 | Secreted protein acidic and rich in cysteine and bioenergetics: Extracellular matrix, adipocytes remodeling and skeletal muscle metabolism. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 117, 105627. | 2.8 | 36 |
| 10 | Implication of SPARC in the modulation of the extracellular matrix and mitochondrial function in muscle cells. <i>PLoS ONE</i> , 2018, 13, e0192714. | 2.5 | 33 |
| 11 | Will an obesity pandemic replace the coronavirus disease-2019 (COVID-19) pandemic?. <i>Medical Hypotheses</i> , 2020, 144, 110042. | 1.5 | 29 |
| 12 | Sparg, an EPS-induced gene, modulates the extracellular matrix and mitochondrial function via ILK/AMPK pathways in C2C12 cells. <i>Life Sciences</i> , 2019, 229, 277-287. | 4.3 | 28 |
| 13 | High-fat Meal-induced Changes in the Duodenum Mucosa Transcriptome. <i>Obesity</i> , 2008, 16, 2302-2307. | 3.0 | 26 |
| 14 | Exercise and High-Fat Diet in Obesity: Functional Genomics Perspectives of Two Energy Homeostasis Pillars. <i>Genes</i> , 2020, 11, 875. | 2.4 | 24 |
| 15 | Secreted Protein Acidic and Rich in Cysteine as A Regeneration Factor: Beyond the Tissue Repair. <i>Life</i> , 2021, 11, 38. | 2.4 | 23 |
| 16 | Trefoil factor family member 2 (<i>Tff2</i>) KO mice are protected from high-fat diet-induced obesity. <i>Obesity</i> , 2013, 21, 1389-1395. | 3.0 | 22 |
| 17 | Regeneration during Obesity: An Impaired Homeostasis. <i>Animals</i> , 2020, 10, 2344. | 2.3 | 22 |
| 18 | Differential gene expression analysis in ageing muscle and drug discovery perspectives. <i>Ageing Research Reviews</i> , 2018, 41, 53-63. | 10.9 | 20 |

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|----|--|-----|-----------|
| 19 | Feeding induced changes in the hypothalamic transcriptome. <i>Clinica Chimica Acta</i> , 2009, 406, 103-107. | 1.1 | 19 |
| 20 | Secreted protein acidic and rich in cysteine and inflammation: Another homeostatic property?. <i>Cytokine</i> , 2020, 133, 155179. | 3.2 | 18 |
| 21 | Secreted protein acidic and rich in cysteine and cancer: A homeostatic hormone?. <i>Cytokine</i> , 2020, 127, 154996. | 3.2 | 18 |
| 22 | Secreted Protein Acidic and Rich in Cysteine: Metabolic and Homeostatic Properties beyond the Extracellular Matrix Structure. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2388. | 2.5 | 18 |
| 23 | Ageing and Obesity Shared Patterns: From Molecular Pathogenesis to Epigenetics. <i>Diseases (Basel)</i> , 2021, 11, 17. | 2.5 | 17 |
| 24 | Regulation of hypothalamic gene expression by glucocorticoid: implications for energy homeostasis. <i>Physiological Genomics</i> , 2006, 25, 96-104. | 2.3 | 16 |
| 25 | Energy and metabolic pathways in trefoil factor family member 2 (Tff2) KO mice beyond the protection from high-fat diet-induced obesity. <i>Life Sciences</i> , 2018, 215, 190-197. | 4.3 | 16 |
| 26 | Extracellular matrix/mitochondria pathway: A novel potential target for sarcopenia. <i>Mitochondrion</i> , 2020, 50, 63-70. | 3.4 | 16 |
| 27 | Obesity as a Neuroendocrine Reprogramming. <i>Medicina (Lithuania)</i> , 2021, 57, 66. | 2.0 | 16 |
| 28 | Coronavirus Disease 2019 (COVID-19) Crisis: Losing Our Immunity When We Need It the Most. <i>Biology</i> , 2021, 10, 545. | 2.8 | 16 |
| 29 | Exercise Training of Secreted Protein Acidic and Rich in Cysteine (Sparc) KO Mice Suggests That Exercise-Induced Muscle Phenotype Changes Are SPARC-Dependent. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9108. | 2.5 | 15 |
| 30 | Obese Animals as Models for Numerous Diseases: Advantages and Applications. <i>Medicina (Lithuania)</i> , 2021, 57, 399. | 2.0 | 13 |
| 31 | Secreted Protein Acidic and Rich in Cysteine as a Molecular Physiological and Pathological Biomarker. <i>Biomolecules</i> , 2021, 11, 1689. | 4.0 | 12 |
| 32 | Secreted Protein Acidic and Rich in Cysteine (Sparc) KO Leads to an Accelerated Ageing Phenotype Which Is Improved by Exercise Whereas SPARC Overexpression Mimics Exercise Effects in Mice. <i>Metabolites</i> , 2022, 12, 125. | 2.9 | 11 |
| 33 | Acute Molecular Mechanisms Responsive to Feeding and Meal Constitution in Mesenteric Adipose Tissue. <i>Obesity</i> , 2010, 18, 410-413. | 3.0 | 10 |
| 34 | Functional genomics applications and therapeutic implications in sarcopenia. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 781, 175-185. | 5.5 | 10 |
| 35 | Measuring Exercise-Induced Secreted Protein Acidic and Rich in Cysteine Expression as a Molecular Tool to Optimize Personalized Medicine. <i>Genes</i> , 2021, 12, 1832. | 2.4 | 10 |
| 36 | Impact of Adiposity and Fat Distribution, Rather Than Obesity, on Antibodies as an Illustration of Weight-Loss-Independent Exercise Benefits. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 57. | 1.4 | 9 |

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|----|---|-----|-----------|
| 37 | Trefoil Factor Family Member 2 (TFF2) as an Inflammatory-Induced and Anti-Inflammatory Tissue Repair Factor. <i>Animals</i> , 2020, 10, 1646. | 2.3 | 8 |
| 38 | Exercise, Diet and Sleeping as Regenerative Medicine Adjuvants: Obesity and Ageing as Illustrations. <i>Medicines (Basel, Switzerland)</i> , 2022, 9, 7. | 1.4 | 8 |
| 39 | Secreted Protein Acidic and Rich in Cysteine as an Exercise-Induced Gene: Towards Novel Molecular Therapies for Immobilization-Related Muscle Atrophy in Elderly Patients. <i>Genes</i> , 2022, 13, 1014. | 2.4 | 7 |
| 40 | Trefoil Factor Family Member 2 Expression as an Indicator of the Severity of the High-Fat Diet-Induced Obesity. <i>Genes</i> , 2021, 12, 1505. | 2.4 | 6 |
| 41 | Genetic Expression between Ageing and Exercise: Secreted Protein Acidic and Rich in Cysteine as a Potential "Exercise Substitute" Antiageing Therapy. <i>Genes</i> , 2022, 13, 950. | 2.4 | 6 |
| 42 | High-Fat Diet-Induced Trefoil Factor Family Member 2 (TFF2) to Counteract the Immune-Mediated Damage in Mice. <i>Animals</i> , 2021, 11, 258. | 2.3 | 5 |
| 43 | Trefoil Factor Family Member 2: From a High-Fat-Induced Gene to a Potential Obesity Therapy Target. <i>Metabolites</i> , 2021, 11, 536. | 2.9 | 5 |
| 44 | Post-Coronavirus Disease-2019 (COVID-19): Toward a Severe Multi-Level Health Crisis?. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 68. | 2.9 | 5 |
| 45 | Diet Impact on Obesity beyond Calories and Trefoil Factor Family 2 (TFF2) as an Illustration: Metabolic Implications and Potential Applications. <i>Biomolecules</i> , 2021, 11, 1830. | 4.0 | 5 |
| 46 | Coronavirus Disease 2019 (COVID-19) Crisis Measures: Health Protective Properties?. <i>Medicines (Basel, Switzerland)</i> , 2021, 9, 68. | 1.4 | 4 |
| 47 | Feeding Regulates the Expression of Pancreatic Genes in Gastric Mucosa. <i>Journal of Obesity</i> , 2010, 2010, 1-10. | 2.7 | 2 |