

# M Constantine Samaan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5460284/publications.pdf>

Version: 2024-02-01

64  
papers

747  
citations

567281

15  
h-index

610901

24  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1315  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | High intensity interval training improves liver and adipose tissue insulin sensitivity. <i>Molecular Metabolism</i> , 2015, 4, 903-915.   | 6.5 | 90        |
| 2  | Direct and macrophage-mediated actions of fatty acids causing insulin resistance in muscle cells. <i>Archives of Physiology and Biochemistry</i> , 2009, 115, 176-190.  | 2.1 | 70        |
| 3  | Methadone induces testosterone suppression in patients with opioid addiction. <i>Scientific Reports</i> , 2015, 4, 6189.  | 3.3 | 37        |
| 4  | Conditioned medium from hypoxia-treated adipocytes renders muscle cells insulin resistant. <i>European Journal of Cell Biology</i> , 2011, 90, 1000-1015.   | 3.6 | 31        |
| 5  | The macrophage at the intersection of immunity and metabolism in obesity. <i>Diabetology and Metabolic Syndrome</i> , 2011, 3, 29.  | 2.7 | 31        |
| 6  | Endurance interval training in obese mice reduces muscle inflammation and macrophage content independently of weight loss. <i>Physiological Reports</i> , 2014, 2, e12012.  | 1.7 | 31        |
| 7  | Overweight, obesity and adiposity in survivors of childhood brain tumours: a systematic review and meta-analysis. <i>Clinical Obesity</i> , 2018, 8, 55-67.   | 2.0 | 29        |
| 8  | The quality of clinical practice guidelines for management of pediatric type 2 diabetes mellitus: a systematic review using the AGREE II instrument. <i>Systematic Reviews</i> , 2018, 7, 193.  | 5.3 | 28        |
| 9  | Prevalence of Hypertension and Albuminuria in Pediatric Type 2 Diabetes. <i>JAMA Network Open</i> , 2021, 4, e216069.   | 5.9 | 25        |
| 10 | Prevalence of Polycystic Ovary Syndrome in Patients With Pediatric Type 2 Diabetes. <i>JAMA Network Open</i> , 2022, 5, e2147454.   | 5.9 | 23        |
| 11 | The impact of age and race on longevity in pediatric astrocytic tumors: A population-based study. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1567-1571.  | 1.5 | 19        |
| 12 | Understanding the role of the immune system in adolescent idiopathic scoliosis: Immunometabolic CONNECTIONS to Scoliosis (ICONS) study protocol. <i>BMJ Open</i> , 2016, 6, e011812.  | 1.9 | 17        |
| 13 | Chemokine (C-C motif) Ligand 2 is a potential biomarker of inflammation & physical fitness in obese children: a cross-sectional study. <i>BMC Pediatrics</i> , 2013, 13, 47.  | 1.7 | 16        |
| 14 | Evaluation of clinical and inflammatory profile in opioid addiction patients with comorbid pain: results from a multicenter investigation. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 2239.                            | 2.2 | 16        |
| 15 | Adverse Outcomes Associated with Prescription Opioids for Acute Low Back Pain: A Systematic Review and Meta-Analysis. <i>Pain Physician</i> , 2019, 22, 119-138.  | 0.4 | 16        |
| 16 | Paraspinal muscle myoD homeobox 1 (LBX1) in adolescent idiopathic scoliosis: a cross-sectional study. <i>Spine Journal</i> , 2019, 19, 1911-1916.   | 1.3 | 15        |
| 17 | Canadian Study of Determinants of Endometabolic Health in ChildrEn (<i>CanDECIDE study</i>): a cohort study protocol examining the mechanisms of obesity in survivors of childhood brain tumours. <i>BMJ Open</i> , 2013, 3, e002869. | 1.9 | 14        |
| 18 | Comparison of Clinical and Social Characteristics of Canadian Youth Living With Type 1 and Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2021, 45, 428-435.  | 0.8 | 14        |

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|----|---|-----|-----------|
| 19 | Management of Pediatric and Adolescent Type 2 Diabetes. International Journal of Pediatrics (United Tj ETQq1 1 0,784314 rgBT /Ove   | 0,8 | 11        |
| 20 | Sex differences in skeletal muscle Phosphatase and tensin homolog deleted on chromosome 10 (PTEN) levels: A cross-sectional study. Scientific Reports, 2015, 5, 9154.   | 3.3 | 11        |
| 21 | Tri-ponderal mass index in survivors of childhood brain tumors: A cross-sectional study. Scientific Reports, 2018, 8, 16336.  | 3.3 | 11        |
| 22 | The effectiveness of interventions to treat hypothalamic obesity in survivors of childhood brain tumours: a systematic review. Obesity Reviews, 2017, 18, 899-914.  | 6.5 | 10        |
| 23 | Identifying patient-important outcomes in medication-assisted treatment for opioid use disorder patients: a systematic review protocol. BMJ Open, 2018, 8, e025059.   | 1.9 | 10        |
| 24 | Adiposity in childhood brain tumors: A report from the Canadian Study of Determinants of Endometabolic Health in Children (CanDECIDE Study). Scientific Reports, 2017, 7, 45078.  | 3.3 | 9         |
| 25 | The impact of environmental cadmium exposure on type 2 diabetes risk: a protocol for an overview of systematic reviews. Systematic Reviews, 2019, 8, 309.   | 5.3 | 9         |
| 26 | Circulating leptin levels are associated with adiposity in survivors of childhood brain tumors. Scientific Reports, 2020, 10, 4711.   | 3.3 | 9         |
| 27 | The future of precision medicine in opioid use disorder: inclusion of patient-important outcomes in clinical trials. Revista Brasileira De Psiquiatria, 2021, 43, 138-146.  | 1.7 | 9         |
| 28 | Recruitment feasibility to a cohort study of endocrine and metabolic health among survivors of childhood brain tumours: a report from the Canadian study of Determinants of Endometabolic Health in ChilDrEn (CanDECIDE). BMJ Open, 2014, 4, e005295-e005295. | 1.9 | 8         |
| 29 | The Tri-ponderal Mass Index is associated with adiposity in adolescent type 2 diabetes mellitus: a cross-sectional analysis. Scientific Reports, 2021, 11, 9111.  | 3.3 | 8         |
| 30 | Design, implementation, and evaluation of a pediatric and adolescent type 2 diabetes management program at a tertiary pediatric center. Journal of Multidisciplinary Healthcare, 2014, 7, 321.  | 2.7 | 7         |
| 31 | The Association of Pseudohypoparathyroidism Type Ia with Chiari Malformation Type I: A Coincidence or a Common Link?. Case Reports in Medicine, 2016, 2016, 1-4.  | 0.7 | 7         |
| 32 | Treatment outcomes in patients with opioid use disorder initiated by prescription: a systematic review protocol. Systematic Reviews, 2018, 7, 16.   | 5.3 | 7         |
| 33 | Obesity and muscleâ€macrophage crosstalk in humans and mice: A systematic review. Obesity Reviews, 2019, 20, 1572-1596.   | 6.5 | 7         |
| 34 | Treatment Outcomes in Patients With Opioid Use Disorder Who Were First Introduced to Opioids by Prescription: A Systematic Review and Meta-Analysis. Frontiers in Psychiatry, 2020, 11, 812.  | 2.6 | 7         |
| 35 | Association Between Socio-Demographic and Health Functioning Variables Among Patients with Opioid Use Disorder Introduced by Prescription: A Prospective Cohort Study. Pain Physician, 2018, 21, E623-E632.   | 0.4 | 7         |
| 36 | Evaluating overweight and obesity prevalence in survivors of childhood brain tumors: a systematic review protocol. Systematic Reviews, 2017, 6, 43.   | 5.3 | 5         |

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|----|---|-----|-----------|
| 37 | Evaluating the evidence for macrophage presence in skeletal muscle and its relation to insulin resistance in obese mice and humans: a systematic review protocol. BMC Research Notes, 2017, 10, 374.  | 1.4 | 5         |
| 38 | The effect of cannabis exposure on pubertal outcomes: a systematic review. Adolescent Health, Medicine and Therapeutics, 2018, Volume 9, 137-147.   | 0.9 | 5         |
| 39 | Overweight and obesity management strategies in survivors of paediatric acute lymphoblastic leukaemia: a systematic review protocol. BMJ Open, 2018, 8, e022530.                                      | 1.9 | 5         |
| 40 | Bariatric interventions in obesity treatment and prevention in pediatric acute lymphoblastic leukemia: a systematic review and meta-analysis. Cancer and Metastasis Reviews, 2020, 39, 79-90.         | 5.9 | 5         |
| 41 | Adiposity and immune-muscle crosstalk in South Asians & Europeans: A cross-sectional study. Scientific Reports, 2015, 5, 14521.   | 3.3 | 4         |
| 42 | The effectiveness of interventions to treat obesity in survivors of childhood brain tumors: a systematic review protocol. Systematic Reviews, 2016, 5, 101.   | 5.3 | 4         |
| 43 | Appraisal of clinical practice guidelines for management of paediatric type 2 diabetes mellitus using the AGREE II instrument: a systematic review protocol. Systematic Reviews, 2016, 5, 111.        | 5.3 | 4         |
| 44 | Understanding muscle-immune interactions in adolescent idiopathic scoliosis: a feasibility study. Pilot and Feasibility Studies, 2017, 3, 50.   | 1.2 | 4         |
| 45 | Salvage Therapy for Childhood Medulloblastoma: A Single Center Experience. Canadian Journal of Neurological Sciences, 2019, 46, 403-414.  | 0.5 | 4         |
| 46 | Traditional knowledge-based lifestyle interventions in the prevention of obesity and type 2 diabetes in Indigenous children in Canada: a systematic review protocol. Systematic Reviews, 2019, 8, 69. | 5.3 | 4         |
| 47 | Evaluating the endometabolic and bone health effects of Tyrosine Kinase Inhibitors in Chronic Myeloid Leukaemia: a systematic review protocol. BMJ Open, 2019, 9, e030092.                            | 1.9 | 4         |
| 48 | Impact of SARS-CoV-2 pandemic on the mental and physical health of children enrolled in a paediatric weight management clinic. Paediatrics and Child Health, 2022, 27, S72-S77.                       | 0.6 | 4         |
| 49 | <p>Translating knowledge into action to prevent pediatric and adolescent diabetes: a meeting report</p>. Adolescent Health, Medicine and Therapeutics, 2019, Volume 10, 91-101.                       | 0.9 | 3         |
| 50 | Myalgia and Hematuria in Association with Clonidine and Arginine Administration for Growth Hormone Stimulation Tests. Case Reports in Medicine, 2020, 2020, 1-4.                                      | 0.7 | 3         |
| 51 | Exercise-Induced Hypoglycemic Hemiplegia in a Child with Type 1 Diabetes: A Rare Find with Multiple Potential Causative Mechanisms. Case Reports in Medicine, 2011, 2011, 1-3.                        | 0.7 | 2         |
| 52 | Birth weight and body mass index z-score in childhood brain tumors: A cross-sectional study. Scientific Reports, 2018, 8, 1642.   | 3.3 | 2         |
| 53 | <p>The creation of a national coalition to target adolescent idiopathic scoliosis: a meeting report</p>. Adolescent Health, Medicine and Therapeutics, 2019, Volume 10, 15-19.                        | 0.9 | 2         |
| 54 | High molecular weight adiponectin levels are inversely associated with adiposity in pediatric brain tumor survivors. Scientific Reports, 2020, 10, 18606.   | 3.3 | 2         |

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|----|---|-----|-----------|
| 55 | Glycemic Control in Patients Treated with Tyrosine Kinase Inhibitors for Chronic Myeloid Leukemia: A Systematic Review. <i>Blood</i> , 2018, 132, 4273-4273.  | 1.4 | 2         |
| 56 | <p>Evaluating the prevalence of diabetes mellitus subtypes in childhood cancer survivors: a systematic review protocol</p>. <i>Adolescent Health, Medicine and Therapeutics</i> , 2019, Volume 10, 59-65. | 0.9 | 1         |
| 57 | 41 - Obesity Prevalence in Pediatric Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Canadian Journal of Diabetes</i> , 2020, 44, S19.  | 0.8 | 1         |
| 58 | Vomiting and Cardiac Arrest in a 10-Year-Old Girl. <i>Pediatric Emergency Care</i> , 2020, Publish Ahead of Print, .  | 0.9 | 1         |
| 59 | The triponderal mass index as a measure of adiposity in pediatric survivors of acute lymphoblastic leukemia: a cross-sectional study. <i>Scientific Reports</i> , 2022, 12, 1404.                         | 3.3 | 1         |
| 60 | Impact of virtual care on health-related quality of life in children with diabetes mellitus: a systematic review protocol. <i>BMJ Open</i> , 2022, 12, e053642.   | 1.9 | 1         |
| 61 | Association between vaping and health outcomes in patients with opioid use disorder: a systematic review protocol. <i>BMJ Open</i> , 2021, 11, e040349.   | 1.9 | 0         |
| 62 | Leptin is Associated with the Tri-Ponderal Mass Index in Children: A Cross-Sectional Study. <i>Adolescent Health, Medicine and Therapeutics</i> , 2021, Volume 12, 9-15.                                  | 0.9 | 0         |
| 63 | Safety Audits in the Emergency Department. <i>Pediatric Emergency Care</i> , 2020, Publish Ahead of Print, .  | 0.9 | 0         |
| 64 | Environmental Cadmium Exposure and Type 2 Diabetes Mellitus Risk: An Overview of Systematic Reviews. <i>Exposure and Health</i> , 0, , 1.   | 4.9 | 0         |