

# Irma ChacÃ³n

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,971  
citations

279487

23  
h-index

253896

43  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. <i>Lancet</i> , The, 2017, 389, 1519-1527.	6.3	225
2	Causal assessment of occupational sitting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 252-261.	0.6	170
3	Causal assessment of occupational lifting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 554-566.	0.6	141
4	Causal assessment of occupational bending or twisting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 76-88.	0.6	134
5	Causal assessment of awkward occupational postures and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 89-99.	0.6	121
6	Causal assessment of occupational standing or walking and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 262-272.	0.6	90
7	Causal assessment of workplace manual handling or assisting patients and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 639-651.	0.6	90
8	A systematic review of preoperative predictors for postoperative clinical outcomes following lumbar discectomy. <i>Spine Journal</i> , 2016, 16, 1413-1422.	0.6	70
9	Can cost utility evaluations inform decision making about interventions for low back pain?. <i>Spine Journal</i> , 2009, 9, 944-957.	0.6	66
10	Causal assessment of occupational carrying and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 628-638.	0.6	63
11	A simplified clinical prediction rule for prognosticating independent walking after spinal cord injury: a prospective study from a Canadian multicenter spinal cord injury registry. <i>Spine Journal</i> , 2017, 17, 1383-1392.	0.6	56
12	Day-to-Day Variance in Measurement of Resting Metabolic Rate Using Ventilated Hood and Mouthpiece & Nose-Clip Indirect Calorimetry Systems. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006, 30, 426-432.	1.3	55
13	Pilot evaluation of a multidisciplinary, medically supervised, nonsurgical weight loss program on the severity of low back pain in obese adults. <i>Spine Journal</i> , 2011, 11, 197-204.	0.6	55
14	Stability of Postoperative Delirium Psychomotor Subtypes in Individuals with Hip Fracture. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 970-976.	1.3	51
15	Causal assessment of occupational pushing or pulling and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 544-553.	0.6	50
16	Effect of Perioperative Vitamin C Supplementation on Postoperative Pain and the Incidence of Chronic Regional Pain Syndrome. <i>Clinical Journal of Pain</i> , 2016, 32, 179-185.	0.8	48
17	Delirium Outcomes in a Randomized Trial of Blood Transfusion Thresholds in Hospitalized Older Adults with Hip Fracture. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 1286-1295.	1.3	46
18	A Pilot Evaluation of the Role of Bracing in Stable Thoracolumbar Burst Fractures Without Neurological Deficit. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 370-375.	1.8	45

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19	Effect of stage duration on physiological variables commonly used to determine maximum aerobic performance during cycle ergometry. <i>Journal of Sports Sciences</i> , 2007, 25, 1325-1335.	1.0	40
20	Delay in operative stabilization of spine fractures in multitrauma patients without neurologic injuries: effects on outcomes. <i>Canadian Journal of Surgery</i> , 2011, 54, 270-276.	0.5	36
21	Spinal cord injuries related to cervical spine fractures in elderly patients: factors affecting mortality. <i>Spine Journal</i> , 2013, 13, 862-866.	0.6	33
22	Association of rs11190870 near LBX1 with adolescent idiopathic scoliosis in East Asians: a systematic review and meta-analysis. <i>Spine Journal</i> , 2014, 14, 2968-2975.	0.6	25
23	Can Surgeons Adequately Capture Adverse Events Using the Spinal Adverse Events Severity System (SAVES) and OrthoSAVES?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 253-260.	0.7	24
24	Exploration of the Inter-Relationships Between Obesity, Physical Inactivity, Inflammation, and Low Back Pain. <i>Spine</i> , 2018, 43, 1218-1224.	1.0	24
25	Highlighting discrepancies in walking prediction accuracy for patients with traumatic spinal cord injury: an evaluation of validated prediction models using a Canadian Multicenter Spinal Cord Injury Registry. <i>Spine Journal</i> , 2019, 19, 703-710.	0.6	24
26	Osteoconductive Bone Graft Extenders in Posterolateral Thoracolumbar Spinal Fusion. <i>Spine</i> , 2012, 37, E993-E1000.	1.0	23
27	A systematic review of diagnostic imaging use for low back pain in the United States. <i>Spine Journal</i> , 2014, 14, 1036-1048.	0.6	19
28	Association between the ESR1 -351A>G single nucleotide polymorphism (rs9340799) and adolescent idiopathic scoliosis: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2014, 23, 2586-2593.	1.0	17
29	Obesity and Low Back Pain: Is There a Weight of Evidence to Support a Positive Relationship?. <i>Current Obesity Reports</i> , 2013, 2, 241-250.	3.5	16
30	Association Between the Estrogen Receptor Beta (ESR2) Rs1256120 Single Nucleotide Polymorphism and Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2017, 42, 871-878.	1.0	15
31	Continuous quality improvement in orthopedic surgery: changes and implications with health system funding reform. <i>Canadian Journal of Surgery</i> , 2016, 59, 149-150.	0.5	14
32	Activities performed and treatments conducted before consultation with a spine surgeon: are patients and clinicians following evidence-based clinical practice guidelines?. <i>Spine Journal</i> , 2018, 18, 614-619.	0.6	14
33	A comparison of outcomes between Canada and the United States in patients recovering from hip fracture repair: secondary analysis of the FOCUS trial. <i>International Journal for Quality in Health Care</i> , 2018, 30, 97-103.	0.9	10
34	Management of cervical spine epidural abscess: a systematic review. <i>Therapeutic Advances in Infectious Disease</i> , 2019, 6, 204993611986394.	1.1	9
35	Effect of omega-3 fatty acids supplementation on adipokines: a systematic review and meta-analysis of randomized controlled trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7561-7575.	5.4	6
36	Long-Term Trajectory of Recovery Following Pilon Fracture Fixation. <i>Journal of Orthopaedic Trauma</i> , 2022, 36, e250-e254.	0.7	6

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37	Capturing adverse events in elective orthopedic surgery: comparison of administrative, surgeon and reviewer reporting. Canadian Journal of Surgery, 2020, 63, E35-E37.	0.5	5
38	Genetics of adolescent idiopathic scoliosis in the post-genome-wide association study era. Annals of Translational Medicine, 2015, 3, S35.	0.7	5
39	Spontaneous Atraumatic Bilateral Pedicle Insufficiency Fractures. Canadian Journal of Neurological Sciences, 2018, 45, 717-720.	0.3	4
40	Quantifying Urinary and Sexual Dysfunction After Pelvic Fracture. Journal of Orthopaedic Trauma, 2022, 36, 118-123.	0.7	4
41	Allogeneic blood transfusions and infection risk in lumbar spine surgery: An American College of Surgeons National Surgery Quality Improvement Program Study. Transfusion, 2022, 62, 1027-1033.	0.8	4
42	Intradural Hematoma and Arachnoid Cyst Following Lumbar Spinal Surgery: A Case Report. Canadian Journal of Neurological Sciences, 2018, 45, 114-116.	0.3	3
43	Increased Prevalence of Chronic Disease in Back Pain Patients Living in Car-dependent Neighbourhoods in Canada: A Cross-sectional Analysis. Journal of Preventive Medicine and Public Health, 2018, 51, 227-233.	0.7	3
44	The Use of a Self-Administered Questionnaire to Reduce Consultation Wait Times for Potential Elective Lumbar Spinal Surgical Candidates. Journal of Bone and Joint Surgery - Series A, 2018, 100, 2125-2131.	1.4	2
45	Responsiveness of the PROMIS physical function measure in orthopaedic trauma patients. Injury, 2022, 53, 2041-2046.	0.7	2
46	Treatment options for back pain provided online in Canadian magazines: Comparison against evidence from a clinical practice guideline. Health Education Journal, 2017, 76, 818-828.	0.6	1
47	Effects of Vitamin D Supplementation on Bone Health and Bone-related Parameters in HIV-infected Patients: A Systematic Review and Meta-analysis. Clinical Therapeutics, 2022, 44, e11-25.e8.	1.1	1
48	Beneficial Effects of Preoperative Exercise on the Outcomes of Lumbar Fusion Spinal Surgery. Physiotherapy Canada Physiotherapie Canada, 0, , .	0.3	1
49	Decompression Surgery. , 2012, , 403-421.		0
50	Fusion Surgery and Disc Arthroplasty. , 2012, , 422-442.		0
51	Effect of orthopaedic resident education on screening for intimate partner violence. Injury Epidemiology, 2021, 8, 62.	0.8	0