

# Jose B Volpon

## List of Publications by Year in descending order

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56  
papers

974  
citations

471509

17  
h-index

477307

29  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Footprint Analysis During the Growth Period. <i>Journal of Pediatric Orthopaedics</i> , 1994, 14, 83-85.	1.2	157
2	Calcaneal apophysitis: a quantitative radiographic evaluation of the secondary ossification center. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2002, 122, 338-341.	2.4	62
3	Development and evaluation of thoracic kyphosis and lumbar lordosis during growth. <i>Journal of Children's Orthopaedics</i> , 2007, 1, 187-193.	1.1	53
4	Osteoid osteomas with chromosome alterations involving 22q. <i>Cancer Genetics and Cytogenetics</i> , 2001, 124, 127-131.	1.0	44
5	Ultrasonographic Evaluation of Achilles Tendon Repair After Percutaneous Sectioning for the Correction of Congenital Clubfoot Residual Equinus. <i>Journal of Pediatric Orthopaedics</i> , 2009, 29, 804-810.	1.2	43
6	Exposure to Secondhand Smoke Impairs Fracture Healing in Rats. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 894-902.	1.5	38
7	Nonunion using a canine model. <i>Archives of Orthopaedic and Trauma Surgery</i> , 1994, 113, 312-317.	2.4	30
8	Title is missing!. <i>Journal of Pediatric Orthopaedics</i> , 1999, 19, 84-87.	1.2	30
9	The osteogenic effects of swimming, jumping, and vibration on the protection of bone quality from disuse bone loss. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 390-397.	2.9	29
10	The Effect of Repetitive Pilot-Hole Use on the Insertion Torque and Pullout Strength of Vertebral System Screws. <i>Spine</i> , 2009, 34, 871-876.	2.0	28
11	Evaluation of rhBMP-2 and Natural Latex as Potential Osteogenic Proteins in Critical Size Defects by Histomorphometric Methods. <i>Anatomical Record</i> , 2010, 293, 794-801.	1.4	28
12	Boron supplementation improves bone health of non-obese diabetic mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 169-175.	3.0	27
13	Idiopathic genu valgum treated by epiphyseodesis in adolescence. <i>International Orthopaedics</i> , 1997, 21, 228-231.	1.9	22
14	Etiopathogenesis of Hepatic Osteodystrophy in Wistar Rats with Cholestatic Liver Disease. <i>Calcified Tissue International</i> , 2009, 85, 75-83.	3.1	22
15	Whole-body vibration improves fracture healing and bone quality in rats with ovariectomy-induced osteoporosis. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 727-735.	0.7	21
16	Comparison between Graf method and pubo-femoral distance in neutral and flexion positions to diagnose developmental dysplasia of the hip. <i>European Journal of Radiology</i> , 2015, 84, 301-306.	2.6	20
17	Fuhrmann syndrome: two Brazilian cases. <i>Clinical Dysmorphology</i> , 2003, 12, 85-88.	0.3	18
18	Morphological comparison of different protocols of skeletal muscle remobilization in rats after hindlimb suspension. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 453-461.	2.9	18

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19	Biomechanical Performance of Flexible Intramedullary Nails With End Caps Tested in Distal Segmental Defects of Pediatric Femur Models. <i>Journal of Pediatric Orthopaedics</i> , 2012, 32, 461-466.	1.2	18
20	Standing Frame and Electrical Stimulation Therapies Partially Preserve Bone Strength in a Rodent Model of Acute Spinal Cord Injury. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 402-410.	1.4	18
21	Efeitos do ultra-som terapêutico nas propriedades mecânicas do músculo esquelético após contusão. <i>Brazilian Journal of Physical Therapy</i> , 2008, 12, 241-247.	2.5	17
22	Swimming Activity Prevents the Unloading Induced Loss of Bone Mass, Architecture, and Strength in Rats. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	17
23	Biomechanical Effects of Immobilization and Rehabilitation on the Skeletal Muscle of Trained and Sedentary Rats. <i>Annals of Biomedical Engineering</i> , 2008, 36, 1641-1648.	2.5	16
24	The use of decalcified granulated homologous cortical bone matrix in the correction of diaphyseal bone defect. <i>Archives of Orthopaedic and Traumatic Surgery Archiv für Orthopädische Und Unfall-Chirurgie</i> , 1982, 99, 199-207.	0.1	13
25	A Modified Technique of Rat Tail Suspension for Longer Periods of Observation. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 1176-1180.	0.5	12
26	Comparison between innominate osteotomy and arthrodistraction as a primary treatment for Legg-Calvé-Perthes disease: a prospective controlled trial. <i>International Orthopaedics</i> , 2012, 36, 1899-1905.	1.9	12
27	Second hand tobacco smoke adversely affects the bone of immature rats. <i>Clinics</i> , 2017, 72, 785-789.	1.5	12
28	Physical and mechanical characterization of a porous cement for metaphyseal bone repair. <i>Acta Ortopedica Brasileira</i> , 2015, 23, 197-201.	0.5	11
29	Varization open-wedge osteotomy of the distal femur: comparison between locking plate and angle blade plate constructs. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2202-2207.	4.2	11
30	Uso de agulha de grosso calibre na secção percutânea do tendão calcâneo no pé torto congênito. <i>Acta Ortopedica Brasileira</i> , 2010, 18, 271-276.	0.5	10
31	Experimental in vivo acute and chronic biomechanical and histomorphometrical comparison of self-drilling and self-tapping anterior cervical screws. <i>European Spine Journal</i> , 2012, 21, 956-963.	2.2	10
32	Análise biomecânica dos efeitos da crioterapia no tratamento da lesão muscular aguda. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008, 14, 372-375.	0.2	9
33	Pé torto congênito. <i>Acta Ortopedica Brasileira</i> , 2011, 19, 163-169.	0.5	8
34	The osteogenic effects of swimming on bone mass, strength, and microarchitecture in rats with unloading-induced bone loss. <i>Microscopy Research and Technique</i> , 2015, 78, 784-791.	2.2	8
35	CHRONIC CONSUMPTION OF ALCOHOL ADVERSELY AFFECTS THE BONE OF YOUNG RATS. <i>Acta Ortopedica Brasileira</i> , 2019, 27, 321-324.	0.5	8
36	Mechanical Performance of Cylindrical and Dual-Core Pedicle Screws After Repeated Insertion. <i>Spine</i> , 2012, 37, 1187-1191.	2.0	7

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37	Allometric relationships among body mass, MUZZLE-tail length, and tibia length during the growth of Wistar rats1. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 743-748.	0.7	7
38	Nandrolone decanoate appears to increase bone callus formation in young adult rats after a complete femoral fracture. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 924-934.	0.7	7
39	Tension band wire fixation for valgus osteotomies of the proximal femur: A biomechanical study of three configurations of fixation. <i>Clinical Biomechanics</i> , 2008, 23, 395-401.	1.2	6
40	Bovine Bone Screws: Metrology and Effects of Chemical Processing and Ethylene Oxide Sterilization on Bone Surface and Mechanical Properties. <i>Journal of Biomaterials Applications</i> , 2009, 23, 453-471.	2.4	6
41	Collagen fibers evaluation after rhBMP-2 insertion in critical-sized defects. <i>Micron</i> , 2009, 40, 560-562.	2.2	6
42	O ultra-som terapêutico não aumentou as propriedades mecânicas de tendões flexores após reparo. <i>Acta Ortopédica Brasileira</i> , 2010, 18, 10-14.	0.5	6
43	Review of Secondary Causes of Osteoporotic Fractures Due to Diabetes and Spinal Cord Injury. <i>Current Osteoporosis Reports</i> , 2020, 18, 148-156.	3.6	6
44	Gene expression changes are associated with severe bone loss and deficient fracture callus formation in rats with complete spinal cord injury. <i>Spinal Cord</i> , 2020, 58, 365-376.	1.9	5
45	Hepatic Osteodystrophy: The Mechanism of Bone Loss in Hepatocellular Disease and the Effects of Pamidronate Treatment. <i>Clinics</i> , 2017, 72, 231-237.	1.5	4
46	Low-Intensity Ultrasound Application in Distal Radius Metaphyseal Bone Defects of Dogs. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 1849-1855.	1.5	3
47	Development and mechanical testing of a short intramedullary nail for fixation of femoral rotational osteotomy in cerebral palsy patients. <i>BioMedical Engineering OnLine</i> , 2011, 10, 57.	2.7	3
48	Overexpression of HIF-1 $\alpha$ and Morphological Alterations in the Tongue of Rats Exposed To Secondhand Smoke. <i>Brazilian Dental Journal</i> , 2020, 31, 281-289.	1.1	3
49	ANALYSIS OF STERNAL CURVATURE PATTERNS IN PATIENTS WITH PECTUS AND CONTROL. <i>Acta Ortopédica Brasileira</i> , 2021, 29, 258-262.	0.5	2
50	Torsional force applied to the tibia of living lambs in an attempt to change the bone rotational axis. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 193-200.	0.7	1
51	Mechanical testing of the tension band wire fixation in the proximal femur. <i>Archives of Orthopaedic and Trauma Surgery</i> , 1997, 116, 266-270.	2.4	1
52	Novo sistema para acoplamento de parafusos de interferência: ensaio biomecânico de torção. <i>Acta Ortopédica Brasileira</i> , 2011, 19, 28-31.	0.5	0
53	Effects of tobacco smoke inhalation on the morphology and cell proliferation rate in Wistar rats submandibular glands. <i>Research, Society and Development</i> , 2021, 10, e28510817327.	0.1	0
54	BROAD PECTUS EXCAVATUM TREATMENT: LONG TERM RESULTS OF A BRAZILIAN TECHNIQUE. <i>Acta Ortopédica Brasileira</i> , 2021, 29, 197-202.	0.5	0

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55	LOCALIZED PECTUS EXCAVATUM TREATED WITH BRACE AND EXERCISE: LONG TERM RESULTS OF A BRAZILIAN TECHNIQUE. Acta Ortopedica Brasileira, 2021, 29, 143-148.	0.5	0
56	DOUBLE FEMORAL OSTEOTOMY FOR THE TREATMENT OF SEVERE SEQUELAE OF THE IMMATURE HIP. Acta Ortopedica Brasileira, 2020, 28, 287-290.	0.5	0