

# Martin Torriani

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,391  
citations

172386

29  
h-index

223716

46  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in body composition and association with cardiometabolic risk. <i>Biology of Sex Differences</i> , 2018, 9, 28.	1.8	189
2	Effects of Roux-en-Y gastric bypass and sleeve gastrectomy on bone mineral density and marrow adipose tissue. <i>Bone</i> , 2017, 95, 85-90.	1.4	133
3	Ectopic and Serum Lipid Levels Are Positively Associated with Bone Marrow Fat in Obesity. <i>Radiology</i> , 2013, 269, 534-541.	3.6	118
4	Marrow fat composition in anorexia nervosa. <i>Bone</i> , 2014, 66, 199-204.	1.4	90
5	Distinguishing Untreated Osteoblastic Metastases From Enostoses Using CT Attenuation Measurements. <i>American Journal of Roentgenology</i> , 2016, 207, 362-368.	1.0	82
6	Marrow adipose tissue composition in adults with morbid obesity. <i>Bone</i> , 2017, 97, 38-42.	1.4	81
7	Percutaneous radiofrequency treatment of osteoid osteoma. <i>Pediatric Radiology</i> , 2002, 32, 615-618.	1.1	72
8	Effect of Tesamorelin on Visceral Fat and Liver Fat in HIV-Infected Patients With Abdominal Fat Accumulation. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 380.	3.8	70
9	Imaging of Brown Adipose Tissue: State of the Art. <i>Radiology</i> , 2016, 280, 4-19.	3.6	69
10	Botulinum toxin injection in neurogenic thoracic outlet syndrome: results and experience using a ultrasound-guided approach. <i>Skeletal Radiology</i> , 2010, 39, 973-980.	1.2	63
11	Assessment of Abdominal Fat Compartments Using DXA in Premenopausal Women From Anorexia Nervosa to Morbid Obesity. <i>Obesity</i> , 2013, 21, 2458-2464.	1.5	62
12	Psoas muscle attenuation measurement with computed tomography indicates intramuscular fat accumulation in patients with the HIV-lipodystrophy syndrome. <i>Journal of Applied Physiology</i> , 2003, 95, 1005-1010.	1.2	61
13	Deep learning for automated segmentation of pelvic muscles, fat, and bone from CT studies for body composition assessment. <i>Skeletal Radiology</i> , 2020, 49, 387-395.	1.2	59
14	Dynamic Sonography of the Forefoot: The Sonographic Mulder Sign. <i>American Journal of Roentgenology</i> , 2003, 180, 1121-1123.	1.0	58
15	Intramyocellular Lipid Quantification: Repeatability with 1H MR Spectroscopy. <i>Radiology</i> , 2005, 236, 609-614.	3.6	55
16	Peak Growth Hormone-Releasing Hormone-Arginine-Stimulated Growth Hormone Is Inversely Associated with Intramyocellular and Intrahepatic Lipid Content in Premenopausal Women with Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3995-4002.	1.8	53
17	Effects of GH on Body Composition and Cardiovascular Risk Markers in Young Men With Abdominal Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3864-3872.	1.8	51
18	MRI of Metatarsal Head Subchondral Fractures in Patients with Forefoot Pain. <i>American Journal of Roentgenology</i> , 2008, 190, 570-575.	1.0	47

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19	Effects of GH in women with abdominal adiposity: a 6-month randomized, double-blind, placebo-controlled trial. <i>European Journal of Endocrinology</i> , 2012, 166, 601-611.	1.9	44
20	Increased intramyocellular lipid accumulation in HIV-infected women with fat redistribution. <i>Journal of Applied Physiology</i> , 2006, 100, 609-614.	1.2	43
21	Measurement of Glenoid Bone Loss With 3-Dimensional Magnetic Resonance Imaging: A Matched Computed Tomography Analysis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 3141-3147.	1.3	43
22	Positive effects of brown adipose tissue on femoral bone structure. <i>Bone</i> , 2014, 58, 55-58.	1.4	40
23	Comparison of 3.0 T proton magnetic resonance spectroscopy short and long echo-time measures of intramyocellular lipids in obese and normal-weight women. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 388-393.	1.9	39
24	Computed Tomography-based Body Composition Analysis and Its Role in Lung Cancer Care. <i>Journal of Thoracic Imaging</i> , 2020, 35, 91-100.	0.8	39
25	Musculoskeletal Ultrasound: An Alternative Imaging Modality for Sports-Related Injuries. <i>Topics in Magnetic Resonance Imaging</i> , 2003, 14, 103-111.	0.7	37
26	Deep learning method for segmentation of rotator cuff muscles on MR images. <i>Skeletal Radiology</i> , 2021, 50, 683-692.	1.2	36
27	Visceral and subcutaneous adipose tissue FDG uptake by PET/CT in metabolically healthy obese subjects. <i>Obesity</i> , 2015, 23, 286-289.	1.5	35
28	Assessment of trunk muscle density using CT and its association with degenerative disc and facet joint disease of the lumbar spine. <i>Skeletal Radiology</i> , 2016, 45, 1221-1226.	1.2	34
29	Breath-Hold 1H-Magnetic Resonance Spectroscopy for Intrahepatic Lipid Quantification at 3 Tesla. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 372-376.	0.5	33
30	Percutaneous CT-guided needle biopsies of musculoskeletal tumors: a 5-year analysis of non-diagnostic biopsies. <i>Skeletal Radiology</i> , 2015, 44, 1795-1803.	1.2	32
31	Effects of growth hormone administration for 6 months on bone turnover and bone marrow fat in obese premenopausal women. <i>Bone</i> , 2014, 62, 29-35.	1.4	30
32	Deiodinase 2 Expression Is Increased in Dorsocervical Fat of Patients with HIV-Associated Lipohypertrophy Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E602-E607.	1.8	29
33	Rock Climbing Injuries: Acute and Chronic Repetitive Trauma. <i>Current Problems in Diagnostic Radiology</i> , 2016, 45, 205-214.	0.6	28
34	Body composition predictors of outcome in patients with COVID-19. <i>International Journal of Obesity</i> , 2021, 45, 2238-2243.	1.6	28
35	Treatment of aneurysmal bone cysts by percutaneous CT-guided injection of calcitonin and steroid. <i>Skeletal Radiology</i> , 2017, 46, 35-40.	1.2	27
36	Artificial Intelligence in the Evaluation of Body Composition. <i>Seminars in Musculoskeletal Radiology</i> , 2020, 24, 030-037.	0.4	26

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37	Abdominal adipose tissue in MGUS and multiple myeloma. <i>Skeletal Radiology</i> , 2016, 45, 1277-1283.	1.2	24
38	Brown adipose tissue and cancer progression. <i>Skeletal Radiology</i> , 2020, 49, 635-639.	1.2	24
39	Effects of Pitavastatin on Insulin Sensitivity and Liver Fat: A Randomized Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4176-4186.	1.8	23
40	Adiponectin Is Inversely Associated With Intramyocellular and Intrahepatic Lipids in Obese Premenopausal Women. <i>Obesity</i> , 2011, 19, 911-916.	1.5	22
41	Short- and long-term reproducibility of marrow adipose tissue quantification by 1H-MR spectroscopy. <i>Skeletal Radiology</i> , 2016, 45, 221-225.	1.2	21
42	Insulin Resistance and Impaired Mitochondrial Function in Obese Adolescent Girls. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 56-61.	0.5	20
43	Metabolic Effects of Long-Term Reduction in Free Fatty Acids With Acipimox in Obesity: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1123-1133.	1.8	19
44	Relationship of visceral and subcutaneous adipose depots to markers of arterial injury and inflammation among individuals with HIV. <i>Aids</i> , 2019, 33, 229-236.	1.0	18
45	Aftermath of Ankle Inversion Injuries. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2017, 25, 45-61.	0.6	16
46	Association between muscle mass and insulin sensitivity independent of detrimental adipose depots in young adults with overweight/obesity. <i>International Journal of Obesity</i> , 2020, 44, 1851-1858.	1.6	14
47	Intramyocellular lipid quantification: comparison between 3.0- and 1.5-T 1H-MRS. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1105-1111.	1.0	13
48	Fat Attenuation at CT in Anorexia Nervosa. <i>Radiology</i> , 2016, 279, 151-157.	3.6	13
49	Comparison of visceral fat measurement by dual-energy X-ray absorptiometry to computed tomography in HIV and non-HIV. <i>Nutrition and Diabetes</i> , 2019, 9, 6.	1.5	13
50	Measuring muscle lipids with 1H-MR spectroscopy. <i>Skeletal Radiology</i> , 2007, 36, 607-608.	1.2	12
51	Quantitative Imaging of Body Composition. <i>Seminars in Musculoskeletal Radiology</i> , 2020, 24, 375-385.	0.4	12
52	Automated detection and segmentation of sclerotic spinal lesions on body CTs using a deep convolutional neural network. <i>Skeletal Radiology</i> , 2022, 51, 391-399.	1.2	11
53	Altered pattern of circulating miRNAs in HIV lipodystrophy perturbs key adipose differentiation and inflammation pathways. <i>JCI Insight</i> , 2021, 6, .	2.3	10
54	Assessment of accuracy and precision of 3D reconstruction of unicompartmental knee arthroplasty in upright position using biplanar radiography. <i>Medical Engineering and Physics</i> , 2016, 38, 633-638.	0.8	9

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55	Measures of Adipose Tissue Redistribution and Atherosclerotic Coronary Plaque in HIV. <i>Obesity</i> , 2020, 28, 749-755.	1.5	9
56	Osseous metastases of chordoma: imaging and clinical findings. <i>Skeletal Radiology</i> , 2017, 46, 351-358.	1.2	8
57	Synthesizing Quantitative T2 Maps in Right Lateral Knee Femoral Condyles from Multicontrast Anatomic Data with a Conditional Generative Adversarial Network. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200122.	3.0	7
58	MRI appearance of the superior transverse scapular ligament. <i>Skeletal Radiology</i> , 2015, 44, 1663-1669.	1.2	6
59	Quantitative contrast-enhanced CT attenuation evaluation of osseous metastases following chemotherapy. <i>Skeletal Radiology</i> , 2017, 46, 1385-1395.	1.2	6
60	Ultrasound-guided injection for the diagnosis and treatment of posteromedial knee friction syndrome. <i>Skeletal Radiology</i> , 2019, 48, 563-568.	1.2	5
61	Short- and Long-Term Reproducibility of Intrahepatic Lipid Quantification by 1H-MR Spectroscopy and CT in Obesity. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 678-682.	0.5	4
62	The effect of music on pain and subjective experience in image-guided musculoskeletal corticosteroid injections: a randomized controlled trial. <i>Skeletal Radiology</i> , 2020, 49, 435-441.	1.2	4
63	Magnetic Resonance Imaging of Tibial Classic Adamantinoma at 2 Tesla. <i>Journal of Computer Assisted Tomography</i> , 2002, 26, 855-859.	0.5	3
64	Radiation dose and intra-articular access: comparison of the lateral mortise and anterior midline approaches to fluoroscopically guided tibiotalar joint injections. <i>Skeletal Radiology</i> , 2016, 45, 367-373.	1.2	3
65	A measuring technique for intra-osseous pressure. <i>Skeletal Radiology</i> , 2021, 50, 1461-1464.	1.2	3
66	Relationship of Telomere Length to Fat Redistribution in HIV. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa523.	0.4	3
67	Growth Hormone Releasing Hormone Reduces Plasma Markers of Immune Activation and Hepatic Immune Pathways in Nonalcoholic Fatty Liver Disease. <i>Journal of the Endocrine Society</i> , 2021, 5, A628-A629.	0.1	0
68	Radiologist-level Scaphoid Fracture Detection: Next Steps for Clinical Application. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e210111.	3.0	0