

# Roy Moncayo

## List of Publications by Year in descending order

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78  
papers

2,369  
citations

236925

25  
h-index

214800

47  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2145  
citing authors

#	ARTICLE	IF	CITATIONS
1	111In- and 90Y-DOTA-Lanreotide: Results and implications of the MAURITIUS trial. <i>Seminars in Nuclear Medicine</i> , 2002, 32, 148-155.	4.6	225
2	131I/123I-Metaiodobenzylguanidine (mIBG) scintigraphy: procedure guidelines for tumour imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 2436-2446.	6.4	219
3	99mTc-EDDA/HYNIC-TOC: a new 99mTc-labelled radiopharmaceutical for imaging somatostatin receptor-positive tumours: first clinical results and intra-patient comparison with 111In-labelled octreotide derivatives. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 1318-1325.	2.1	158
4	Brain perfusion scintigraphy with 99mTc-HMPAO or 99mTc-ECD and 123I- $\beta$ -CIT single-photon emission tomography in dementia of the Alzheimer-type and diffuse Lewy body disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 320-325.	2.1	137
5	Pediatric reference intervals for thyroid hormone levels from birth to adulthood: a retrospective study. <i>BMC Endocrine Disorders</i> , 2008, 8, 15.	2.2	137
6	An inpatient comparison of 99mTc-EDDA/HYNIC-TOC with 111In-DTPA-octreotide for diagnosis of somatostatin receptor-expressing tumors. <i>Journal of Nuclear Medicine</i> , 2003, 44, 708-16.	5.0	102
7	Low Bone Mineral Density and Impaired Bone Metabolism in Young Alcoholic Patients Without Liver Cirrhosis: A Cross-sectional Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 375-381.	2.4	86
8	Fat distribution, endocrine and metabolic profile in obese women with and without hirsutism. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 281-286.	3.4	77
9	FDG-PET: procedure guidelines for tumour imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1-1.	6.4	63
10	Image fusion analysis of 99mTc-HYNIC-Tyr3-octreotide SPECT and diagnostic CT using an immobilisation device with external markers in patients with endocrine tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 1440-1451.	6.4	57
11	99mTc-Demotate 1: first data in tumour patients? results of a pilot/phase I study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1211-1219.	6.4	53
12	Thallium-201 gated single-photon emission tomography for the assessment of left ventricular ejection fraction and regional wall motion abnormalities in comparison with two-dimensional echocardiography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 1533-1540.	6.4	51
13	99mTc-EDDA/HYNIC-TOC and 18F-FDG in thyroid cancer patients with negative 131I whole-body scans. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 330-341.	6.4	51
14	The role of selenium, vitamin C, and zinc in benign thyroid diseases and of selenium in malignant thyroid diseases: Low selenium levels are found in subacute and silent thyroiditis and in papillary and follicular carcinoma. <i>BMC Endocrine Disorders</i> , 2008, 8, 2.	2.2	48
15	Organ-specific antibodies against ovary in patients with systemic lupus erythematosus. <i>American Journal of Obstetrics and Gynecology</i> , 1989, 160, 1227-1229.	1.3	42
16	Somatostatin receptor SPECT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 41-51.	6.4	38
17	Z-Score Comparability of Bone Mineral Density Reference Databases for Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4652-4659.	3.6	35
18	Mania caused by a diencephalic lesion. <i>Neuropsychologia</i> , 2002, 40, 245-252.	1.6	33

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19	Autoimmunity and the ovary. Trends in Immunology, 1992, 13, 255-258.	7.5	32
20	Preparation via coligand exchange and characterization of [99mTc-EDDA-HYNIC-D-Phe1,Tyr3]Octreotide (99mTc-EDDA/HYNIC-TOC). Journal of Labelled Compounds and Radiopharmaceuticals, 2003, 46, 307-318.	1.0	31
21	99mTc-N4-[Tyr3]Octreotate Versus 99mTc-EDDA/HYNIC-[Tyr3]Octreotide: An Inpatient Comparison of Two Novel Technetium-99m Labeled Tracers for Somatostatin Receptor Scintigraphy. Cancer Biotherapy and Radiopharmaceuticals, 2004, 19, 73-79.	1.0	30
22	Computed axial tomographyâ€“MIBI image fusion for preoperative localization in primary hyperparathyroidism. American Journal of Surgery, 2004, 187, 383-387.	1.8	30
23	Nutritional treatment of incipient thyroid autoimmune disease. Influence of selenium supplementation on thyroid function and morphology in children and young adults. Clinical Nutrition, 2005, 24, 530-531.	5.0	30
24	A new endocrinological and immunological syndrome in SLE: elevation of human chorionic gonadotropin and of antibodies directed against ovary and endometrium antigens. Lupus, 1995, 4, 39-45.	1.6	29
25	Multimodality Cranial Image Fusion Using External Markers Applied via a Vacuum Mouthpiece and a Case Report. Strahlentherapie Und Onkologie, 2003, 179, 254-260.	2.0	27
26	18F-Fluorodeoxyglucose-positron emission tomography: A new explorative perspective. Experimental Gerontology, 2003, 38, 463-470.	2.8	27
27	Image fusion analysis of 99m Tc-HYNIC-octreotide scintigraphy and CT/MRI in patients with thyroid-associated orbitopathy: the importance of the lacrimal gland. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1155-1159.	6.4	22
28	Gastric carcinoid type I tumour. European Journal of Gastroenterology and Hepatology, 2003, 15, 705-707.	1.6	22
29	The WOMED model of benign thyroid disease: Acquired magnesium deficiency due to physical and psychological stressors relates to dysfunction of oxidative phosphorylation. BBA Clinical, 2015, 3, 44-64.	4.1	22
30	Use of the European preliminary criteria, the Breiman-classification tree and the Americanâ€“European criteria for diagnosis of primary Sjögrenâ€™s Syndrome in daily practice: a retrospective analysis. Rheumatology International, 2007, 27, 699-702.	3.0	20
31	Endocrine Ophthalmopathy in a Patient under Continuous Immunosuppressive Therapy after Cardiac Transplantation. Thyroid, 1995, 5, 477-480.	4.5	18
32	Band Leakage after Laparoscopic Adjustable Gastric Banding. Obesity Surgery, 2003, 13, 913-917.	2.1	18
33	Diagnostic accuracy of basal TSH determinations based on the intravenous TRH stimulation test: An evaluation of 2570 tests and comparison with the literature. BMC Endocrine Disorders, 2007, 7, 5.	2.2	18
34	Immunological risks of IVF. Lancet, The, 1990, 335, 180-180.	13.7	17
35	Technetium-99m human immunoglobulin scintigraphy in psoriatic arthropathy: first results. European Journal of Nuclear Medicine and Molecular Imaging, 1994, 21, 342-344.	2.1	17
36	Thyroid hormone (fT4) reduces lipoprotein(a) plasma levels. Atherosclerosis, 1995, 115, 65-71.	0.8	17

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37	Markers of Bone Resorption and Formation During Abstinence in Male Alcoholic Patients. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 2059-2064.	2.4	17
38	Detection of somatostatin receptor-positive tumours using the new <sup>99m</sup> Tc-tricine-HYNIC-d-Phe1-Tyr3-octreotide: first results in patients and comparison with <sup>111</sup> In-DTPA-D-Phe1-octreotide. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000, 27, 1580-1580.	2.1	16
39	Generalized Large Vessel Arteritis Visualized by <sup>18</sup> F-Fluorodeoxyglucose-Positron Emission Tomography. <i>Circulation</i> , 2003, 107, 923-923.	1.6	15
40	In-vivo visualisation of the anatomical structures related to the acupuncture points Dai mai and Shen mai by MRI: A single-case pilot study. <i>BMC Medical Imaging</i> , 2007, 7, 4.	2.7	14
41	[ <sup>99m</sup> Tc]Demotensin VI: Biodistribution and Initial Clinical Results in Tumor Patients of a Pilot/Phase I Study. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 557-563.	1.0	14
42	Thyroid function parameters in normal pregnancies in an iodine sufficient population. <i>BBA Clinical</i> , 2015, 3, 90-95.	4.1	14
43	Serum levels of anticardiolipin antibodies are pathologically increased after active immunization of patients with recurrent spontaneous abortion. <i>Fertility and Sterility</i> , 1990, 54, 619-623.	1.0	13
44	3D-MRI rendering of the anatomical structures related to acupuncture points of the Dai mai, Yin qiao mai and Yang qiao mai meridians within the context of the WOMED concept of lateral tension: implications for musculoskeletal disease. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 33.	1.9	13
45	Multifactorial determinants of cognition – Thyroid function is not the only one. <i>BBA Clinical</i> , 2015, 3, 289-298.	4.1	13
46	A post-publication analysis of the idealized upper reference value of 2.5 mIU/L for TSH: Time to support the thyroid axis with magnesium and iron especially in the setting of reproduction medicine. <i>BBA Clinical</i> , 2017, 7, 115-119.	4.1	13
47	Brain perfusion scintigraphy with <sup>99m</sup> Tc-HMPAO or <sup>99m</sup> Tc-ECD and <sup>123</sup> I- <sup>125</sup> I-CIT single-photon emission tomography in dementia of the Alzheimer-type and diffuse Lewy body disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 320-325.	6.4	13
48	Exploring the aspect of psychosomatics in hypothyroidism: The WOMED model of body-mind interactions based on musculoskeletal changes, psychological stressors, and low levels of magnesium. <i>Woman - Psychosomatic Gynaecology and Obstetrics</i> , 2014, 1, 1-11.	1.6	12
49	Proof of concept of the WOMED model of benign thyroid disease: Restitution of thyroid morphology after correction of physical and psychological stressors and magnesium supplementation. <i>BBA Clinical</i> , 2015, 3, 113-122.	4.1	12
50	Relationship of eye muscle antibodies with HLA phenotypes and thyroid-stimulating immunoglobulins in endocrine orbitopathy. <i>Research in Experimental Medicine</i> , 1991, 191, 137-144.	0.7	11
51	Evaluation of Applied Kinesiology meridian techniques by means of surface electromyography (sEMG): demonstration of the regulatory influence of antique acupuncture points. <i>Chinese Medicine</i> , 2009, 4, 9.	4.0	11
52	Bone mineral density and bone metabolism in patients with major depressive disorder without somatic comorbidities. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 58-63.	4.8	11
53	The role of magnesium and thyroid function in early pregnancy after in-vitro fertilization (IVF): New aspects in endocrine physiology. <i>BBA Clinical</i> , 2015, 3, 196-204.	4.1	11
54	A musculoskeletal model of low grade connective tissue inflammation in patients with thyroid associated ophthalmopathy (TAO): the WOMED concept of lateral tension and its general implications in disease. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 17.	1.9	10

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55	Workshop report: clinical diagnosis and imaging of sacroiliitis, Innsbruck, Austria, October 9, 2003. Journal of Rheumatology, 2004, 31, 2041-7.	2.0	10
56	New Diagnostic and Therapeutic Approach to Thyroid-Associated Orbitopathy Based on Applied Kinesiology and Homeopathic Therapy. Journal of Alternative and Complementary Medicine, 2004, 10, 643-650.	2.1	9
57	Reference values for thyrotropin. Thyroid, 2005, 15, 1204-5.	4.5	9
58	Insulin binding and internalization in human and chicken erythrocytes and the role of the cell nucleus. Diabetologia, 1985, 28, 61-61.	6.3	8
59	Similar effects of pulsatile and constant intravenous insulin delivery. Diabetes Research and Clinical Practice, 1988, 4, 269-274.	2.8	8
60	Improved Scintigraphic Assessment of Occult Leakages in Adjustable Gastric Bands Using $^{99m}\text{Tc}$ -labelled Human Albumin Colloid. Obesity Surgery, 2001, 11, 502-506.	2.1	6
61	Accuracy of Preoperative Pinhole Subtraction Single Photon Emission Computed Tomography for Patients with Primary and Recurrent Hyperparathyroidism in an Endemic Goiter Area. Surgery Today, 2004, 34, 493-497.	1.5	6
62	F-18 FDG PET for Assessing Tyrosine Kinase-Related Signal Transduction Inhibition in a GIST c-Kit-Positive Tumor Patient by Imatinib. Clinical Nuclear Medicine, 2005, 30, 749-751.	1.3	6
63	Somatostatin receptor scintigraphy using $^{99m}\text{Tc}$ -EDDA/HYNIC-TOC in Graves' disease. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 1267-1267.	6.4	5
64	Applying a systems approach to thyroid physiology: Looking at the whole with a mitochondrial perspective instead of judging single TSH values or why we should know more about mitochondria to understand metabolism. BBA Clinical, 2017, 7, 127-140.	4.1	5
65	Cytokines and the maternal-fetal interface. Trends in Immunology, 1994, 15, 295.	7.5	4
66	Reflections on the theory of "silver bullet" octreotide tracers: implications for ligand-receptor interactions in the age of peptides, heterodimers, receptor mosaics, truncated receptors, and multifractal analysis. EJNMMI Research, 2011, 1, 9.	2.5	4
67	The lack of clinical congruence in diagnosis and research in relation to subclinical hypothyroidism. Fertility and Sterility, 2014, 101, e30.	1.0	4
68	Osteoprotegerin Levels Decrease in Abstinent Alcohol-Dependent Patients. Alcoholism: Clinical and Experimental Research, 2016, 40, 1235-1240.	2.4	3
69	Imaging of the corpus striatum without any activity at $^{18}\text{F}$ -fluorodeoxyglucose PET after intoxication. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 140-140.	6.4	2
70	Decreased selenium levels after peptide receptor radionuclide therapy (PRRT) in patients with neuroendocrine tumours: implications for the antioxidant status. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1580-1581.	6.4	2
71	Global view on the pathogenesis of benign thyroid disease based on historical, experimental, biochemical and genetic data, identifying the role of magnesium, selenium, coenzyme Q10 and iron in the context of the unfolded protein response and protein quality control of thyroglobulin. , 0, , .		1
72	Technetium-99m human immunoglobulin scintigraphy in psoriatic arthropathy: first results. European Journal of Nuclear Medicine and Molecular Imaging, 1994, 21, 342.	2.1	0

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73	Methodological considerations influence the clinical value of parathyroid localisation diagnostics. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 942-943.	2.1	0
74	<sup>99m</sup> Tc-EDDA/HYNIC-TOC scintigraphy in oncological diagnostics: methodological considerations. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 303-303.	6.4	0
75	The complexities of receptor binding. Fertility and Sterility, 2008, 90, 465.	1.0	0
76	Inadequate description of an acupuncture treatment study for polycystic ovaries. Fertility and Sterility, 2012, 97, e20.	1.0	0
77	Thyroid Sonography in 3D with Emphasis on Perfusion. , 0, , .		0
78	Practical Guidelines for Diagnosing and Treating Thyroid Disease Based on the WOMED Metabolic Model of Disease Focusing on Glycolysis and Coenzyme Q10 Deficiencyâ€”A Clinical Alternative to the 2021 Retired Clinical Practice Guidelines of the Endocrine Society. Diagnostics, 2022, 12, 107.	2.6	0