

# Ernesto A Roldn-Valadez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87 papers	771 citations	14 h-index	24 g-index
106 ext. papers	1,023 ext. citations	5 avg, IF	4.39 L-index

#	Paper	IF	Citations
87	Current concepts on bibliometrics: a brief review about impact factor, Eigenfactor score, CiteScore, SCImago Journal Rank, Source-Normalised Impact per Paper, H-index, and alternative metrics. <i>Irish Journal of Medical Science</i> , <b>2019</b> , 188, 939-951	1.9	78
86	Imaging techniques for assessing hepatic fat content in nonalcoholic fatty liver disease. <i>Annals of Hepatology</i> , <b>2008</b> , 7, 212-220	3.1	75
85	In vivo 3T spectroscopic quantification of liver fat content in nonalcoholic fatty liver disease: Correlation with biochemical method and morphometry. <i>Journal of Hepatology</i> , <b>2010</b> , 53, 732-7	13.4	59
84	Diagnostic performance of regional DTI-derived tensor metrics in glioblastoma multiforme: simultaneous evaluation of p, q, L, Cl, Cp, Cs, RA, RD, AD, mean diffusivity and fractional anisotropy. <i>European Radiology</i> , <b>2013</b> , 23, 1112-21	8	30
83	Neuroanatomy of episodic and semantic memory in humans: a brief review of neuroimaging studies. <i>Neurology India</i> , <b>2012</b> , 60, 613-7	0.7	27
82	Impact factor correlations with Scimago Journal Rank, Source Normalized Impact per Paper, Eigenfactor Score, and the CiteScore in Radiology, Nuclear Medicine & Medical Imaging journals. <i>Radiologia Medica</i> , <b>2019</b> , 124, 495-504	6.5	25
81	Gender and age groups interactions in the quantification of bone marrow fat content in lumbar spine using 3T MR spectroscopy: a multivariate analysis of covariance (Mancova). <i>European Journal of Radiology</i> , <b>2013</b> , 82, e697-702	4.7	23
80	Zinc sulfate inhibits the enterohepatic cycling of unconjugated bilirubin in subjects with Gilbert's syndrome. <i>Annals of Hepatology</i> , <b>2002</b> , 1, 40-43	3.1	22
79	Eigenfactor score and alternative bibliometrics surpass the impact factor in a 2-years ahead annual-citation calculation: a linear mixed design model analysis of Radiology, Nuclear Medicine and Medical Imaging journals. <i>Radiologia Medica</i> , <b>2018</b> , 123, 524-534	6.5	19
78	Imaging techniques for assessing hepatic fat content in nonalcoholic fatty liver disease. <i>Annals of Hepatology</i> , <b>2008</b> , 7, 212-20	3.1	19
77	Subdural hematoma in a teenager related to roller-coaster ride. <i>European Journal of Paediatric Neurology</i> , <b>2006</b> , 10, 194-6	3.8	16
76	Cholesterolosis is not associated with high cholesterol levels in patients with and without gallstone disease. <i>Journal of Clinical Gastroenterology</i> , <b>1997</b> , 25, 518-21	3	16
75	Global diffusion tensor imaging derived metrics differentiate glioblastoma multiforme vs. normal brains by using discriminant analysis: introduction of a novel whole-brain approach. <i>Radiology and Oncology</i> , <b>2014</b> , 48, 127-36	3.8	15
74	Alternative bibliometrics from the web of knowledge surpasses the impact factor in a 2-year ahead annual citation calculation: Linear mixed-design models' analysis of neuroscience journals. <i>Neurology India</i> , <b>2018</b> , 66, 96-104	0.7	15
73	Choline-to-N-acetyl aspartate and lipids-lactate-to-creatine ratios together with age assemble a significant Cox's proportional-hazards regression model for prediction of survival in high-grade gliomas. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20150502	3.4	14
72	Zinc salts precipitate unconjugated bilirubin in vitro and inhibit enterohepatic cycling of bilirubin in hamsters. <i>European Journal of Clinical Investigation</i> , <b>2001</b> , 31, 773-80	4.6	14
71	Breast Prosthesis Syndrome: Pathophysiology and Management Algorithm. <i>Aesthetic Plastic Surgery</i> , <b>2020</b> , 44, 1423-1437	2	13

70	Alternative bibliometrics from impact factor improved the esteem of a journal in a 2-year-ahead annual-citation calculation: multivariate analysis of gastroenterology and hepatology journals. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2015</b> , 27, 115-22	2.2	12
69	Diagnostic performance of PWI/DWI MRI parameters in discriminating hyperacute versus acute ischaemic stroke: finding the best thresholds. <i>Clinical Radiology</i> , <b>2012</b> , 67, 250-7	2.9	12
68	Feasibility of in vivo quantitative magnetic resonance imaging with diffusion weighted imaging, T2-weighted relaxometry, and diffusion tensor imaging in a clinical 3 tesla magnetic resonance scanner for the acute traumatic spinal cord injury of rats: technical note. <i>Spine</i> , <b>2013</b> , 38, E1242-9	3.3	12
67	Dietary Sources of Fructose and Its Association with Fatty Liver in Mexican Young Adults. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	11
66	(18)F-FDG PET/CT for discrimination between tumor extension and blood thrombus in pancreatic adenocarcinoma associated with portal vein thrombosis. <i>Revista Española De Medicina Nuclear</i> , <b>2008</b> , 27, 40-4		11
65	Metabolic Score for Visceral Fat (METS-VF), a novel estimator of intra-abdominal fat content and cardio-metabolic health. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1613-1621	5.9	11
64	Dapsone improves functional deficit and diminishes brain damage evaluated by 3-Tesla magnetic resonance image after transient cerebral ischemia and reperfusion in rats. <i>Brain Research</i> , <b>2016</b> , 1646, 384-392	3.7	10
63	Comparisons of Apparent Diffusion Coefficient Values in Penumbra, Infarct, and Normal Brain Regions in Acute Ischemic Stroke: Confirmatory Data Using Bootstrap Confidence Intervals, Analysis of Variance, and Analysis of Means. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 515-22	2.8	10
62	3D volumetry comparison using 3T magnetic resonance imaging between normal and adenoma-containing pituitary glands. <i>Neurology India</i> , <b>2011</b> , 59, 696-9	0.7	10
61	The SLC16A11 risk haplotype is associated with decreased insulin action, higher transaminases and large-size adipocytes. <i>European Journal of Endocrinology</i> , <b>2019</b> , 180, 99-107	6.5	10
60	Pre-operative apparent diffusion coefficient values and tumour region volumes as prognostic biomarkers in glioblastoma: correlation and progression-free survival analyses. <i>Insights Into Imaging</i> , <b>2019</b> , 10, 36	5.6	9
59	Secondary MRI-findings, volumetric and spectroscopic measurements in mesial temporal sclerosis: a multivariate discriminant analysis. <i>Swiss Medical Weekly</i> , <b>2012</b> , 142, w13549	3.1	9
58	Non-resected solid papillary epithelial tumor of the pancreas: 18F-FDG PET/CT evaluation at 5 years after diagnosis. <i>Revista Española De Medicina Nuclear</i> , <b>2007</b> , 26, 160-4		9
57	Main effect and interactions of brain regions and gender in the calculation of volumetric asymmetry indices in healthy human brains: ANCOVA analyses of in vivo 3T MRI data. <i>Anatomical Record</i> , <b>2013</b> , 296, 1913-22	2.1	8
56	Asymptomatic true gallbladder duplication: a case report and review of the literature. <i>Acta Radiologica</i> , <b>2004</b> , 45, 810-4	2	8
55	Zinc sulfate inhibits the enterohepatic cycling of unconjugated bilirubin in subjects with Gilbert's syndrome. <i>Annals of Hepatology</i> , <b>2002</b> , 1, 40-3	3.1	8
54	Delayed injection of polypyrrole doped with iodine particle suspension after spinal cord injury in rats improves functional recovery and decreased tissue damage evaluated by 3.0 Tesla in vivo magnetic resonance imaging. <i>Spine Journal</i> , <b>2017</b> , 17, 562-573	4	7
53	Imaging diagnosis of subclavian steal syndrome secondary to Takayasu arteritis affecting a left-side subclavian artery. <i>Archives of Medical Research</i> , <b>2003</b> , 34, 433-8	6.6	7

52	Global fractional anisotropy and mean diffusivity together with segmented brain volumes assemble a predictive discriminant model for young and elderly healthy brains: a pilot study at 3T. <i>Functional Neurology</i> , <b>2016</b> , 31, 39-46	2.2	7
51	Portopulmonary Hypertension: Prevalence, Clinical and Hemodynamic Features. <i>Current Problems in Cardiology</i> , <b>2021</b> , 46, 100747	17.1	7
50	Selected Gray Matter Volumes and Gender but Not Basal Ganglia nor Cerebellum Gyri Discriminate Left Versus Right Cerebral Hemispheres: Multivariate Analyses in human Brains at 3T. <i>Anatomical Record</i> , <b>2015</b> , 298, 1336-46	2.1	6
49	3T MRI and 128-slice dual-source CT cisternography images of the cranial nerves a brief pictorial review for clinicians. <i>Clinical Anatomy</i> , <b>2014</b> , 27, 31-45	2.5	6
48	Early MRI findings of central pontine myelinolysis following "rapid" correction of hyponatraemia during diabetic ketoacidosis. A curious pontine lesion (2003:12b). <i>European Radiology</i> , <b>2004</b> , 14, 549-51	8	6
47	Clinical Significance of Fractional Anisotropy Measured in Peritumoral Edema as a Biomarker of Overall Survival in Glioblastoma: Evidence Using Correspondence Analysis. <i>Neurology India</i> , <b>2019</b> , 67, 1074-1081	0.7	5
46	Partial correlation analyses of global diffusion tensor imaging-derived metrics in glioblastoma multiforme: Pilot study. <i>World Journal of Radiology</i> , <b>2015</b> , 7, 405-14	2.9	5
45	Severe Pulmonary Hypertension: An Important Sequel After Severe Post-Acute COVID-19 Pneumonia. <i>Current Problems in Cardiology</i> , <b>2021</b> , 47, 101004	17.1	5
44	Whole-body (18)F-FDG PET/CT in primary non-Hodgkin's lymphoma of the thyroid associated with Hashimoto's thyroiditis and bilateral kidney infiltration. <i>Revista Española De Medicina Nuclear</i> , <b>2008</b> , 27, 34-9		4
43	Correlations between DTI-derived metrics and MRS metabolites in tumour regions of glioblastoma: a pilot study. <i>Radiology and Oncology</i> , <b>2020</b> , 54, 394-408	3.8	4
42	Radial diffusivity is the best global biomarker able to discriminate healthy elders, mild cognitive impairment, and Alzheimer's disease: A diagnostic study of DTI-derived data. <i>Neurology India</i> , <b>2020</b> , 68, 427-434	0.7	4
41	Quantitative systematic review: Methods used for the in vivo measurement of body composition in pregnancy. <i>Journal of Advanced Nursing</i> , <b>2021</b> , 77, 537-549	3.1	4
40	Diffusion tensor imaging-derived measures of fractional anisotropy across the pyramidal tract are influenced by the cerebral hemisphere but not by gender in young healthy volunteers: a split-plot factorial analysis of variance. <i>Chinese Medical Journal</i> , <b>2012</b> , 125, 2180-7	2.9	4
39	Imaging methods used in the assessment of environmental disease networks: a brief review for clinicians. <i>Insights Into Imaging</i> , <b>2020</b> , 11, 18	5.6	3
38	Tomographic findings in traumatic globe evulsion caused by blunt head trauma. <i>British Journal of Radiology</i> , <b>2007</b> , 80, e247-9	3.4	3
37	Mexican ENARM: performance comparison of public vs. private medical schools, geographic and socioeconomic regions. <i>Salud Publica De Mexico</i> , <b>2019</b> , 61, 637-647	1.7	3
36	Reference Percentiles and Changes over Time for Total Thyroxine in Preterm Infants: A Retrospective Cohort Study. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	3
35	Perfusion volume correlates, percentage of involution, and clinical efficacy at diverse follow-up survey times after MR-guided focused ultrasound surgery in uterine fibroids: first report in a Mexican mestizo population. <i>European Radiology</i> , <b>2015</b> , 25, 2905-12	8	2

34	Panaortitis diagnosed by 18F-FDG PET/CT scan in a patient with diffuse large B-cell lymphoma. <i>Revista Española De Medicina Nuclear</i> , <b>2007</b> , 26, 232-3		2
33	Current concepts on magnetic resonance imaging (MRI) perfusion-diffusion assessment in acute ischaemic stroke: a review & an update for the clinicians. <i>Indian Journal of Medical Research</i> , <b>2014</b> , 140, 717-28	2.9	2
32	Correlation between Chest X-Ray Severity in COVID-19 and Age in Mexican-Mestizo Patients: An Observational Cross-Sectional Study. <i>BioMed Research International</i> , <b>2021</b> , 2021, 5571144	3	2
31	Diagnostic performance of CT densities in selected gray- and white-matter regions for the clinical diagnosis of brain death: A retrospective study in a tertiary-level general hospital. <i>European Journal of Radiology</i> , <b>2018</b> , 108, 66-77	4.7	2
30	Comparison of scores achieved by foreign medical graduates in the (ENARM) in Mexico. <i>Postgraduate Medical Journal</i> , <b>2020</b> , 96, 108-109	2	1
29	Invited Response on: Perceptions of Silicone Structure and Function. <i>Aesthetic Plastic Surgery</i> , <b>2020</b> , 44, 1917-1918	2	1
28	Incidental finding of horseshoe kidneys in whole-body 18F-FDG PET/CT evaluation. <i>Revista Española De Medicina Nuclear</i> , <b>2007</b> , 26, 105-6		1
27	Review of the myelodysplastic syndrome as a cause of group V pulmonary arterial hypertension: an orphan disease in an orphan pulmonary hypertension group.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101110	17.1	1
26	Comparison between Mexican and International Medical Graduates' scores obtained in the ENARM competing for surgical specialties in Mexico during 2012-2019: data visualization, trend and forecasting analyses. <i>Cirugía Y Cirujanos</i> , <b>2021</b> , 89, 22-32	0.3	1
25	Main effects and interactions of cerebral hemispheres, gender, and age in the calculation of volumes and asymmetries of selected structures of episodic memory. <i>Functional Neurology</i> , <b>2016</b> , 31, 257-264	2.2	1
24	Functional MRI evince the safety and efficacy of umbilical cord blood cells therapy in patients with schizophrenia. <i>Schizophrenia Research</i> , <b>2020</b> , 224, 175-177	3.6	1
23	Imaging Assessment of the Postoperative Spine: An Updated Pictorial Review of Selected Complications. <i>BioMed Research International</i> , <b>2021</b> , 2021, 9940001	3	1
22	Global research trends in COVID-19 with MRI and PET/CT: a scoping review with bibliometric and network analyses. <i>Clinical and Translational Imaging</i> , <b>2021</b> , 1-15	2	1
21	Variability of apparent diffusion coefficients in metastatic small cell lung carcinoma: comparisons between-within normal tissue and liver metastases. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 297-302	3.1	1
20	Review of functional status and hemodynamic parameters in patients diagnosed with Chronic Thromboembolic Pulmonary Hypertension (CTEPH) with and without Antiphospholipid Syndrome (APLS).. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101154	17.1	1
19	Chronic thromboembolic pulmonary hypertension (CTEPH): a review of another sequel of severe post-Covid-19 pneumonia.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101187	17.1	1
18	Pulmonary embolism (PE) prevalence in Mexican-mestizo patients with severe SARS-COV-2 (COVID-19) pneumonia at a tertiary-level hospital: A review.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101208	17.1	1
17	Air and thrombotic venous embolism in a department of Emergency Medicine. A literature review.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101248	17.1	1

16	High Flow Nasal Cannula Oxygenation Successfully Used as Bridge Therapy for Systemic Thrombolysis in COVID-19 Associated Intermediate-high Risk Pulmonary Embolism. <i>Current Problems in Cardiology</i> , <b>2021</b> , 101000	17.1	0
15	Pulmonary Thromboendarterectomy in Klinefelter Syndrome. Literature Review. <i>Current Problems in Cardiology</i> , <b>2021</b> , 101003	17.1	0
14	Evaluation of hepatic hemodynamics (hepatic venous pressure gradient) during right heart catheterization: a comprehensive review.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 47, 101278	17.1	0
13	A Brief Review on Gender Differences in Mexican-Mestizo Patients with Pulmonary Arterial Hypertension (PAH) at a Tertiary-Level Hospital.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 47, 101275	17.1	0
12	Imaging Anatomy of the Cranial Nerves <b>2015</b> , 173-193		
11	Re: Diagnostic performance of PWI/DWI MRI parameters in discriminating hyper-acute versus acute ischaemic stroke: Finding the best thresholds. A reply. <i>Clinical Radiology</i> , <b>2012</b> , 67, 1218-1219	2.9	
10	MRI Visualization and Distribution Patterns of Foreign Modeling Agents: A Brief Pictorial Review for Clinicians. <i>BioMed Research International</i> , <b>2021</b> , 2021, 2838246	3	
9	Images in Vascular Medicine: Multiple Rasmussen aneurysms in noncavitary, multidrug-resistant tuberculosis. <i>Vascular Medicine</i> , <b>2021</b> , 1358863X211056681	3.3	
8	Basic principles of mathematical growth modeling applied to high-grade gliomas: A brief clinical review for clinicians. <i>Neurology India</i> , <b>2018</b> , 66, 1575-1583	0.7	
7	Free Area of the Spinal Canal and Torg's Ratio in Acute Cervical Trauma and Degenerative Disease: MANCOVA and Correlational Analyses. <i>Current Medical Imaging</i> , <b>2021</b> , 17, 366-373	1.2	
6	Takayasu's Arteritis as a Rare Cause of Group 4 Pulmonary Hypertension. <i>Current Problems in Cardiology</i> , <b>2021</b> , 47, 101008	17.1	
5	Hepatic angiosarcoma. <i>Annals of Hepatology</i> , <b>2005</b> , 4, 60-1	3.1	
4	Fused PET/CT images in hepatocarcinoma. <i>Annals of Hepatology</i> , <b>2006</b> , 5, 164-5	3.1	
3	Review of acute leukemia as a new cause of dual thrombosis (pulmonary vein thrombosis and pulmonary embolism).. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101157	17.1	
2	Cost analysis of drug treatment in hypertensive patients at social security health care family medicine units.. <i>Salud Publica De Mexico</i> , <b>2022</b> , 64, 188-195	1.7	
1	A review of the usefulness of catheter-directed thrombolysis for pulmonary embolism.. <i>Current Problems in Cardiology</i> , <b>2022</b> , 101197	17.1	