

Antonio BuÃ‘o Soto

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,827
citations

516561

16
h-index

289141

40
g-index

82
all docs

82
docs citations

82
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. <i>Lancet</i> , The, 2021, 398, 121-130.	6.3	316
2	A Cohort of Patients with COVID-19 in a Major Teaching Hospital in Europe. <i>Journal of Clinical Medicine</i> , 2020, 9, 1733.	1.0	218
3	Heart failure in COVID-19 patients: prevalence, incidence and prognostic implications. <i>European Journal of Heart Failure</i> , 2020, 22, 2205-2215.	2.9	173
4	Classification, prevalence, and outcomes of anticancer therapy-induced cardiotoxicity: the CARDIOTOX registry. <i>European Heart Journal</i> , 2020, 41, 1720-1729.	1.0	154
5	The Spectrum of Hypoxanthine-Guanine Phosphoribosyltransferase (HPRT) Deficiency. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Ov</i>	0.4	108
6	Bone mineral density and inflammatory and bone biomarkers after darunavir+ritonavir combined with either raltegravir or tenofovir+emtricitabine in antiretroviral-naive adults with HIV-1: a substudy of the NEAT001/ANRS143 randomised trial. <i>Lancet HIV</i> , the, 2015, 2, e464-e473.	2.1	69
7	Characterization of NT-proBNP in a large cohort of COVID-19 patients. <i>European Journal of Heart Failure</i> , 2021, 23, 456-464.	2.9	68
8	Effect of eprosartan and losartan on uric acid metabolism in patients with essential hypertension. <i>Journal of Hypertension</i> , 1999, 17, 1033-1039.	0.3	61
9	Phase 1 study of two inodilators in neonates undergoing cardiovascular surgery. <i>Pediatric Research</i> , 2013, 73, 95-103.	1.1	55
10	sFlt-1/PlGF for prediction of early-onset pre-eclampsia: STEPS (Study of Early Pre-eclampsia in Spain). <i>Ultrasound in Obstetrics and Gynecology</i> , 2017, 50, 373-382.	0.9	55
11	Micronutrient Deficiencies and Related Factors in School-Aged Children in Ethiopia: A Cross-Sectional Study in Libo Kemkem and Fogera Districts, Amhara Regional State. <i>PLoS ONE</i> , 2014, 9, e112858.	1.1	47
12	Procalcitonin-guided therapy may reduce length of antibiotic treatment in intensive care unit patients with secondary peritonitis: A multicenter retrospective study. <i>Journal of Critical Care</i> , 2015, 30, 537-542.	1.0	35
13	Serum Leptin Concentration is Associated with Incident Frailty in Older Adults. , 2017, 8, 240.		35
14	A randomized trial of intravenous glutamine supplementation in trauma ICU patients. <i>Intensive Care Medicine</i> , 2014, 40, 539-547.	3.9	33
15	Minimum analytical quality specifications of inter-laboratory comparisons: agreement among Spanish EQAP organizers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 455-61.	1.4	26
16	Cardiovascular risk factors during cancer treatment. Prevalence and prognostic relevance: insights from the CARDIOTOX registry. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 859-868.	0.8	25
17	Interindividual variability of hemolysis in plasma samples during pneumatic tube system transport. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, e231-e233.	1.4	19
18	Serum uric acid concentrations and risk of frailty in older adults. <i>Experimental Gerontology</i> , 2016, 82, 160-165.	1.2	19

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19	Potential over request in anemia laboratory tests in primary care in Spain. <i>Hematology</i> , 2015, 20, 368-373.	0.7	16
20	Multi-site performance evaluation and Sigma metrics of 20 assays on the Atellica chemistry and immunoassay analyzers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 58, 59-68.	1.4	16
21	Prediction of thromboembolic events and mortality by the CHADS2 and the CHA2DS2-VASc in COVID-19. <i>Europace</i> , 2021, 23, 937-947.	0.7	15
22	A deep learning approach for predicting severity of COVID-19 patients using a parsimonious set of laboratory markers. <i>IScience</i> , 2021, 24, 103523.	1.9	15
23	A study of the differences in the request of glycated hemoglobin in primary care in Spain: A global, significant, and potentially dangerous under-request. <i>Clinical Biochemistry</i> , 2014, 47, 1104-1107.	0.8	14
24	Purine metabolism in female heterozygotes for hypoxanthine-guanine phosphoribosyltransferase deficiency. <i>European Journal of Clinical Investigation</i> , 1998, 28, 950-957.	1.7	13
25	Metabolic syndrome and Growth Differentiation Factor 15 in older adults. <i>GeroScience</i> , 2021, , 1.	2.1	13
26	Comparison of immunofluorescence with enzyme immunoassay for detection of Q fever. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1996, 15, 749-752.	1.3	12
27	Consenso sobre especificaciones m�nimas de la calidad anal�tica. <i>Revista Del Laboratorio Cl�nico</i> , 2008, 1, 35-39.	0.1	11
28	Cin�tica de la enolasa neuroespec�fica: una herramienta adicional para el pron�stico neurol�gico despu�s de una parada cardiaca. <i>Revista Espanola De Cardiologia</i> , 2020, 73, 123-130.	0.6	11
29	Can we identify individuals with an ALPL variant in adults with persistent hypophosphatasaemia?. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 51.	1.2	10
30	Characterization of myocardial injury in a cohort of patients with SARS-CoV-2 infection. <i>Medicina Cl�nica</i> , 2021, 157, 274-280.	0.3	10
31	Analytical Performance Evaluation and Comparability of Patient Results Within a Point-of-Care Blood Gas Network. <i>Point of Care</i> , 2013, 12, 144-149.	0.5	9
32	Clinical, operational and economic outcomes of point-of-care blood gas analysis in COPD patients. <i>Clinical Biochemistry</i> , 2015, 48, 412-418.	0.8	9
33	Real-world use of key performance indicators for point-of-Care Testing network accredited by ISO 22870. <i>Practical Laboratory Medicine</i> , 2020, 22, e00188.	0.6	9
34	Healthy dietary patterns are associated with lower concentrations of growth differentiation factor 15 in older adults. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1619-1626.	2.2	9
35	Baseline Cortisol Levels, Total Proteins, and Eosinophil Count as Predictors of Hemodynamic Response to Steroid Treatment in Septic Shock. <i>Journal of Trauma</i> , 2009, 66, 1060-1064.	2.3	7
36	Solicitud de pruebas de funci�n tiroidea desde Atenci�n Primaria en Espa�a. <i>Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion</i> , 2016, 63, 19-26.	0.8	7

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37	Neuron-specific enolase kinetics: an additional tool for neurological prognostication after cardiac arrest. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 123-130.	0.4	7
38	Actuación del laboratorio ante la obtención de valores críticos. <i>Revista Del Laboratorio Clínico</i> , 2010, 3, 80-86.	0.1	6
39	Plasma acylcarnitines and risk of lower-extremity functional impairment in older adults: a nested case-control study. <i>Scientific Reports</i> , 2021, 11, 3350.	1.6	6
40	Androgen Deprivation Therapy in Patients With Prostate Cancer Increases Serum Levels of Thromboxane A2: Cardiovascular Implications. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 653126.	1.1	6
41	Influencia del tratamiento con estatinas en una cohorte de pacientes ingresados por COVID-19. <i>Medicina Clínica</i> , 2022, 158, 586-595.	0.3	5
42	Long-term within- and between-subject biological variation of 29 routine laboratory measurands in athletes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 618-628.	1.4	5
43	The importance of having a flexible scope ISO 15189 accreditation and quality specifications based on biological variation – the case of validation of the biochemistry analyzer Dimension Vista. <i>Biochemia Medica</i> , 2013, 23, 83-95.	1.2	4
44	The Laboratory Medicine and the care of patients infected by the Ebola virus. Experience in a reference hospital of Madrid, Spain. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 1903-10.	1.4	4
45	Effect of the route of nutrition and l-alanyl-l-glutamine supplementation in amino acids concentration in trauma patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 869-876.	0.8	4
46	Experience on how to implement a preanalytical and POCT unit in Madrid's IFEMA field hospital during this unprecedented COVID-19 emergency. <i>Biochemia Medica</i> , 2020, 30, 360-362.	1.2	4
47	Plasma Amino Acids and Risk of Impaired Lower-Extremity Function and Role of Dietary Intake: A Nested Case-Control Study in Older Adults. <i>Gerontology</i> , 2022, 68, 181-191.	1.4	3
48	Characterization of myocardial injury in a cohort of patients with SARS-CoV-2 infection. <i>Medicina Clínica (English Edition)</i> , 2021, 157, 274-280.	0.1	3
49	Biological variation of venous acid-base status measurands in athletes. <i>Clinica Chimica Acta</i> , 2021, 523, 497-503.	0.5	3
50	POCT Accreditation ISO 15189 and ISO 22870: Making the Point. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2021, 32, 131-139.	0.7	3
51	A randomized trial of intravenous glutamine supplementation in trauma ICU patients: response to the comments by Ozcelik et al.. <i>Intensive Care Medicine</i> , 2014, 40, 1397-1397.	3.9	2
52	Vitamin K interference in the measurement of plasma ammonia. <i>Journal of Clinical Pathology</i> , 2016, 69, 458-459.	1.0	2
53	Analytical Evaluation of ABL90 Flex Plus Blood Gas Analyzer for Urea and Creatinine. <i>Point of Care</i> , 2020, 19, 37-42.	0.5	2
54	FGF23: de la nefrología de salón a la cabecera del paciente. <i>Nefrología</i> , 2021, 41, 276-283.	0.2	2

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55	Efficacy of a fast-track pathway for managing uncomplicated renal or ureteral colic in a hospital emergency department: the STONE randomized clinical trial of Sonography and Testing of a Nephrolithiasis Episode. <i>Emergencias</i> , 2021, 33, 23-28.	0.6	2
56	Revisión de valores crticos obtenidos en gasometras realizadas en el lugar de asistencia al paciente. <i>Revista Del Laboratorio Clnico</i> , 2009, 2, 94-98.	0.1	1
57	Blood Gases, Electrolytes, and Metabolites Point-of-Care Testing at La Paz University Hospital. <i>Point of Care</i> , 2009, 8, 135-137.	0.5	1
58	Practice in financial support of third party organised conferences and courses at a national level for health care professionals in Europe. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1319-1328.	1.4	1
59	Increases in High-Sensitivity Cardiac Troponin I in Athletes during a Long-Term Period of Routine Training Out of Competition. <i>Clinical Chemistry</i> , 2020, 66, 1109-1111.	1.5	1
60	Should clinical laboratories adapt to the reality of chronic kidney disease in the determination of parathyroid hormone?. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2021, 2, 342-351.	0.1	1
61	Early Detection of Chemotherapy- Induced Cardiotoxicity in Hematological Patients: A Prospective Study. <i>Blood</i> , 2016, 128, 5988-5988.	0.6	1
62	The role of laboratory medicine specialists in the COVID-19 pandemic. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2020, 1, .	0.1	1
63	Cadmium exposure and growth differentiation factor-15 (GDF-15) levels in non-smoking older adults. <i>Environmental Research</i> , 2021, 206, 112250.	3.7	1
64	Screening Protocol and Prevalence of Venous Thromboembolic Disease in Hospitalized Patients With COVID -19. <i>Journal of Ultrasound in Medicine</i> , 2021, , .	0.8	1
65	El profesional de la Medicina de Laboratorio ante la pandemia por COVID-19. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2020, 1, .	0.1	1
66	Los errores en las pruebas de cabecera pueden resultar en falsos niveles de potasio. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2022, .	0.1	1
67	Reply: Analytical Performance Requirements for Biomarker-based Studies Evaluating Continuous Positive Airway Pressure Effects in Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 523-524.	2.5	0
68	Potential risk for inappropriate dyslipidemia screening in Primary Care in Spain. <i>Revista Del Laboratorio Clnico</i> , 2016, 9, 48-53.	0.1	0
69	Protocolo diagnstico de la miocardiopata secundaria a tratamientos oncolgicos. <i>Medicine</i> , 2017, 12, 2593-2595.	0.0	0
70	Plasma Ceramides and Risk of Impaired Lower-Extremity Function in Older Adults: A Nested CaseControl Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1280-1287.	1.7	0
71	A Deep Learning Approach for Predicting Severity of COVID-19 Patients Using a Parsimonious Set of Laboratory Markers. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
72	Debemos adaptarnos los laboratorios clnicos a la realidad del paciente con enfermedad renal crnica en la cuantificacin de la hormona paratiroidea?. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2021, 2, 332-341.	0.1	0

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73	Estudio de la estabilidad de la actividad lactato deshidrogenasa en plasma a distintas temperaturas: conservación post-analítica. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2020, 1, .	0.1	0
74	Perfiles analíticos pre-configurados en insuficiencia cardiaca: implementación y uso en el Sistema Nacional de Salud Español. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2022, 3, 71-78.	0.1	0
75	POCT errors can lead to false potassium results. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, .	0.1	0
76	Differences in glomerular filtration rate estimated with the new eGFRcr CKD EPI age and sex 2021 vs. the eGFRcr CKD EPI 2009 formula. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2022, 3, 313-314.	0.1	0
77	Diferencias en la estimación del filtrado glomerular usando la nueva fórmula eGFRcr CKD EPI AS 2021 vs. eGFRcr CKD EPI 2009. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2022, 3, 315-316.	0.1	0