

Geraldo Picheth

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,617
citations

257357

24
h-index

360920

35
g-index

103
all docs

103
docs citations

103
times ranked

1719
citing authors

#	ARTICLE	IF	CITATIONS
1	Butyrylcholinesterase activity and risk factors for coronary artery disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2002, 62, 399-404.	0.6	87
2	Virulence characteristics and antimicrobial susceptibility of uropathogenic <i>Escherichia coli</i> strains. <i>Genetics and Molecular Research</i> , 2011, 10, 4114-4125.	0.3	68
3	Pre-analytical phase management: a review of the procedures from patient preparation to laboratory analysis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 153-163.	0.6	63
4	Laboratory Diagnostics and Quality of Blood Collection / Laboratorijska Dijagnostika I Kvalitet Uzimanja Uzoraka Krvi. <i>Journal of Medical Biochemistry</i> , 2015, 34, 288-294.	0.7	61
5	Influence of a light meal on routine haematological tests. <i>Blood Transfusion</i> , 2010, 8, 94-9.	0.3	59
6	CARD15 and IL23R influences Crohn's disease susceptibility but not disease phenotype in a Brazilian population. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 674-679.	0.9	52
7	New ways to deal with known preanalytical issues: use of transilluminator instead of tourniquet for easing vein access and eliminating stasis on clinical biochemistry. <i>Biochemia Medica</i> , 2011, 21, 152-159.	1.2	51
8	Influence of a Regular, Standardized Meal on Clinical Chemistry Analytes. <i>Annals of Laboratory Medicine</i> , 2012, 32, 250-256.	1.2	50
9	Impact of the phlebotomy training based on CLSI/NCCLS H03-A6 "procedures for the collection of diagnostic blood. <i>Biochemia Medica</i> , 2012, 22, 342-351.	1.2	50
10	Suitability of a transport box for blood sample shipment over a long period. <i>Clinical Biochemistry</i> , 2011, 44, 1028-1029.	0.8	49
11	Transillumination: a new tool to eliminate the impact of venous stasis during the procedure for the collection of diagnostic blood specimens for routine haematological testing. <i>International Journal of Laboratory Hematology</i> , 2011, 33, 457-462.	0.7	46
12	Elimination of the venous stasis error for routine coagulation testing by transillumination. <i>Clinica Chimica Acta</i> , 2011, 412, 1482-1484.	0.5	39
13	Type 2 diabetes-associated genetic variants of FTO, LEPR, PPAR γ , and TCF7L2 in gestational diabetes in a Brazilian population. <i>Archives of Endocrinology and Metabolism</i> , 2017, 61, 238-248.	0.3	36
14	The plasma logarithm of the triglyceride/HDL-cholesterol ratio is a predictor of low risk gestational diabetes in early pregnancy. <i>Clinica Chimica Acta</i> , 2013, 418, 1-4.	0.5	35
15	Different manufacturers of syringes: A new source of variability in blood gas, acid-base balance and related laboratory test?. <i>Clinical Biochemistry</i> , 2012, 45, 683-687.	0.8	34
16	The effective reduction of tourniquet application time after minor modification of the CLSI H03-A6 blood collection procedure. <i>Biochemia Medica</i> , 2013, 23, 308-315.	1.2	33
17	Preanalytical management: serum vacuum tubes validation for routine clinical chemistry. <i>Biochemia Medica</i> , 2012, 22, 180-186.	1.2	33
18	Autochthonous yeasts with β -glucosidase activity increase resveratrol concentration during the alcoholic fermentation of <i>Vitis labrusca</i> grape must. <i>Journal of Functional Foods</i> , 2015, 19, 288-295.	1.6	31

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19	Effects of vigorous mixing of blood vacuum tubes on laboratory test results. <i>Clinical Biochemistry</i> , 2013, 46, 250-254.	0.8	29
20	Sodium citrate vacuum tubes validation. <i>Blood Coagulation and Fibrinolysis</i> , 2013, 24, 252-255.	0.5	29
21	The C ₅ Isozyme of Serum Cholinesterase and Adult Weight. <i>Human Heredity</i> , 1991, 41, 330-339.	0.4	28
22	Could light meal jeopardize laboratory coagulation tests?. <i>Biochemia Medica</i> , 2014, 24, 343-349.	1.2	28
23	The γ 374A allele of the receptor for advanced glycation end products (RAGE) gene promoter is a protective factor against cardiovascular lesions in type 2 diabetes mellitus patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1268-72.	1.4	25
24	Incorrect order of draw could be mitigate the patient safety: a phlebotomy management case report. <i>Biochemia Medica</i> , 2013, 23, 218-223.	1.2	25
25	RAGE receptor and its soluble isoforms in diabetes mellitus complications. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2013, 49, 97-108.	0.3	23
26	Polymorphisms in FTO and TCF7L2 genes of Euro-Brazilian women with gestational diabetes. <i>Clinical Biochemistry</i> , 2015, 48, 1064-1067.	0.8	23
27	Is Phlebotomy Part of the Dark Side in the Clinical Laboratory Struggle for Quality?. <i>Laboratory Medicine</i> , 2012, 43, 172-176.	0.8	22
28	K3EDTA Vacuum Tubes Validation for Routine Hematological Testing. <i>ISRN Hematology</i> , 2012, 2012, 1-5.	1.6	20
29	Brand of dipotassium EDTA vacuum tube as a new source of pre-analytical variability in routine haematology testing. <i>British Journal of Biomedical Science</i> , 2013, 70, 6-9.	1.2	20
30	The uptake of different iron salts by the yeast <i>Saccharomyces cerevisiae</i> . <i>Brazilian Journal of Microbiology</i> , 2014, 45, 491-494.	0.8	20
31	Processing of Diagnostic Blood Specimens: Is It Really Necessary to Mix Primary Blood Tubes after Collection with Evacuated Tube System?. <i>Biopreservation and Biobanking</i> , 2014, 12, 53-59.	0.5	19
32	Mechanistic basis of breast cancer resistance protein inhibition by new indeno[1,2-b]indoles. <i>Scientific Reports</i> , 2021, 11, 1788.	1.6	17
33	Hormone Replacement Therapy in Postmenopausal Women and Its Effects on Plasma Lipid Levels. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 446-51.	1.4	16
34	The γ 429 T>C polymorphism of the receptor for advanced glycation end products (RAGE) is associated with type 1 diabetes in a Brazilian population. <i>Clinica Chimica Acta</i> , 2007, 383, 163-164.	0.5	15
35	The GCKR Gene Polymorphism rs780094 is a Risk Factor for Gestational Diabetes in a Brazilian Population. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, e22035.	0.9	15
36	Venous stasis and whole blood platelet aggregometry. <i>Blood Coagulation and Fibrinolysis</i> , 2015, 26, 665-668.	0.5	14

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37	The Gly82Ser Polymorphism of the Receptor of Advanced Glycation End Product (RAGE) Gene Is Not Associated With Type 1 or Type 2 Diabetes in a Brazilian Population. <i>Diabetes Care</i> , 2006, 29, 712-713.	4.3	13
38	The polymorphisms 1131T>C and the S19W of the APOA5 gene are not associated with coronary artery disease in a Brazilian population. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 419-22.	1.4	13
39	Proteins differentially expressed by Shiga toxin-producing <i>Escherichia coli</i> strain MO3 due to the biliar salt sodium deoxycholate. <i>Genetics and Molecular Research</i> , 2013, 12, 4909-4917.	0.3	13
40	Serum Fluorescent Advanced Glycation End (F-AGE) products in gestational diabetes patients. <i>Archives of Endocrinology and Metabolism</i> , 2017, 61, 233-237.	0.3	13
41	The glucokinase gene promoter polymorphism 30G>A (rs1799884) is associated with fasting glucose in healthy pregnant women but not with gestational diabetes. <i>Clinica Chimica Acta</i> , 2010, 411, 892-893.	0.5	12
42	Quality Impact on Diagnostic Blood Specimen Collection Using a New Device to Relieve Venipuncture Pain. <i>Indian Journal of Clinical Biochemistry</i> , 2013, 28, 235-241.	0.9	12
43	Impact of <i>Aeromonas</i> and diarrheagenic <i>Escherichia coli</i> screening in patients with diarrhea in Paran, southern Brazil. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 1609-1614.	0.5	12
44	Management of preanalytical phase for routine hematological testing: is the pneumatic tube system a source of laboratory variability or an important facility tool?. <i>International Journal of Laboratory Hematology</i> , 2014, 36, e37-40.	0.7	12
45	The MTNR1B gene polymorphism rs10830963 is associated with gestational diabetes in a Brazilian population. <i>Gene</i> , 2015, 568, 114-115.	1.0	12
46	Does Laboratory Automation for the Preanalytical Phase Improve Data Quality?. <i>Journal of the Association for Laboratory Automation</i> , 2013, 18, 375-381.	2.8	11
47	Controle da qualidade na coleta do espcime diagnstico sanguneo: iluminando uma fase escura de erros pr-analticos. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2009, 45, 441-447.	0.3	10
48	Short Communication The functional polymorphisms -429T>C and -374T>A of the RAGE gene promoter are not associated with gestational diabetes in Euro-Brazilians. <i>Genetics and Molecular Research</i> , 2010, 9, 1130-1135.	0.3	10
49	Matrix-assisted laser desorption ionization-time of flight mass spectrometry analysis of <i>Escherichia coli</i> categories. <i>Genetics and Molecular Research</i> , 2014, 13, 716-722.	0.3	10
50	Frequency of the CHE1* Allele of Serum Cholinesterase in a Sample from Southern Brazil. <i>Human Heredity</i> , 1990, 40, 386-390.	0.4	9
51	Polymorphisms of the promoter and exon 3 of the receptor for advanced glycation end products (RAGE) in Euroand AfroBrazilians. <i>International Journal of Immunogenetics</i> , 2012, 39, 155-160.	0.8	9
52	1,5 Anhydroglucitol serum concentration as a biomarker for screening gestational diabetes in early pregnancy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e179-81.	1.4	9
53	COVID-19 e Diabetes: a relao entre duas pandemias distintas. <i>Revista Brasileira De Anlises Clnicas</i> , 2020, 52, .	0.0	9
54	The polymorphism rs2268574 in Glucokinase gene is associated with gestational Diabetes mellitus. <i>Clinical Biochemistry</i> , 2014, 47, 499-500.	0.8	8

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55	Polymorphism E23K (rs5219) in the KCNJ11 gene in Euro-Brazilian subjects with type 1 and 2 diabetes. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	8
56	Data for serum 1,5 anhydroglucitol concentration in different populations. <i>Data in Brief</i> , 2018, 20, 753-760.	0.5	8
57	Research Article Polymorphisms rs1800795 of interleukin-6 and rs2228145 of interleukin-6 receptor genes in Euro-Brazilians with adult-onset type 1 diabetes mellitus. <i>Genetics and Molecular Research</i> , 2019, 18, .	0.3	8
58	Butyrylcholinesterase and diabetes mellitus in the CHE2 C5- and CHE2 C5+ phenotypes. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2010, 54, 60-67.	1.3	7
59	The ghrelin gene allele 51Q (rs34911341) is a protective factor against the development of gestational diabetes. <i>Clinica Chimica Acta</i> , 2010, 411, 886-887.	0.5	7
60	Quality management of preanalytical phase: impact of lithium heparin vacuum tubes changes on clinical chemistry tests. <i>Accreditation and Quality Assurance</i> , 2013, 18, 429-434.	0.4	7
61	Gestational diabetes mellitus (GDM) decreases butyrylcholinesterase (BChE) activity and changes its relationship with lipids. <i>Genetics and Molecular Biology</i> , 2014, 37, 1-6.	0.6	7
62	Leptin (rs7799039) and solute carrier family 30 zinc transporter (rs13266634) polymorphisms in Euro-Brazilian pregnant women with gestational diabetes. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	7
63	Characteristics of an <i>Aeromonas trota</i> strain isolated from cerebrospinal fluid. <i>Microbial Pathogenesis</i> , 2018, 116, 109-112.	1.3	7
64	Assessing the adherence to and the therapeutic effectiveness of hypolipidemic agents in a population of patients in Brazil: a retrospective cohort study. <i>Pharmacy Practice</i> , 2014, 12, 0-0.	0.8	7
65	An improved method for butyrylcholinesterase phenotyping. <i>Biochemical Genetics</i> , 1994, 32, 83-89.	0.8	6
66	Low prevalence of glucokinase gene mutations in gestational diabetic patients with good glycemic control. <i>Genetics and Molecular Research</i> , 2012, 11, 1433-1441.	0.3	6
67	Epidemiology of pathogens causing urinary tract infections in an urban community in southern Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2018, 22, 505-507.	0.3	6
68	Reference intervals for serum 1,5-anhydroglucitol in children, adolescents, adults, and pregnant women. <i>Clinica Chimica Acta</i> , 2018, 486, 54-58.	0.5	6
69	An oxalate-bridged oxidovanadium(IV) binuclear complex that improves the in vitro cell uptake of a fluorescent glucose analog. <i>Polyhedron</i> , 2021, 198, 115071.	1.0	5
70	Apolipoprotein B gene polymorphisms g.2488C>T and g.4154G>A are not associated with coronary artery disease in a Brazilian population. <i>Clinica Chimica Acta</i> , 2009, 403, 261.	0.5	4
71	Draft Genome Sequence of <i>Aeromonas caviae</i> 8LM, Isolated from Stool Culture of a Child with Diarrhea. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
72	Polymorphism rs2476601 in the PTPN22 gene is associated with type 1 diabetes in children from the South Region of Brazil. <i>Gene</i> , 2018, 650, 15-18.	1.0	4

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73	d-GDM: A mobile diagnostic decision support system for gestational diabetes. Archives of Endocrinology and Metabolism, 2019, 63, 524-530.	0.3	4
74	Anticoagulant Choices Affect the Mean Platelet Volume Measurement by Impedance. Clinical Laboratory, 2018, 64, 217-220.	0.2	4
75	A new porphyrin as selective substrate-based inhibitor of breast cancer resistance protein (BCRP/ABCG2). Chemico-Biological Interactions, 2022, 351, 109718.	1.7	4
76	The rs10885122 polymorphism of the adrenoceptor alpha 2A (ADRA2A) gene in Euro-Brazilians with type 2 diabetes mellitus. Archives of Endocrinology and Metabolism, 2015, 59, 29-33.	0.3	3
77	A new device to relieve venipuncture pain can affect haematology test results. Blood Transfusion, 2014, 12 Suppl 1, s6-10.	0.3	3
78	Biochemical markers in sickle cell disease in a Brazilian population. Clinica Chimica Acta, 2009, 408, 133-134.	0.5	2
79	Preproghrelin polymorphism Q90L (rs4684677) in gestational diabetes. Arquivos Brasileiros De Endocrinologia E Metabologia, 2014, 58, 83-84.	1.3	2
80	Mucoproteína versus alfa-1-glicoproteína Ácida: o que quantificar?. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2002, 38, 87-91.	0.3	2
81	Association of Polymorphism rs17576 of the Metalloproteinase 9 Gene with Gestational Diabetes in Euro-Brazilian Pregnant Women. Clinical Laboratory, 2018, 64, 645-649.	0.2	2
82	Serum 1,5-Anhydroglucitol Concentration as a Biomarker for Type 1 Diabetes in Adults and Children. Clinical Laboratory, 2019, 65, .	0.2	2
83	Functional promoter polymorphisms of the receptor for advanced glycation end products in children and adolescents with type 1 diabetes. Molecular and Cellular Probes, 2015, 29, 503-506.	0.9	1
84	Interleukin-18 (rs187238) and glucose transporter 4 (rs5435) polymorphisms in Euro-Brazilians with type 1 diabetes. Genetics and Molecular Research, 2017, 16, .	0.3	1
85	Screening of whole yeast free-cells and optimization of pH and temperature for fructooligosaccharides production. Acta Scientiarum - Biological Sciences, 2017, 39, 189.	0.3	1
86	Brief Note Polymorphism V362F (rs2304256) of tyrosine kinase 2 is not associated with childhood- or adulthood-onset type 1 diabetes in southern Brazil. Genetics and Molecular Research, 2019, 18, .	0.3	1
87	Prospection of plasma proteins as biomarkers for diabetes mellitus monitoring. Journal of Diabetes and Metabolic Disorders, 2021, 20, 611-620.	0.8	1
88	A epidemia do Diabetes mellitus encontra a pandemia da SARS-CoV-2 (COVID-19) / The Diabetes mellitus epidemic meets the SARS-CoV-2 (COVID-19) pandemic. Brazilian Journal of Health Review, 2021, 4, 10886-10920.	0.0	1
89	Phlebotomist Labelling Primary Blood Tubes for Clinical Laboratory Tests: An Important Step to Medical Diagnostics. Journal of Medical Diagnostic Methods, 2014, 03, .	0.0	1
90	Research Article The IL18 rs1946518 and PTPN22 rs2476601 polymorphisms are not associated with adult- and childhood-onset type 1 diabetes mellitus. Genetics and Molecular Research, 2020, 19, .	0.3	1

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91	Non-fasting plasma glucose concentration in blood donors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e135-7.	1.4	0
92	Polymorphisms rs144723656, rs2268574, and rs2268575 of the glucokinase gene are not associated with obese women with type 2 diabetes mellitus. <i>Clinical Biochemistry</i> , 2016, 49, 194-195.	0.8	0
93	Polymorphisms rs2233575 and rs712701 in the paired box 4 gene are not associated with type 1 diabetes in children. <i>Meta Gene</i> , 2018, 16, 130-133.	0.3	0
94	The use of flow cytometry for the serological diagnosis of COVID-19. <i>Revista Brasileira De análises Clínicas</i> , 2021, 53, .	0.0	0
95	Research Article Cytotoxic T lymphocyte antigen-4 (<i>CTLA-4</i>) rs231775 and rs5792909 polymorphisms are not associated with adult- and childhood-onset type 1 diabetes in a Southern Brazilian population. <i>Genetics and Molecular Research</i> , 2021, 20, .	0.3	0
96	The Blood Bank for Diabetes Screening: a Feasible Alternative?. <i>Clinical Laboratory</i> , 2017, 63, 21-26.	0.2	0
97	Relationship between values of estimated average glucose and fasting glucose. <i>Revista Brasileira De análises Clínicas</i> , 2018, 50, .	0.0	0
98	Caracterização dos distúrbios da regulação: uma abordagem didática e intuitiva. <i>Revista Brasileira De análises Clínicas</i> , 2020, 52, .	0.0	0
99	Evaluation of 1,5-Anhydroglucitol as a Biomarker for Type 2 Diabetes Mellitus in Patients without Overt Nephropathy. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 57, .	1.2	0
100	Heteroleptic oxidovanadium(IV)-malate complex improves glucose uptake in HepG2 and enhances insulin action in streptozotocin-induced diabetic rats. <i>BioMetals</i> , 0, , .	1.8	0