

Khosrow Adeli

List of Publications by Year in descending order

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Version: 2024-02-01

353
papers

26,401
citations

16437

64
h-index

8156

148
g-index

360
all docs

360
docs citations

360
times ranked

37695
citing authors

#	ARTICLE	IF	CITATIONS
1	Age and sex-specific reference intervals for prooxidant-antioxidant balance, anti-heat shock protein 27 (anti-hsp27), and routine laboratory tests in the middle-aged adult population. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1300-1310.	1.4	2
2	Multinflammatory Syndrome in Children: A View into Immune Pathogenesis from a Laboratory Perspective. <i>Journal of Applied Laboratory Medicine</i> , The, 2022, 7, 311-321.	0.6	11
3	Physiological and metabolic adaptations in pregnancy: importance of trimester-specific reference intervals to investigate maternal health and complications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 76-92.	2.7	6
4	Pediatric reference intervals for 32 routine biochemical markers using the siemens healthineers atellica® CH assays in healthy children and adolescents. <i>Clinical Biochemistry</i> , 2022, 99, 69-77.	0.8	4
5	OUP accepted manuscript. <i>Journal of Applied Laboratory Medicine</i> , The, 2022, , .	0.6	3
6	Diagnostic performance of the fully automated Roche Elecsys SARS-CoV-2 antigen electrochemiluminescence immunoassay: a pooled analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 655-661.	1.4	15
7	Commercial immunoassays for detection of anti-SARS-CoV-2 spike and RBD antibodies: urgent call for validation against new and highly mutated variants. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 338-342.	1.4	25
8	Fujirebio Lumipulse SARS-CoV-2 antigen immunoassay: pooled analysis of diagnostic accuracy. <i>Diagnosis</i> , 2022, 9, 149-156.	1.2	13
9	Canadian Society of Clinical Chemists Harmonized Clinical Laboratory Lipid Reporting Recommendations on the Basis of the 2021 Canadian Cardiovascular Society Lipid Guidelines. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1180-1188.	0.8	17
10	Platelet-activating factor acetylhydrolase is a biomarker of severe anaphylaxis in children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2665-2676.	2.7	12
11	Innovative technological advancements in laboratory medicine: Predicting the lab of the future. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, S9-S21.	0.5	8
12	GLP-2 Regulation of Dietary Fat Absorption and Intestinal Chylomicron Production via Neuronal Nitric Oxide Synthase (nNOS) Signaling. <i>Diabetes</i> , 2022, 71, 1388-1399.	0.3	5
13	Î²-Carotene Increases Activity of Cytochrome P450 2E1 during Ethanol Consumption. <i>Antioxidants</i> , 2022, 11, 1033.	2.2	7
14	Anti-mullerian hormone (AMH) reference values in the CALIPER cohort of healthy community children and adolescents. <i>Clinical Biochemistry</i> , 2022, 108, 63-66.	0.8	3
15	Normative Values of High-Sensitivity Cardiac Troponin T and N-Terminal pro-B-Type Natriuretic Peptide in Children and Adolescents: A Study from the CALIPER Cohort. <i>Journal of Applied Laboratory Medicine</i> , The, 2021, 6, 344-353.	0.6	32
16	Setting minimum clinical performance specifications for tests based on disease prevalence and minimum acceptable positive and negative predictive values: Practical considerations applied to COVID-19 testing. <i>Clinical Biochemistry</i> , 2021, 88, 18-22.	0.8	5
17	Normative serum lipid profiles in the Iranian adult population. <i>International Journal of Clinical Practice</i> , 2021, 75, e13829.	0.8	0
18	Establishing hematological reference intervals in healthy adults: Ravansar non-communicable disease cohort study, Iran. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 199-209.	0.7	3

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19	Application of the TML method to big data analytics and reference interval harmonization. <i>Journal of Laboratory Medicine</i> , 2021, 45, 79-85.	1.1	7
20	Guidance for the design and reporting of studies evaluating the clinical performance of tests for present or past SARS-CoV-2 infection. <i>BMJ</i> , The, 2021, 372, n568.	3.0	18
21	IFCC interim guidelines on rapid point-of-care antigen testing for SARS-CoV-2 detection in asymptomatic and symptomatic individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1507-1515.	1.4	37
22	Reference intervals for hemoglobin and mean corpuscular volume in an ethnically diverse community sample of Canadian children 2 to 36 months. <i>BMC Pediatrics</i> , 2021, 21, 241.	0.7	4
23	Pediatric reference interval verification for common biochemical assays on the Abbott Alinity system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1554-1562.	1.4	3
24	Pediatric Reference Intervals for Critical Point-of-Care Whole Blood Assays in the CALIPER Cohort of Healthy Children and Adolescents. <i>American Journal of Clinical Pathology</i> , 2021, 156, 1030-1037.	0.4	5
25	Pediatric reference intervals for endocrine markers and fertility hormones in healthy children and adolescents on the Siemens Healthineers Atellica immunoassay system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1421-1430.	1.4	8
26	Pediatric reference interval verification for endocrine and fertility hormone assays on the Abbott Alinity system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1680-1687.	1.4	6
27	A Snapshot of Lipid-Reporting Practices in Canadian Clinical Laboratories: An Urgent Need for Harmonisation. <i>Canadian Journal of Cardiology</i> , 2021, 37, 933-937.	0.8	3
28	Cardiac Biomarkers in Pediatrics: An Undervalued Resource. <i>Clinical Chemistry</i> , 2021, 67, 947-958.	1.5	13
29	Defining and Reporting on Critical Values in Genetics: A Laboratory Survey. <i>Journal of Applied Laboratory Medicine</i> , The, 2021, 6, 1299-1304.	0.6	0
30	Age- and sex-specific reference intervals for superoxide dismutase enzyme and several minerals in a healthy adult cohort. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23897.	0.9	5
31	Discovery of analogues of non- ω^2 oxidizable long-chain dicarboxylic fatty acids as dual inhibitors of fatty acids and cholesterol synthesis: Efficacy of lead compound in hyperlipidemic hamsters reveals novel mechanism. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2490-2506.	1.1	3
32	Continuous reference curves for common hematology markers in the CALIPER cohort of healthy children and adolescents on the Sysmex XN3000 system. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 1394-1402.	0.7	6
33	Continuous reference intervals for 19 endocrine, fertility, and immunochemical markers in the CALIPER cohort of healthy children and adolescents. <i>Clinical Biochemistry</i> , 2021, 94, 35-41.	0.8	5
34	Complex biological patterns of soluble cytokines and CD163 in childhood necessitating age-specific reference intervals for evidence-based clinical interpretation. <i>Clinical Biochemistry</i> , 2021, 98, 35-41.	0.8	1
35	Pediatric evaluation of clinical specificity and sensitivity of SARS-CoV-2 IgG and IgM serology assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e235-e237.	1.4	5
36	Diabetic dyslipidaemia. , 2021, , 667-693.		2

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37	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	10
38	POCT: An Inherently Ideal Tool in Pediatric Laboratory Medicine. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2021, 32, 145-157.	0.7	2
39	Electronic tools in clinical laboratory diagnostics: key examples, limitations, and value in laboratory medicine. <i>Journal of Laboratory Medicine</i> , 2021, 45, 319-324.	1.1	0
40	A Canadian Study of Cisplatin Metabolomics and Nephrotoxicity (ACCENT): A Clinical Research Protocol. <i>Canadian Journal of Kidney Health and Disease</i> , 2021, 8, 205435812110577.	0.6	1
41	Reference Standards for Newborn Screening of Metabolic Disorders by Tandem Mass Spectrometry: A Nationwide Study on Millions of Chinese Neonatal Populations. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 719866.	1.6	6
42	CALIPER paediatric reference intervals for the urea creatinine ratio in healthy children & adolescents. <i>Clinical Biochemistry</i> , 2020, 76, 31-34.	0.8	4
43	Postprandial Dyslipidemia, Hyperinsulinemia, and Impaired Gut Peptides/Bile Acids in Adolescents with Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1228-1241.	1.8	28
44	miR-130b is a potent stimulator of hepatic very-low-density lipoprotein assembly and secretion via marked induction of microsomal triglyceride transfer protein. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E262-E275.	1.8	12
45	Influence of ethnicity on biochemical markers of health and disease in the CALIPER cohort of healthy children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 605-617.	1.4	15
46	Comprehensive laboratory reference intervals for routine biochemical markers and pro-oxidant-antioxidant balance (PAB) in male adults. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23470.	0.9	8
47	Reference intervals: theory and practice. , 2020, , 37-56.		4
48	High Fat-High Fructose Diet-Induced Changes in the Gut Microbiota Associated with Dyslipidemia in Syrian Hamsters. <i>Nutrients</i> , 2020, 12, 3557.	1.7	32
49	Pathophysiology of COVID-19: Mechanisms Underlying Disease Severity and Progression. <i>Physiology</i> , 2020, 35, 288-301.	1.6	164
50	Complex biological patterns of hematology parameters in childhood necessitating age- and sex-specific reference intervals for evidence-based clinical interpretation. <i>International Journal of Laboratory Hematology</i> , 2020, 42, 750-760.	0.7	12
51	Staff rostering, split team arrangement, social distancing (physical distancing) and use of personal protective equipment to minimize risk of workplace transmission during the COVID-19 pandemic: A simulation study. <i>Clinical Biochemistry</i> , 2020, 86, 15-22.	0.8	18
52	CALIPER Hematology Reference Standards (II). <i>American Journal of Clinical Pathology</i> , 2020, 154, 342-352.	0.4	9
53	CALIPER Hematology Reference Standards (I). <i>American Journal of Clinical Pathology</i> , 2020, 154, 330-341.	0.4	11
54	The association between body mass index trajectories and cardiometabolic risk in young children. <i>Pediatric Obesity</i> , 2020, 15, e12633.	1.4	24

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55	Screening for Nonclassic Congenital Adrenal Hyperplasia in the Era of Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of the Endocrine Society</i> , 2020, 4, bvz030.	0.1	6
56	Marked Influence of Adiposity on Laboratory Biomarkers in a Healthy Cohort of Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1781-e1797.	1.8	20
57	Bile acid treatment and FXR agonism lower postprandial lipemia in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G682-G693.	1.6	15
58	Role of Gut Microbiota in Neuroendocrine Regulation of Carbohydrate and Lipid Metabolism via the Microbiota-Gut-Brain-Liver Axis. <i>Microorganisms</i> , 2020, 8, 527.	1.6	101
59	Comprehensive hematological reference intervals in a healthy adult male population. <i>Cellular and Molecular Biology</i> , 2020, 66, 99-104.	0.3	7
60	Biosafety measures for preventing infection from COVID-19 in clinical laboratories: IFCC Taskforce Recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1053-1062.	1.4	45
61	Operational considerations and challenges of biochemistry laboratories during the COVID-19 outbreak: an IFCC global survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1441-1449.	1.4	23
62	Laboratory practices to mitigate biohazard risks during the COVID-19 outbreak: an IFCC global survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1433-1440.	1.4	22
63	Molecular, serological, and biochemical diagnosis and monitoring of COVID-19: IFCC taskforce evaluation of the latest evidence. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1037-1052.	1.4	147
64	Critical role of laboratory medicine in the global response to the COVID-19 pandemic. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1019-1020.	1.4	6
65	IFCC Interim Guidelines on Molecular Testing of SARS-CoV-2 Infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1993-2000.	1.4	46
66	IFCC Interim Guidelines on Serological Testing of Antibodies against SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2001-2008.	1.4	59
67	IFCC Interim Guidelines on Biochemical/Hematological Monitoring of COVID-19 Patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2009-2016.	1.4	38
68	Editorial and Executive Summary: IFCC Interim Guidelines on Clinical Laboratory testing during the COVID-19 Pandemic. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1965-1969.	1.4	26
69	Postprandial dyslipidemia in insulin resistant states in adolescent populations. <i>Journal of Biomedical Research</i> , 2020, 34, 328.	0.7	4
70	Comprehensive hematological reference intervals in a healthy adult male population. <i>Cellular and Molecular Biology</i> , 2020, 66, 99-104.	0.3	1
71	Pediatric decision limits for lipid parameters in the Brazilian population. <i>Jornal De Pediatria</i> , 2019, 95, 124-127.	0.9	0
72	Paediatric reference intervals for 17 Roche cobas 8000 e602 immunoassays in the CALIPER cohort of healthy children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1968-1979.	1.4	30

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73	Metabolic control via nutrient-sensing mechanisms: role of taste receptors and the gut-brain neuroendocrine axis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E559-E572.	1.8	55
74	Characterisation of serum total tau following paediatric traumatic brain injury: a case-control study. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 558-567.	2.7	25
75	Continuous reference intervals for 38 biochemical markers in healthy children and adolescents: Comparisons to traditionally partitioned reference intervals. <i>Clinical Biochemistry</i> , 2019, 73, 82-89.	0.8	34
76	Association of accelerated body mass index gain with repeated measures of blood pressure in early childhood. <i>International Journal of Obesity</i> , 2019, 43, 1354-1362.	1.6	9
77	High-Sensitivity Generation 5 Cardiac Troponin T Sex- and Age-Specific 99th Percentiles in the CALIPER Cohort of Healthy Children and Adolescents. <i>Clinical Chemistry</i> , 2019, 65, 589-591.	1.5	42
78	Principal component and correlation analysis of biochemical and endocrine markers in a healthy pediatric population (CALIPER). <i>Clinical Biochemistry</i> , 2019, 66, 29-36.	0.8	4
79	The Role of the Gut Microbiota in Lipid and Lipoprotein Metabolism. <i>Journal of Clinical Medicine</i> , 2019, 8, 2227.	1.0	82
80	Intestinal lipogenesis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 284-288.	1.3	12
81	Gut peptide and neuroendocrine regulation of hepatic lipid and lipoprotein metabolism in health and disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 326-334.	1.2	12
82	Pediatric reference intervals for clinical chemistry assays on Siemens ADVIA XPT/1800 and Dimension EXL in the CALIPER cohort of healthy children and adolescents. <i>Clinica Chimica Acta</i> , 2019, 490, 88-97.	0.5	13
83	SAT-277 Re-Evaluation of the 17-Hydroxyprogesterone (17-OHP) Screening Threshold for Diagnosing Nonclassic Congenital Adrenal Hyperplasia (NCCA) in the Era of Liquid Chromatography Tandem-Mass Spectrometry (LC-MS/MS). <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
84	Morphoquantitative effects of oral β -carotene supplementation on liver of C57BL/6 mice exposed to ethanol consumption. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 1713-1722.	0.5	2
85	CLSI-based transference and verification of CALIPER pediatric reference intervals for 29 Ortho VITROS 5600 chemistry assays. <i>Clinical Biochemistry</i> , 2018, 53, 93-103.	0.8	15
86	LDL Receptor Gene-Ablated Hamsters: A Rodent Model of Familial Hypercholesterolemia with Dominant Inheritance and Diet-Induced Coronary Atherosclerosis. <i>EBioMedicine</i> , 2018, 28, 17-18.	2.7	2
87	Pediatric reference intervals for 1,25-dihydroxyvitamin D using the DiaSorin LIAISON XL assay in the healthy CALIPER cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 964-972.	1.4	22
88	Are universal upper reference limits for alanine aminotransferase (ALT) appropriate for assessing pediatric liver injury?. <i>Clinical Biochemistry</i> , 2018, 53, 55-57.	0.8	8
89	Pediatric and adult reference interval harmonization in Canada: an update. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 57-60.	1.4	10
90	Pediatric reference intervals for 29 Ortho VITROS 5600 immunoassays using the CALIPER cohort of healthy children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 327-340.	1.4	18

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91	Apolipoprotein A-IV binds α IIb β 3 integrin and inhibits thrombosis. <i>Nature Communications</i> , 2018, 9, 3608.	5.8	75
92	GLP-2 Dysregulates Hepatic Lipoprotein Metabolism, Inducing Fatty Liver and VLDL Overproduction in Male Hamsters and Mice. <i>Endocrinology</i> , 2018, 159, 3340-3350.	1.4	17
93	Important considerations for interpreting biochemical tests in children. <i>BMJ: British Medical Journal</i> , 2018, 361, k1950.	2.4	10
94	Nontoxic silver nanocluster-induced folding, fibrillation, and aggregation of blood plasma proteins. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 838-848.	3.6	10
95	Verification of reference intervals in routine clinical laboratories: practical challenges and recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 30-37.	1.4	48
96	Influence of ethnicity on population reference values for biochemical markers. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 359-375.	2.7	38
97	Pediatric Reference Intervals for the DxH 520* Hematology Analyzer. <i>Blood</i> , 2018, 132, 5821-5821.	0.6	0
98	Central nervous system regulation of hepatic lipid and lipoprotein metabolism. <i>Current Opinion in Lipidology</i> , 2017, 28, 32-38.	1.2	28
99	Reference intervals for growth arrest-specific 6 protein in adults. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2017, 77, 109-114.	0.6	5
100	AUP1 (Ancient Ubiquitous Protein 1) Is a Key Determinant of Hepatic Very-Low-Density Lipoprotein Assembly and Secretion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 633-642.	1.1	12
101	Laboratory medicine – A hidden treasure in healthcare. <i>Clinical Biochemistry</i> , 2017, 50, 645-647.	0.8	4
102	Vitamin D and Fracture Risk in Early Childhood: A Case-Control Study. <i>American Journal of Epidemiology</i> , 2017, 185, 1255-1262.	1.6	27
103	American Liver Guidelines and Cutoffs for γ -ALT: A Potential for Overdiagnosis. <i>Clinical Chemistry</i> , 2017, 63, 1196-1198.	1.5	25
104	GLP-1 Elicits an Intrinsic Gut-Liver Metabolic Signal to Ameliorate Diet-Induced VLDL Overproduction and Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2252-2259.	1.1	32
105	The Canadian laboratory initiative on pediatric reference intervals: A CALIPER white paper. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 358-413.	2.7	190
106	Reference interval estimation: Methodological comparison using extensive simulations and empirical data. <i>Clinical Biochemistry</i> , 2017, 50, 1145-1158.	0.8	30
107	Parent reported nutritional risk and laboratory indices of cardiometabolic risk and in preschool-aged children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 839-846.	0.4	3
108	Role of resveratrol in the management of insulin resistance and related conditions: Mechanism of action. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 267-293.	2.7	48

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109	National Survey of Adult and Pediatric Reference Intervals in Clinical Laboratories across Canada: A Report of the CSCC Working Group on Reference Interval Harmonization. <i>Clinical Biochemistry</i> , 2017, 50, 925-935.	0.8	28
110	High serum serotonin in sudden infant death syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7695-7700.	3.3	52
111	Duration of Fasting, Serum Lipids, and Metabolic Profile in Early Childhood. <i>Journal of Pediatrics</i> , 2017, 180, 47-52.e1.	0.9	21
112	Laboratory reference intervals in the assessment of iron status in young children. <i>BMJ Paediatrics Open</i> , 2017, 1, e000074.	0.6	22
113	Complex role of autophagy in regulation of hepatic lipid and lipoprotein metabolism. <i>Journal of Biomedical Research</i> , 2017, 31, 377.	0.7	17
114	Pediatric Metabolic Syndrome: Pathophysiology and Laboratory Assessment. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 25-42.	0.7	22
115	Pediatric Reference Intervals for Biochemical Markers: Gaps and Challenges, Recent National Initiatives and Future Perspectives. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 43-63.	0.7	26
116	Pediatric Reference Intervals for Transferrin Saturation in the CALIPER Cohort of Healthy Children and Adolescents. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 77-84.	0.7	8
117	Postprandial Dyslipidemia: Pathophysiology and Cardiovascular Disease Risk Assessment. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 168-184.	0.7	32
118	Central nervous system regulation of intestinal lipid and lipoprotein metabolism. <i>Current Opinion in Lipidology</i> , 2016, 27, 1-7.	1.2	13
119	Cellular cholesterol accumulation modulates high fat high sucrose (HFHS) diet-induced ER stress and hepatic inflammasome activation in the development of non-alcoholic steatohepatitis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 594-605.	1.2	31
120	Regulation of Cholesterol Homeostasis by Hedgehog Signaling in Osteoarthritic Cartilage. <i>Arthritis and Rheumatology</i> , 2016, 68, 127-137.	2.9	49
121	Clinical impact of improved point-of-care glucose monitoring in neonatal intensive care using Nova StatStrip: Evidence for improved accuracy, better sensitivity, and reduced test utilization. <i>Clinical Biochemistry</i> , 2016, 49, 879-884.	0.8	20
122	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
123	Pediatric reference value distributions and covariate-stratified reference intervals for 29 endocrine and special chemistry biomarkers on the Beckman Coulter Immunoassay Systems: a CALIPER study of healthy community children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 643-57.	1.4	39
124	Pediatric-specific reference intervals in a nationally representative sample of Iranian children and adolescents: the CASPIAN-III study. <i>World Journal of Pediatrics</i> , 2016, 12, 335-342.	0.8	6
125	Diabetic Dyslipidaemia. , 2016, , 549-573.		2
126	Transference of CALIPER pediatric reference intervals to biochemical assays on the Roche cobas 6000 and the Roche Modular P. <i>Clinical Biochemistry</i> , 2016, 49, 139-149.	0.8	24

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127	Opinion Paper: Deriving Harmonised Reference Intervals - Global Activities. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2016, 27, 48-65.	0.7	24
128	A case of pancreatitis, panniculitis and polyarthritis syndrome: Elucidating the pathophysiologic mechanisms of a rare condition. <i>Journal of Pediatric Surgery Case Reports</i> , 2015, 3, 223-226.	0.1	18
129	CLSI-based transference of CALIPER pediatric reference intervals to Beckman Coulter AU biochemical assays. <i>Clinical Biochemistry</i> , 2015, 48, 1151-1159.	0.8	23
130	Biochemical Marker Reference Values across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1049-1062.	1.5	109
131	Complex Biological Profile of Hematologic Markers across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1075-1086.	1.5	128
132	Clinical decision limits for interpretation of direct bilirubin – A CALIPER study of healthy multiethnic children and case report reviews. <i>Clinical Biochemistry</i> , 2015, 48, 93-96.	0.8	14
133	Complex Reference Values for Endocrine and Special Chemistry Biomarkers across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1063-1074.	1.5	46
134	Inhibition of SH2-domain-containing inositol 5-phosphatase (SHIP2) ameliorates palmitate induced-apoptosis through regulating Akt/FOXO1 pathway and ROS production in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 441-446.	1.0	20
135	Pediatric reference intervals for calculated free testosterone, bioavailable testosterone and free androgen index in the CALIPER cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e239-43.	1.4	14
136	CLSI-based transference of the CALIPER database of pediatric reference intervals to Beckman Coulter DxC biochemical assays. <i>Clinical Biochemistry</i> , 2015, 48, 870-880.	0.8	21
137	Gut Peptides Are Novel Regulators of Intestinal Lipoprotein Secretion: Experimental and Pharmacological Manipulation of Lipoprotein Metabolism. <i>Diabetes</i> , 2015, 64, 2310-2318.	0.3	50
138	Central Nervous System Regulation of Intestinal Lipoprotein Metabolism by Glucagon-Like Peptide-1 via a Brain-Gut Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1092-1100.	1.1	43
139	Intestinal scavenger receptor class B type I as a novel regulator of chylomicron production in healthy and diet-induced obese states. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G350-G359.	1.6	21
140	SH2 domain-containing inositol 5-phosphatase (SHIP2) regulates de-novo lipogenesis and secretion of apoB100 containing lipoproteins in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 1028-1033.	1.0	11
141	Glucagon-Like Peptide 2 (GLP-2) Stimulates Postprandial Chylomicron Production and Postabsorptive Release of Intestinal Triglyceride Storage Pools via Induction of Nitric Oxide Signaling in Male Hamsters and Mice. <i>Endocrinology</i> , 2015, 156, 3538-3547.	1.4	56
142	Dynamic biological changes in metabolic disease biomarkers in childhood and adolescence: A CALIPER study of healthy community children. <i>Clinical Biochemistry</i> , 2015, 48, 828-836.	0.8	28
143	Complex reference value distributions and partitioned reference intervals across the pediatric age range for 14 specialized biochemical markers in the CALIPER cohort of healthy community children and adolescents. <i>Clinica Chimica Acta</i> , 2015, 450, 196-202.	0.5	29
144	Microbiome manipulation modifies sex-specific risk for autoimmunity. <i>Gut Microbes</i> , 2014, 5, 485-493.	4.3	65

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