

Robert Rej

List of Publications by Year in descending order

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65
papers

2,088
citations

201674

27
h-index

233421

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all docs

66
docs citations

66
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes in Relation to Serum Levels of Polychlorinated Biphenyls and Chlorinated Pesticides in Adult Native Americans. <i>Environmental Health Perspectives</i> , 2007, 115, 1442-1447.	6.0	187
2	Why Commutability Matters. <i>Clinical Chemistry</i> , 2006, 52, 553-554.	3.2	155
3	High serum PCBs are associated with elevation of serum lipids and cardiovascular disease in a Native American population. <i>Environmental Research</i> , 2008, 106, 226-239.	7.5	148
4	IFCC Working Group Recommendations for Assessing Commutability Part 1: General Experimental Design. <i>Clinical Chemistry</i> , 2018, 64, 447-454.	3.2	96
5	Lower Serum Testosterone Associated with Elevated Polychlorinated Biphenyl Concentrations in Native American Men. <i>Environmental Health Perspectives</i> , 2009, 117, 1454-1460.	6.0	95
6	Aminotransferases in Disease. <i>Clinics in Laboratory Medicine</i> , 1989, 9, 667-687.	1.4	90
7	IFCC Working Group Recommendations for Assessing Commutability Part 2: Using the Difference in Bias between a Reference Material and Clinical Samples. <i>Clinical Chemistry</i> , 2018, 64, 455-464.	3.2	85
8	Effects of Resin or Charcoal Treatment on Fetal Bovine Serum and Bovine Calf Serum. <i>Endocrine Research</i> , 2009, 34, 101-108.	1.2	73
9	A Discussion of Enzyme Reference Materials: Applications and Specifications. <i>Clinical Chemistry</i> , 1973, 19, 5-9.	3.2	65
10	Perfluoroalkyl substances and thyroid function in older adults. <i>Environment International</i> , 2015, 75, 206-214.	10.0	63
11	Interference by Tris buffer in the estimation of protein by the Lowry procedure. <i>Analytical Biochemistry</i> , 1974, 62, 240-247.	2.4	62
12	Quality control in clinical chemistry: characterization of reference materials. <i>Talanta</i> , 1984, 31, 851-862.	5.5	54
13	Measurement of Aminotransferases: Part 1. Aspartate Aminotransferase. <i>CRC Critical Reviews in Clinical Laboratory Sciences</i> , 1984, 21, 99-186.	1.0	53
14	Diabetes Prevalence in Relation to Serum Concentrations of Polychlorinated Biphenyl (PCB) Congener Groups and Three Chlorinated Pesticides in a Native American Population. <i>Environmental Health Perspectives</i> , 2016, 124, 1376-1383.	6.0	53
15	Increased Aspartate Aminotransferase Activity of Serum after in Vitro Supplementation with Pyridoxal Phosphate. <i>Clinical Chemistry</i> , 1973, 19, 92-98.	3.2	49
16	IFCC Working Group Recommendations for Assessing Commutability Part 3: Using the Calibration Effectiveness of a Reference Material. <i>Clinical Chemistry</i> , 2018, 64, 465-474.	3.2	43
17	Clinical and Biological Aspects of Acid Phosphatase. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1995, 32, 431-467.	6.1	42
18	Effects of Buffers on Aspartate Aminotransferase Activity and Association of the Enzyme with Pyridoxal Phosphate. <i>Clinical Chemistry</i> , 1975, 21, 1585-1591.	3.2	39

#	ARTICLE	IF	CITATIONS
19	An L-Aspartate: 2-Oxoglutarate Aminotransferase Reference Material from Human Erythrocytes: Preparation and Characterization. <i>Clinical Chemistry</i> , 1972, 18, 374-383.	3.2	37
20	Propylthiouracil treatment reduces long-term potentiation in area CA1 of neonatal rat hippocampus. <i>Neuroscience Letters</i> , 1996, 210, 127-129.	2.1	37
21	Acute toxicity in guinea pigs and rabbits of soot from a polychlorinated biphenyl-containing transformer fire. <i>Toxicology and Applied Pharmacology</i> , 1982, 65, 425-439.	2.8	34
22	Immunoassay of Estradiol: Unanticipated Suppression by Unconjugated Estriol. <i>Clinical Chemistry</i> , 2004, 50, 160-165.	3.2	34
23	Subchronic exposure of mice to love canal soil contaminants. <i>Fundamental and Applied Toxicology</i> , 1984, 4, 231-239.	1.8	33
24	Thyroid hormones are associated with exposure to persistent organic pollutants in aging residents of upper Hudson River communities. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 473-482.	4.3	33
25	Transferrin and mitochondrial aspartate aminotransferase in young adult alcoholics. <i>Drug and Alcohol Dependence</i> , 1989, 23, 13-18.	3.2	31
26	Fifty Years of Clinical Chemistry. <i>Clinical Chemistry</i> , 2004, 50, 1-2.	3.2	30
27	A convenient continuous-rate spectrophotometric method for determination of amino acid substrate specificity of aminotransferases: Application to isoenzymes of aspartate aminotransferase. <i>Analytical Biochemistry</i> , 1982, 119, 205-210.	2.4	27
28	Accuracy-based proficiency testing for testosterone measurements with immunoassays and liquid chromatography-mass spectrometry. <i>Clinica Chimica Acta</i> , 2017, 469, 31-36.	1.1	27
29	Perfluoroalkyl substances, thyroid hormones, and neuropsychological status in older adults. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 679-685.	4.3	21
30	IFCC Working Group Recommendations for Correction of Bias Caused by Noncommutability of a Certified Reference Material Used in the Calibration Hierarchy of an End-User Measurement Procedure. <i>Clinical Chemistry</i> , 2020, 66, 769-778.	3.2	21
31	The effects of love canal soil extracts on maternal health and fetal development in rats. <i>Fundamental and Applied Toxicology</i> , 1986, 7, 471-485.	1.8	20
32	Multiple molecular forms of human cytoplasmic aspartate aminotransferase. <i>Clinica Chimica Acta</i> , 1981, 112, 1-11.	1.1	19
33	Interlaboratory Proficiency, Intermethod Comparison, and Calibrator Suitability in Assay of Serum Aspartate Aminotransferase Activity. <i>Clinical Chemistry</i> , 1975, 21, 1141-1158.	3.2	17
34	Quantitation of aspartate aminotransferase isoenzymes by immunologic methods: Use of antibodies directed against the mitochondrial isoenzyme. <i>Clinical Biochemistry</i> , 1979, 12, 250-254.	1.9	17
35	Standardization of High-Sensitivity Immunoassays for Measurement of C-Reactive Protein; II: Two Approaches for Assessing Commutability of a Reference Material. <i>Clinical Chemistry</i> , 2009, 55, 342-350.	3.2	17
36	Immunochemical quantitation of isoenzymes of aspartate aminotransferase and lactate dehydrogenase. <i>Clinical Biochemistry</i> , 1983, 16, 17-19.	1.9	15

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37	Are Laboratories Reporting Serum Quantitative hCG Results Correctly?. <i>Clinical Chemistry</i> , 2008, 54, 761-764.	3.2	15
38	Impact of testosterone assay standardization efforts assessed via accuracy-based proficiency testing. <i>Clinical Biochemistry</i> , 2019, 68, 37-43.	1.9	14
39	Subchronic oral toxicity in guinea pigs of soot from a polychlorinated biphenyl-containing transformer fire. <i>Toxicology and Applied Pharmacology</i> , 1983, 68, 308-322.	2.8	13
40	The Nature of Calibrators in Immunoassays: Are they Commutable with Test Samples? Must they Be?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1991, 51, 47-54.	1.2	13
41	Effects of exercise on serum aminotransferase activity and pyridoxal phosphate saturation in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 1990, 22, 205-208.	1.7	11
42	An Automated System for Kinetic Multiple-Point Determinations Exemplified by Serum Lactic Dehydrogenase Determination. <i>Clinical Chemistry</i> , 1970, 16, 972-979.	3.2	9
43	Biomonitoring of populations in Western New York at risk for exposure to Great Lakes contaminants. <i>Environmental Research</i> , 2019, 179, 108690.	7.5	9
44	Proficiency testing in acid-base analyses: An interlaboratory evaluation. <i>Clinica Chimica Acta</i> , 1973, 49, 161-167.	1.1	8
45	Azide as a Preservative in Assays of Aspartate Aminotransferase Activity. <i>Clinical Chemistry</i> , 1975, 21, 158-161.	3.2	8
46	A study of the direct o-toluidine blood glucose determination. <i>Clinica Chimica Acta</i> , 1973, 43, 105-111.	1.1	7
47	Assay of Aspartate Aminotransferase Activity: Effects of Serum and Serum Proteins on Oxalacetate Decarboxylation and Dialysis. <i>Clinical Chemistry</i> , 1974, 20, 454-464.	3.2	7
48	Quantitation of aspartate aminotransferase isoenzymes after electrophoretic separation. <i>Analytical Biochemistry</i> , 1987, 161, 64-69.	2.4	7
49	Alanine Aminotransferase Apoenzyme in Dogs. <i>Veterinary Clinical Pathology</i> , 1998, 27, 26-30.	0.7	6
50	Target Values and Method Evaluation in Proficiency Testing Programs. <i>Clinical Chemistry</i> , 2001, 47, 2185-2186.	3.2	6
51	Proficiency testing and external quality assurance: crossing borders and disciplines. <i>Accreditation and Quality Assurance</i> , 2002, 7, 335-340.	0.8	5
52	Clinical Chemistry through Clinical Chemistry: A Journal Timeline. <i>Clinical Chemistry</i> , 2004, 50, 2415-2458.	3.2	5
53	Comparison of evaluation procedures used by European external quality assessment scheme organizers for haemoglobin concentration and leukocyte concentration. <i>Accreditation and Quality Assurance</i> , 2008, 13, 145-148.	0.8	5
54	They Use Enzymes for Everything!. <i>Clinical Chemistry</i> , 1998, 44, 1149-1153.	3.2	4

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55	Thyroid function and neuropsychological status in older adults. <i>Physiology and Behavior</i> , 2016, 164, 34-39.	2.1	4
56	Assessing Analytical Accuracy through Proficiency Testing: Have Effects of Matrix Been Overstated?. <i>Clinical Chemistry</i> , 2015, 61, 433-434.	3.2	3
57	Biomonitoring of exposure to Great Lakes contaminants among licensed anglers and Burmese refugees in Western New York: Toxic metals and persistent organic pollutants, 2010-2015. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113918.	4.3	3
58	The absence of $\hat{\gamma}$ -glutamyltransferase activity in transport-dependent methotrexate-resistant hepatoma cells. <i>International Journal of Cancer</i> , 1987, 40, 835-839.	5.1	2
59	The lack of L-thyroxine inhibition of human aspartate aminotransferases. <i>Clinical Biochemistry</i> , 1974, 7, 161-164.	1.9	1
60	What's on Your iPod?. <i>Clinical Chemistry</i> , 2010, 56, 494-494.	3.2	1
61	Subchronic Oral Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin in the Guinea Pig: Comparisons with a PCB-Containing Transformer Fluid Pyrolysate. <i>Toxicological Sciences</i> , 1986, 6, 454-463.	3.1	0
62	Application of clinical laboratory measurements to issues of environmental health. <i>Clinica Chimica Acta</i> , 1992, 206, 83-93.	1.1	0
63	CSI: Beethoven. <i>Clinical Chemistry</i> , 2008, 54, 1262-1263.	3.2	0
64	Podcasts Go Platinum!. <i>Clinical Chemistry</i> , 2014, 60, 1242-1243.	3.2	0
65	Commentary. <i>Clinical Chemistry</i> , 2015, 61, 1245-1245.	3.2	0