

Heidi Rossmann

List of Publications by Year in descending order

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68
papers

2,458
citations

279487

23
h-index

205818

48
g-index

73
all docs

73
docs citations

73
times ranked

6409
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetics and Beyond – The Transcriptome of Human Monocytes and Disease Susceptibility. <i>PLoS ONE</i> , 2010, 5, e10693.	1.1	539
2	Deficiency of Glutathione Peroxidase-1 Accelerates the Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 850-857.	1.1	169
3	Down-regulated in adenoma mediates apical Cl ⁻ /HCO ₃ ⁻ exchange in rabbit, rat, and human duodenum. <i>Gastroenterology</i> , 2002, 122, 709-724.	0.6	162
4	A Genome-Wide Association Study Identifies <i>LIPA</i> as a Susceptibility Gene for Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 403-412.	5.1	130
5	Hereditary angioedema cosegregating with a novel kininogen 1 gene mutation changing the N-terminal cleavage site of bradykinin. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2479-2481.	2.7	127
6	Integrating Genome-Wide Genetic Variations and Monocyte Expression Data Reveals Trans-Regulated Gene Modules in Humans. <i>PLoS Genetics</i> , 2011, 7, e1002367.	1.5	126
7	Heme oxygenase-1 suppresses a pro-inflammatory phenotype in monocytes and determines endothelial function and arterial hypertension in mice and humans. <i>European Heart Journal</i> , 2015, 36, 3437-3446.	1.0	76
8	Role of Na ⁺ /HCO ₃ ⁻ cotransporter NBC1, Na ⁺ /H ⁺ exchanger NHE1, and carbonic anhydrase in rabbit duodenal bicarbonate secretion. <i>Gastroenterology</i> , 2000, 119, 406-419.	0.6	73
9	Head and neck paragangliomas: Report of 175 patients (1989–2010). <i>Head and Neck</i> , 2012, 34, 632-637.	0.9	71
10	Expression of AE2 anion exchanger in mouse intestine. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, G321-G332.	1.6	59
11	Differential expression and regulation of Na ⁺ /H ⁺ exchanger isoforms in rabbit parietal and mucous cells. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G447-G458.	1.6	52
12	The CFTR Associated Protein CAP70 Interacts with the Apical Cl ⁻ /HCO ₃ ⁻ -Exchanger DRA in Rabbit Small Intestinal Mucosa. <i>Biochemistry</i> , 2005, 44, 4477-4487.	1.2	47
13	Differential expression and regulation of AE2 anion exchanger subtypes in rabbit parietal and mucous cells. <i>Journal of Physiology</i> , 2001, 534, 837-848.	1.3	45
14	Impact of Glutathione Peroxidase-1 Deficiency on Macrophage Foam Cell Formation and Proliferation: Implications for Atherogenesis. <i>PLoS ONE</i> , 2013, 8, e72063.	1.1	43
15	Risk stratification of normotensive pulmonary embolism: prognostic impact of copeptin. <i>European Respiratory Journal</i> , 2015, 46, 1701-1710.	3.1	38
16	Distribution of estimated glomerular filtration rate and determinants of its age dependent loss in a German population-based study. <i>Scientific Reports</i> , 2021, 11, 10165.	1.6	36
17	Open ADAMTS13, induced by antibodies, is a biomarker for subclinical immune-mediated thrombotic thrombocytopenic purpura. <i>Blood</i> , 2020, 136, 353-361.	0.6	35
18	Hypertension and multiple cardiovascular risk factors increase the risk for retinal vein occlusions. <i>Journal of Hypertension</i> , 2019, 37, 1372-1383.	0.3	34

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19	Quantification of the Fabry marker lysoGb3 in human plasma by tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 883-884, 128-135.	1.2	32
20	Alterations in Lipid and Carbohydrate Metabolism in Patients with Classic Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency. <i>Hormone Research in Paediatrics</i> , 2010, 74, 41-49.	0.8	31
21	Alterations in lipid, carbohydrate and iron metabolism in patients with non-alcoholic steatohepatitis (NASH) and metabolic syndrome. <i>European Journal of Internal Medicine</i> , 2011, 22, 305-310.	1.0	29
22	Pathogenic lipid-binding antiphospholipid antibodies are associated with severity of COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2335-2347.	1.9	27
23	Pseudotype Formation of Moloney Murine Leukemia Virus with Sendai Virus Glycoprotein F. <i>Journal of Virology</i> , 1998, 72, 5296-5302.	1.5	24
24	Central Venous Access Devices (CVAD) in Pediatric Oncology Patients – A Single-Center Retrospective Study Over More Than 9 Years. <i>Frontiers in Pediatrics</i> , 2019, 7, 260.	0.9	24
25	Phenotypic Variability and Risk of Malignancy in <i>SDHC</i> -Linked Paragangliomas: Lessons From Three Unrelated Cases With an Identical Germline Mutation (p.Arg133*). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E489-E496.	1.8	23
26	Multicenter validation study for the certification of a CFTR gene scanning method using next generation sequencing technology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1046-1053.	1.4	23
27	Severe plasma prekallikrein deficiency: Clinical characteristics, novel KLKB1 mutations, and estimated prevalence. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1598-1617.	1.9	23
28	Determination of globotriaosylceramide in plasma and urine by mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 189-98.	1.4	22
29	Expression and Function of Na ⁺ HCO ₃ ⁻ Cotransporters in the Gastrointestinal Tract. <i>Annals of the New York Academy of Sciences</i> , 2000, 915, 1-14.	1.8	20
30	High incidence of extraadrenal paraganglioma in families with SDHx syndromes detected by functional imaging with [18F]fluorodihydroxyphenylalanine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 889-896.	3.3	20
31	Distribution of antiphospholipid antibodies in a large population-based German cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 1663-1670.	1.4	20
32	Evaluation of a laboratory-based high-throughput SARS-CoV-2 antigen assay for non-COVID-19 patient screening at hospital admission. <i>Medical Microbiology and Immunology</i> , 2021, 210, 165-171.	2.6	20
33	Agonist-induced cytoplasmic volume changes in cultured rabbit parietal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G40-G48.	1.6	19
34	Identification and Prevention of Genotyping Errors Caused by G-Quadruplex and i-Motif Like Sequences. <i>Clinical Chemistry</i> , 2009, 55, 1361-1371.	1.5	19
35	Three variant mRNAs of Anion Exchanger AE2 in Stomach and Intestine of Mouse, Rabbit, and Rat. <i>Annals of the New York Academy of Sciences</i> , 2000, 915, 81-91.	1.8	17
36	Malignant paraganglioma caused by a novel germline mutation of the succinate dehydrogenase D-gene – A case report. <i>Head and Neck</i> , 2008, 30, 964-969.	0.9	17

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37	Stage-Dependent Agreement between Cerebrospinal Fluid Proteins and FDG-PET Findings in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2012, 9, 241-247.	0.7	16
38	Immunogenic hotspots in the spacer domain of ADAMTS13 in immune-mediated thrombotic thrombocytopenic purpura. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 478-488.	1.9	16
39	Anti-ADAMTS13 autoantibody profiling in patients with immune-mediated thrombotic thrombocytopenic purpura. <i>Blood Advances</i> , 2021, 5, 3427-3435.	2.5	16
40	The Hematologic Definition of Monoclonal Gammopathy of Undetermined Significance in Relation to Paraproteinemic Keratopathy (An American Ophthalmological Society Thesis). <i>Transactions of the American Ophthalmological Society</i> , 2016, 114, T7.	1.4	15
41	The gastric H,K-ATPase blocker lansoprazole is an inhibitor of chloride channels. <i>British Journal of Pharmacology</i> , 2000, 129, 598-604.	2.7	14
42	Distribution of HOMA-IR in a population-based cohort and proposal for reference intervals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1844-1851.	1.4	14
43	Antiphospholipid antibodies in a large population-based cohort: genome-wide associations and effects on monocyte gene expression. <i>Thrombosis and Haemostasis</i> , 2016, 116, 115-123.	1.8	13
44	Serum Protein Electrophoresis: Reptilase Treatment Is Superior to Ethanol Precipitation for Specific Removal of Fibrinogen from Heparinized Plasma Samples. <i>Clinical Chemistry</i> , 2004, 50, 1100-1101.	1.5	10
45	Dynamic changes of lipid profile in Romanian patients with Gaucher disease type 1 under enzyme replacement therapy: a prospective study. <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 555-563.	1.7	10
46	A non-invasive diagnostic assay for rapid detection and characterization of aberrant mRNA-splicing by nonsense mediated decay inhibition. <i>Molecular Genetics and Metabolism</i> , 2020, 130, 27-35.	0.5	9
47	No Evidence for Classic Thrombotic Microangiopathy in COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 671.	1.0	9
48	c.451dupT in KLKB1 is common in Nigerians, confirming a higher prevalence of severe prekallikrein deficiency in Africans compared to Europeans. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 147-152.	1.9	7
49	A Novel Approach to CFTR Mutation Testing by Pyrosequencing-Based Assay Panels Adapted to Ethnicities. <i>Clinical Chemistry</i> , 2009, 55, 1083-1091.	1.5	6
50	Gene variants of osteoprotegerin, estrogen-, calcitonin- and vitamin D-receptor genes and serum markers of bone metabolism in patients with Gaucher disease type 1. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 2069-2080.	0.9	5
51	Second MAFA Variant Causing a Phosphorylation Defect in the Transactivation Domain and Familial Insulinomatosis. <i>Cancers</i> , 2022, 14, 1798.	1.7	4
52	Evaluation of a New Pooling Strategy Based on Leukocyte Count for Rapid Quantification of Allele Frequencies. <i>Clinical Chemistry</i> , 2007, 53, 980-982.	1.5	3
53	Diagnosis of Hereditary TTP Caused by Homozygosity for a Rare Complex ADAMTS13 Allele After Salmonella Infection in a 43-Year-Old Asylum Seeker. <i>Frontiers in Medicine</i> , 2021, 8, 639441.	1.2	3
54	A role for acquired-activated protein C resistance in recurrent fetal loss?. <i>Fertility and Sterility</i> , 2004, 81, 1427-1428.	0.5	2

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55	Chronic Diarrhea in a 5-Year-Old Girl: Pitfall in Routine Laboratory Testing with Potentially Severe Consequences. <i>Clinical Chemistry</i> , 2009, 55, 1026-1030.	1.5	2
56	Invited commentary to: ADAMTS13 deficiency is associated with abnormal distribution of von Willebrand factor multimers in patients with COVID-19 by Tiffany Pascreau et al. Letter to the Editors-in-Chief, <i>Thrombosis Research</i> . <i>Thrombosis Research</i> , 2021, 204, 141-142.	0.8	2
57	Definite diagnosis of plasma prekallikrein deficiency should not be based exclusively on shortening of the aPTT upon prolonged preincubation. <i>International Journal of Laboratory Hematology</i> , 2022, 44, .	0.7	2
58	A Novel Nonsense Mutation of the AGL Gene in a Romanian Patient with Glycogen Storage Disease Type IIIa. <i>Case Reports in Genetics</i> , 2016, 2016, 1-5.	0.1	1
59	Hypermethylation of intron 2 in childhood cancer patients, leukemia and tumor cell lines suggest a role for oncogenic transformation.. <i>EXCLI Journal</i> , 2022, 21, 117-143.	0.5	1
60	Role of Na ⁺ /HCO ₃ ⁻ cotransporter NBC1, NA ⁺ /H ⁺ exchanger NHE1 and carbonic anhydrase in rabbit duodenal HCO ₃ ⁻ secretion. <i>Gastroenterology</i> , 2000, 118, A598.	0.6	0
61	DRA expression and brush border membrane anion exchange characteristics in rat and rabbit duodenum. <i>Gastroenterology</i> , 2000, 118, A599.	0.6	0
62	The AE2 subtypes are differentially expressed and regulated in rabbit parietal and mucous cells. <i>Gastroenterology</i> , 2000, 118, A33.	0.6	0
63	The intestinal anion exchange DRA (down regulated in adenoma) interacts in the duodenum in ileum with the second PDZ domain of the CFTR associated protein CAP70. <i>Gastroenterology</i> , 2003, 124, A306.	0.6	0
64	Nhe2 is predominantly crypt-localized in murine proximal colon and its lack causes an anion secretory defect in NHE2 ^{-/-} mice. <i>Gastroenterology</i> , 2003, 124, A40.	0.6	0
65	Head and Neck Paragangliomas. , 2016, , 693-709.		0
66	Platelet Alpha-Storage Pool Defect Combined with Non-Classic Delta-Storage Pool Deficiency - with a Severe Bleeding Tendency. <i>Blood</i> , 2016, 128, 2557-2557.	0.6	0
67	Detection and Differential Diagnosis of Prekallikrein Deficiency: Genetic Study of New Families and Systematic Review of the Literature. <i>Blood</i> , 2018, 132, 2496-2496.	0.6	0
68	Pilot Study on Malnutrition and DNA Damage in Patients with Newly Diagnosed Gastrointestinal Tumors: Is DNA Damage Reversible by Early Individualized Nutritional Support?. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 29, 569-577.	0.5	0