

Ulrich H Frey

List of Publications by Year in descending order

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79
papers

2,216
citations

201575

27
h-index

254106

43
g-index

82
all docs

82
docs citations

82
times ranked

3367
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphic Variants in the GRK5 Gene Promoter Are Associated With Diastolic Dysfunction in Coronary Artery Bypass Graft Surgery Patients. <i>Anesthesia and Analgesia</i> , 2022, 134, 858-868.	1.1	2
2	Supraglottic airway device versus tracheal intubation and the risk of emergent postoperative intubation after general anaesthesia in adults: a retrospective cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, 738-745.	1.5	20
3	Postoperative nausea and vomiting. <i>European Journal of Anaesthesiology</i> , 2021, 38, 92-93.	0.7	2
4	Characterization of the G protein-coupled receptor kinase 6 promoter reveals a functional CREB binding site. <i>PLoS ONE</i> , 2021, 16, e0247087.	1.1	2
5	Agony of choice: How anesthetics affect the composition and function of extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113813.	6.6	3
6	Hemodynamic monitoring with Hypotension Prediction Index versus arterial waveform analysis alone and incidence of perioperative hypotension. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1404-1412.	0.7	18
7	Genetic contribution to PONV risk. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 45-51.	0.6	16
8	Genetic variability in postoperative nausea and vomiting. <i>European Journal of Anaesthesiology</i> , 2020, 37, 959-968.	0.7	9
9	Genetic variations in G-protein signal pathways influence progression of coronary artery calcification: Results from the Heinz Nixdorf Recall study. <i>Atherosclerosis</i> , 2020, 310, 102-108.	0.4	4
10	Extracellular vesicles isolated from patients undergoing remote ischemic preconditioning decrease hypoxia-evoked apoptosis of cardiomyoblasts after isoflurane but not propofol exposure. <i>PLoS ONE</i> , 2020, 15, e0228948.	1.1	24
11	Remote ischaemic preconditioning increases serum extracellular vesicle concentrations with altered microRNA signature in CABG patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 483-492.	0.7	34
12	Can a brief psychological expectancy intervention improve postoperative pain? A randomized, controlled trial in patients with breast cancer. <i>Pain</i> , 2019, 160, 1562-1571.	2.0	20
13	True Lumen Stabilization to Overcome Malperfusion in Acute Type I Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 740-748.	0.4	14
14	Interdisciplinary Comparison of PADUA and R.E.N.A.L. Scoring Systems for Prediction of Conversion to Nephrectomy in Patients with Renal Mass Scheduled for Nephron Sparing Surgery. <i>Journal of Urology</i> , 2019, 202, 890-898.	0.2	16
15	Anästhesiologische Aspekte der Uroonkologie. <i>Springer Reference Medizin</i> , 2019, , 1-12.	0.0	0
16	Reply by Authors. <i>Journal of Urology</i> , 2019, 202, 897-898.	0.2	0
17	Establishment of an easy and straight forward heparinase protocol to analyse circulating and myocardial tissue micro-RNA during coronary artery-bypass-graft surgery. <i>Scientific Reports</i> , 2018, 8, 1361.	1.6	8
18	Increased circulating microRNA-122 is associated with mortality and acute liver injury in the acute respiratory distress syndrome. <i>BMC Anesthesiology</i> , 2018, 18, 75.	0.7	17

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19	Increased circulating microRNA-122 is a biomarker for discrimination and risk stratification in patients defined by sepsis-3 criteria. <i>PLoS ONE</i> , 2018, 13, e0197637.	1.1	28
20	Circulating miR-192 is a prognostic marker in patients with ischemic cardiomyopathy. <i>Future Cardiology</i> , 2018, 14, 283-289.	0.5	11
21	The <i>GRK2</i> Promoter Is Regulated by Early Growth Response Transcription Factor <i>EGR1</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 660-669.	1.2	6
22	GNAQ TT(-695/-694)GC Polymorphism Is Associated with Increased Gq Expression, Vascular Reactivity, and Myocardial Injury after Coronary Artery Bypass Surgery. <i>Anesthesiology</i> , 2017, 127, 70-77.	1.3	2
23	Proteomics/phosphoproteomics of left ventricular biopsies from patients with surgical coronary revascularization and pigs with coronary occlusion/reperfusion: remote ischemic preconditioning. <i>Scientific Reports</i> , 2017, 7, 7629.	1.6	19
24	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Peri-operative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2017, 38, 2392-2411.	1.0	118
25	Potential humoral mediators of remote ischemic preconditioning in patients undergoing surgical coronary revascularization. <i>Scientific Reports</i> , 2017, 7, 12660.	1.6	34
26	Comparison of mortality prediction models in acute respiratory distress syndrome undergoing extracorporeal membrane oxygenation and development of a novel prediction score: the PREDiction of Survival on ECMO Therapy-Score (PRESET-Score). <i>Critical Care</i> , 2017, 21, 301.	2.5	75
27	Postoperative nausea and vomiting. <i>European Journal of Anaesthesiology</i> , 2016, 33, 84-89.	0.7	18
28	Easy-to-use strategy for reference gene selection in quantitative real-time PCR experiments. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1353-1366.	1.4	24
29	Hydrocortisone Fails to Abolish NF- κ B1 Protein Nuclear Translocation in Deletion Allele Carriers of the NFKB1 Promoter Polymorphism (-94ins/delATTG) and Is Associated with Increased 30-Day Mortality in Septic Shock. <i>PLoS ONE</i> , 2014, 9, e104953.	1.1	29
30	The haplotype of three polymorphisms in the SATB1 promoter region impacts survival in breast cancer patients. <i>Oncology Letters</i> , 2014, 7, 2007-2012.	0.8	5
31	GNB3 gene 825 TT variant predicts hard coronary events in the population-based Heinz Nixdorf Recall study. <i>Atherosclerosis</i> , 2014, 237, 437-442.	0.4	13
32	Characterization of the PLCB1 promoter and regulation by early growth response transcription factor EGR-1. <i>European Journal of Pharmacology</i> , 2014, 742, 8-14.	1.7	5
33	<i>GNAS</i> Gene Variants Affect β -blocker-related Survival after Coronary Artery Bypass Grafting. <i>Anesthesiology</i> , 2014, 120, 1109-1117.	1.3	9
34	Decreased Expression of miR-133a but Not of miR-1 is Associated with Signs of Heart Failure in Patients Undergoing Coronary Bypass Surgery. <i>Cardiology</i> , 2013, 125, 125-130.	0.6	39
35	Aquaporin 1 and 5 Expression Evoked by the β 2 Adrenoreceptor Agonist Terbutaline and Lipopolysaccharide in Mice and in the Human Monocytic Cell Line THP-1 Is Differentially Regulated. <i>Shock</i> , 2013, 40, 430-436.	1.0	30
36	Cloning and Characterization of the <i>GNA11</i> Promoter and its Regulation by Early Growth Response 1. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 113, 316-324.	1.2	3

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37	The functional <i>Aquaporin 1</i> $\Delta 783G/C$ -polymorphism is associated with survival in patients with glioblastoma multiforme. <i>Journal of Surgical Oncology</i> , 2013, 108, 492-498.	0.8	15
38	The <i>NFKB1</i> Promoter Polymorphism ($\Delta 94ins/delATTG$) Alters Nuclear Translocation of NF- κ B1 in Monocytes after Lipopolysaccharide Stimulation and Is Associated with Increased Mortality in Sepsis. <i>Anesthesiology</i> , 2013, 118, 123-133.	1.3	43
39	The GNB3 C825T polymorphism influences platelet aggregation in human whole blood. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 43-49.	0.7	8
40	A novel aspect of GNAS imprinting: Higher maternal expression of G α s in human lymphoblasts, peripheral blood mononuclear cells, mammary adipose tissue, and heart. <i>Molecular and Cellular Endocrinology</i> , 2011, 341, 63-70.	1.6	20
41	<i>Aquaporin 5</i> Gene Promoter $\Delta 1364A/C$ Polymorphism Associated with 30-day Survival in Severe Sepsis. <i>Anesthesiology</i> , 2011, 114, 912-917.	1.3	35
42	Comparison of Thrombelastometry with Simplified Acute Physiology Score II and Sequential Organ Failure Assessment Scores for the Prediction of 30-Day Survival. <i>Shock</i> , 2011, 35, 339-342.	1.0	63
43	A functional GNAQ promoter haplotype is associated with altered Gq expression and with insulin resistance and obesity in women with polycystic ovary syndrome. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 476-484.	0.7	11
44	The Arg16Gly- β 2-adrenoceptor single nucleotide polymorphism: exercise capacity and survival in patients with end-stage heart failure. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 382, 357-365.	1.4	12
45	Association of the GNB3 825T-allele with better survival in patients with glioblastoma multiforme. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010, 136, 1423-1429.	1.2	9
46	The G α Allele of the <i>PSMA6</i> $\Delta 8C$ polymorphism is associated with poor outcome in multiple myeloma independently of circulating proteasome serum levels. <i>European Journal of Haematology</i> , 2010, 85, 108-113.	1.1	10
47	Comparison of thrombelastometry with procalcitonin, interleukin 6, and C-reactive protein as diagnostic tests for severe sepsis in critical ill adults. <i>Critical Care</i> , 2010, 14, R178.	2.5	84
48	A novel functional haplotype in the human GNAS gene alters G α s expression, responsiveness to β 2-adrenoceptor stimulation, and peri-operative cardiac performance. <i>European Heart Journal</i> , 2009, 30, 1402-1410.	1.0	18
49	FCRL2 mRNA expression is inversely associated with clinical progression in chronic lymphocytic leukemia. <i>European Journal of Haematology</i> , 2009, 83, 541-549.	1.1	15
50	The IKZF3 (Aiolos) transcription factor is highly upregulated and inversely correlated with clinical progression in chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2009, 144, 268-270.	1.2	24
51	Hunger and Mood during Extended Fasting Are Dependent on the Δ GNB3 C825T Polymorphism. <i>Annals of Nutrition and Metabolism</i> , 2009, 54, 184-188.	1.0	21
52	A novel-1364A/C aquaporin 5 gene promoter polymorphism influences the responses to salt loading of the renin-angiotensin-aldosterone system and of blood pressure in young healthy men. <i>Basic Research in Cardiology</i> , 2008, 103, 598-610.	2.5	31
53	Amelogenin sex determination by pyrosequencing of short PCR products. <i>International Journal of Legal Medicine</i> , 2008, 122, 333-335.	1.2	23
54	Gender-dependent association of the <i>GNAS1</i> T393C polymorphism with early aseptic loosening after total hip arthroplasty. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1562-1568.	1.2	18

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55	The <i>GNAS1</i> T393C Polymorphism Predicts Survival in Patients With Advanced Squamous Cell Carcinoma of the Larynx. <i>Laryngoscope</i> , 2008, 118, 2172-2176.	1.1	19
56	PCR-amplification of GC-rich regions: 'slowdown PCR'. <i>Nature Protocols</i> , 2008, 3, 1312-1317.	5.5	118
57	Characterization of the GNAQ promoter and association of increased Gq expression with cardiac hypertrophy in humans. <i>European Heart Journal</i> , 2008, 29, 888-897.	1.0	33
58	Overall and Relapse-Free Survival in Oropharyngeal and Hypopharyngeal Squamous Cell Carcinoma Are Associated with Genotypes of T393C Polymorphism of the <i>GNAS1</i> Gene. <i>Clinical Cancer Research</i> , 2008, 14, 1753-1758.	3.2	24
59	Association Study of the G-Protein $\beta 3$ Subunit C825T Polymorphism with Disease Progression and Overall Survival in Patients with Head and Neck Squamous Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3203-3207.	1.1	10
60	Factor V Leiden mutation is associated with improved 30-day survival in patients with acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2008, 36, 1776-1779.	0.4	21
61	A novel promoter polymorphism in the human gene GNAS affects binding of transcription factor upstream stimulatory factor 1, $G\alpha_s$ protein expression and body weight regulation. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 141-151.	0.7	27
62	Association of a novel regulatory polymorphism (β^3 938C>A) in the BCL2 gene promoter with disease progression and survival in chronic lymphocytic leukemia. <i>Blood</i> , 2007, 109, 290-297.	0.6	105
63	GNAS1 T393C Polymorphism Is Associated with Clinical Course in Patients with Intrahepatic Cholangiocarcinoma. <i>Neoplasia</i> , 2007, 9, 159-165.	2.3	32
64	Insertion/deletion polymorphism in the promoter of NFKB1 influences severity but not mortality of acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2007, 33, 1199-1203.	3.9	38
65	The T393C polymorphism in the gene GNAS1 of G protein is associated with survival of patients with invasive breast carcinoma. <i>Breast Cancer Research and Treatment</i> , 2007, 105, 311-317.	1.1	31
66	The CC genotype of the GNAS T393C polymorphism is associated with obesity and insulin resistance in women with polycystic ovary syndrome. <i>European Journal of Endocrinology</i> , 2006, 155, 763-770.	1.9	16
67	Better identification of patients who benefit from implantable cardioverter defibrillators by genotyping the G protein $\beta 3$ subunit (GNB3) C825T polymorphism. <i>Basic Research in Cardiology</i> , 2006, 101, 447-451.	2.5	10
68	The GNAS1 T393C Polymorphism Predicts Survival in Patients with Clear Cell Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2006, 12, 759-763.	3.2	45
69	The GNAS1 T393C Polymorphism Is Associated with Disease Progression and Survival in Chronic Lymphocytic Leukemia. <i>Clinical Cancer Research</i> , 2006, 12, 5686-5692.	3.2	42
70	Quantification of G Protein $G\alpha_s$ Subunit Splice Variants in Different Human Tissues and Cells Using Pyrosequencing. <i>Gene Expression</i> , 2005, 12, 69-81.	0.5	15
71	Quantification of allele-specific G-protein $\beta 3$ subunit mRNA transcripts in different human cells and tissues by Pyrosequencing. <i>European Journal of Human Genetics</i> , 2005, 13, 361-369.	1.4	31
72	Alemtuzumab induces enhanced apoptosis in vitro in B-cells from patients with chronic lymphocytic leukemia by antibody-dependent cellular cytotoxicity. <i>European Journal of Pharmacology</i> , 2005, 514, 217-224.	1.7	77

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73	GNAS1 T393C Polymorphism and Survival in Patients with Sporadic Colorectal Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 5071-5077.	3.2	64
74	The T393C Polymorphism of the G α s Gene (GNAS1) Is a Novel Prognostic Marker in Bladder Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 871-877.	1.1	73
75	GNB3 C825T polymorphism and response to interferon-alfa/ribavirin treatment in patients with hepatitis C virus genotype 1 (HCV-1) infection. <i>Journal of Hepatology</i> , 2005, 43, 388-393.	1.8	27
76	1513A/C polymorphism in the P2X7 receptor gene in chronic lymphocytic leukemia: absence of correlation with clinical outcome. <i>European Journal of Haematology</i> , 2004, 72, 259-263.	1.1	28
77	Cooperative effect of GNB3 825C>T and GPIIIa PI(A) polymorphisms in enhanced platelet aggregation. <i>Thrombosis Research</i> , 2003, 109, 279-286.	0.8	23
78	Prediction of successful weight reduction under sibutramine therapy through genotyping of the G-protein β 3 subunit gene (GNB3) C825T polymorphism. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 453-459.	5.7	96
79	Successful amplification of extremely GC-rich promoter regions using a novel "slowdown PCR" technique. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 759-766.	5.7	62