

Vladimir Palicka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

152
papers

2,368
citations

23
h-index

42
g-index

166
ext. papers

2,642
ext. citations

3.7
avg, IF

4.33
L-index

#	Paper	IF	Citations
152	DNA hypermethylation of , and genes in oropharyngeal cancer associated with human papillomavirus.. <i>Epigenetics</i> , 2022 , 1-10	5.7	1
151	Post-collection acidification of spot urine sample is not needed before measurement of electrolytes.. <i>Biochemia Medica</i> , 2022 , 32, 020702	2.5	
150	Significantly Altered Serum Levels of NAD, AGE, RAGE, CRP, and Elastin as Potential Biomarkers of Psoriasis and Aging A Case-Control Study. <i>Biomedicines</i> , 2022 , 10, 1133	4.8	0
149	Quality benchmarking of smartphone laboratory medicine applications: comparison of laboratory medicine specialists and non-laboratory medicine professionals evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 693-699	5.9	1
148	Role of miR-653 and miR-29c in downregulation of CYP1A2 expression in hepatocellular carcinoma. <i>Pharmacological Reports</i> , 2021 , 1	3.9	
147	Aging in psoriasis vulgaris: female patients are epigenetically older than healthy controls. <i>Immunity and Ageing</i> , 2021 , 18, 10	9.7	2
146	The Connection between MicroRNAs from Visceral Adipose Tissue and Non-Alcoholic Fatty Liver Disease. <i>Acta Medica (Hradec Kralove)</i> , 2021 , 64, 1-7	0.8	0
145	Bone disease in end-stage kidney disease - renal and non-renal components. <i>Vnitřní Lekarství</i> , 2021 , 67, 258-263	0.3	
144	Goeckerman Regimen Reduces Alarmin Levels and PASI Score in Paediatric Patients with Psoriasis.. <i>Acta Medica (Hradec Kralove)</i> , 2021 , 64, 204-212	0.8	
143	The Impact of Psoriasis and Metabolic Syndrome on the Systemic Inflammation and Oxidative Damage to Nucleic Acids. <i>Journal of Immunology Research</i> , 2020 , 2020, 7352637	4.5	6
142	Identification of a four-gene methylation biomarker panel in high-grade serous ovarian carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1332-1340	5.9	3
141	Hepatocellular carcinoma: Gene expression profiling and regulation of xenobiotic-metabolizing cytochromes P450. <i>Biochemical Pharmacology</i> , 2020 , 177, 113912	6	14
140	Antibiotic administration reduces the rate of intraamniotic inflammation in preterm prelabor rupture of the membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 114.e1-114.e20	6.4	27
139	A Multicenter Evaluation of a Nongel Mechanical Separator Plasma Blood Collection Tube for Testing of Selected Therapeutic Drugs. <i>Journal of Applied Laboratory Medicine</i> , 2020 , 5, 671-685	2	1
138	Alarmins HMGB1, IL-33, S100A7, and S100A12 in Psoriasis Vulgaris. <i>Mediators of Inflammation</i> , 2020 , 2020, 8465083	4.3	10
137	Metabolic Syndrome, Clusterin and Elafin in Patients with Psoriasis Vulgaris. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
136	The effect of gabapentin and pregabalin on bone turnover and bone strength: A prospective study in Wistar rats. <i>Pharmacological Reports</i> , 2019 , 71, 1213-1218	3.9	1

135	Goeckerman Therapy of Psoriasis: Genotoxicity, Dietary Micronutrients, Homocysteine, and Gene Polymorphisms. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
134	Association of FTO Gene Variant (rs8050136) with Type 2 Diabetes and Markers of Obesity, Glycaemic Control and Inflammation. <i>Journal of Medical Biochemistry</i> , 2019 , 38, 153-163	1.9	18
133	COMMENTARY ON MANAGEMENT OF OSTEOPOROSIS IN ADVANCED CKD: COMMON VIEW OF A NEPHROLOGIST AND A BONE SPECIALIST. <i>Endocrine Practice</i> , 2019 , 25, 193-196	3.2	3
132	Importance of Cadherins Methylation in Ovarian Cancer: a Next Generation Sequencing Approach. <i>Pathology and Oncology Research</i> , 2019 , 25, 1457-1465	2.6	2
131	The effect of levetiracetam on rat bone mineral density, bone structure and biochemical markers of bone metabolism. <i>European Journal of Pharmacology</i> , 2018 , 824, 115-119	5.3	7
130	The New Acetylcholinesterase Inhibitors PC-37 and PC-48 (7-Methoxytacrine-Donepezil-Like Compounds): Characterization of Their Metabolites in Human Liver Microsomes, Pharmacokinetics and In Vivo Formation of the Major Metabolites in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 272-282	3.1	9
129	Aberrant methylation of PCDH17 gene in high-grade serous ovarian carcinoma. <i>Cancer Biomarkers</i> , 2018 , 23, 125-133	3.8	6
128	Effects of Amlodipine on Bone Metabolism in Orchidectomised Spontaneously Hypertensive Rats. <i>Pharmacology</i> , 2018 , 102, 67-73	2.3	
127	1-Benzyl-4-methylpiperidinyl moiety in donepezil: The priority ticket across the blood-brain-barrier in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1092, 350-358	3.2	5
126	Modulation of Rat Liver Regeneration after Partial Hepatectomy by Dietary Cholesterol. <i>Acta Medica (Hradec Kralove)</i> , 2018 , 61, 22-28	0.8	0
125	Elevated DNA methylation in malignant tumors of the sinonasal tract and its association with patient survival. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;</i> , <i>Olomouc, Czechoslovakia</i> , 2018 , 162, 232-238	1.7	2
124	Intravenous rutin in rat exacerbates isoprenaline-induced cardiotoxicity likely due to intracellular oxidative stress. <i>Redox Report</i> , 2017 , 22, 78-90	5.9	4
123	A survey of patientsViews from eight European countries of interpretive support from Specialists in Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1496-1500	5.9	9
122	Deregulation of selected microRNAs in sinonasal carcinoma: Value of miR-21 as prognostic biomarker in sinonasal squamous cell carcinoma. <i>Head and Neck</i> , 2017 , 39, 2528-2536	4.2	9
121	Changes in circulating cell-free DNA and nucleosomes in patients with exacerbated psoriasis. <i>Archives of Dermatological Research</i> , 2017 , 309, 815-821	3.3	18
120	How General Practitioners and Their Patients Adhere to Osteoporosis Management: A Follow-Up Survey among Czech General Practitioners. <i>Frontiers in Pharmacology</i> , 2017 , 8, 258	5.6	2
119	Systemic Inflammation, Oxidative Damage to Nucleic Acids, and Metabolic Syndrome in the Pathogenesis of Psoriasis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	28
118	Next-Generation Sequencing Approach in Methylation Analysis of HNF1B and GATA4 Genes: Searching for Biomarkers in Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	16

117	Serum Level of Antibodies (IgG, IgM) Against Benzo[a]pyrene-7,8-diol-9,10-epoxide-DNA Adducts in Children Dermatologically Exposed to Coal Tar. <i>Acta Medica (Hradec Kralove)</i> , 2017 , 60, 27-31	0.8	1
116	Parathyroidectomy in Hyperparathyroidism-Associated Calciphylaxis in End-Stage Renal Disease Should be Prompt and Radical - a Case Report with Two Original Therapeutic Modifications and Successful Outcome. <i>Acta Medica (Hradec Kralove)</i> , 2017 , 60, 85-88	0.8	2
115	The effect of lamotrigine and phenytoin on bone turnover and bone strength: A prospective study in Wistar rats. <i>Epilepsy Research</i> , 2016 , 128, 113-118	3	7
114	An HPLC-MS method for the quantification of new acetylcholinesterase inhibitor PC 48 (7-MEOTA-donepezil like compound) in rat plasma: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1020, 85-9	3.2	7
113	Influence of dermal exposure to ultraviolet radiation and coal tar (polycyclic aromatic hydrocarbons) on the skin aging process. <i>Journal of Dermatological Science</i> , 2016 , 81, 192-202	4.3	14
112	Carrier molecules and extraction of circulating tumor DNA for next generation sequencing in colorectal cancer. <i>Acta Medica (Hradec Kralove)</i> , 2016 , 59, 54-8	0.8	17
111	Increase of serum interleukin 6 and interferon β s associated with the number of impulses in patients with supraventricular arrhythmias treated with radiofrequency catheter ablation. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016 , 160, 106-10	1.7	4
110	Expression profiles of somatostatin, dopamine, and estrogen receptors in pituitary adenomas determined by means of synthetic multilocus calibrators. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016 , 160, 238-43	1.7	2
109	Droplet Digital PCR Analysis of GSTM1 Deletion Polymorphism in Psoriatic Subjects Treated with Goeckerman Therapy. <i>Acta Medica (Hradec Kralove)</i> , 2016 , 59, 75-78	0.8	
108	Protective Effects of D-Penicillamine on Catecholamine-Induced Myocardial Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 5213532	6.7	3
107	Utilizing Autologous Multipotent Mesenchymal Stromal Cells and β -Tricalcium Phosphate Scaffold in Human Bone Defects: A Prospective, Controlled Feasibility Trial. <i>BioMed Research International</i> , 2016 , 2016, 2076061	3	20
106	Patterns of Non-adherence to Supplementation with Calcium and Vitamin D in Persistent Postmenopausal Women Are Similar at Start and 1 Year Later: A Qualitative Longitudinal Study. <i>Frontiers in Pharmacology</i> , 2016 , 7, 339	5.6	6
105	Genetic polymorphisms in biotransformation enzymes for benzo[a]pyrene and related levels of benzo[a]pyrene-7,8-diol-9,10-epoxide-DNA adducts in Goeckerman therapy. <i>Toxicology Letters</i> , 2016 , 255, 47-51	4.4	10
104	Aberrant methylation of tumour suppressor genes WT1, GATA5 and PAX5 in hepatocellular carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1971-1980	5.9	12
103	Adherence to oral bisphosphonates: 30 more minutes in dosing instructions matter. <i>Climacteric</i> , 2015 , 18, 608-16	3.1	11
102	Changes of serum calcium, magnesium and parathyroid hormone induced by hemodialysis with citrate-enriched dialysis solution. <i>Kidney and Blood Pressure Research</i> , 2015 , 40, 13-21	3.1	9
101	Effect of mirtazapine on rat bone tissue after orchidectomy. <i>Pharmacology</i> , 2015 , 95, 166-72	2.3	4
100	Negative effect of serotonin-norepinephrine reuptake inhibitor therapy on rat bone tissue after orchidectomy. <i>European Journal of Pharmacology</i> , 2015 , 761, 65-9	5.3	5

99	Experimental determination of diagnostic window of cardiac troponins in the development of chronic anthracycline cardiotoxicity and estimation of its predictive value. <i>International Journal of Cardiology</i> , 2015 , 201, 358-67	3.2	6
98	Low-dose cholecalciferol supplementation and dual vitamin D therapy in haemodialysis patients. <i>International Urology and Nephrology</i> , 2015 , 47, 169-76	2.3	22
97	Drug holidays: the most frequent type of noncompliance with calcium plus vitamin D supplementation in persistent patients with osteoporosis. <i>Patient Preference and Adherence</i> , 2015 , 9, 1771-9	2.4	3
96	Vascular Endothelial Growth Factor Is Associated with the Morphologic and Functional Parameters in Patients with Hypertrophic Cardiomyopathy. <i>BioMed Research International</i> , 2015 , 2015, 762950	3	3
95	The effect of lacosamide on bone tissue in orchidectomised male albino Wistar rats. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2015 , 159, 394-9	1.7	5
94	Adherence to osteoporosis guideline: survey among Czech general practitioners. <i>Open Medicine (Poland)</i> , 2014 , 9, 687-693	2.2	1
93	Oral administration of quercetin is unable to protect against isoproterenol cardiotoxicity. <i>Naunyn-Schmiedeberg&#x0301; Archives of Pharmacology</i> , 2014 , 387, 823-35	3.4	10
92	The effect of topiramate and lamotrigine on rat bone mass, structure and metabolism. <i>Journal of the Neurological Sciences</i> , 2014 , 340, 80-5	3.2	8
91	Oxidative damage to nucleic acids and benzo(a)pyrene-7,8-diol-9,10-epoxide-DNA adducts and chromosomal aberration in children with psoriasis repeatedly exposed to crude coal tar ointment and UV radiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 302528	6.7	14
90	Is a highly linear relationship between the dose of quercetin and the pharmacological effect possible? - a comment on Liu, et al. Evaluation of antioxidant and immunity activities of quercetin in isoproterenol-treated rats. <i>Molecules</i> 2012, 17, 4281-4291. <i>Molecules</i> , 2014 , 19, 9606-9	4.8	3
89	Serum level of antibody against benzo[a]pyrene-7,8-diol-9,10-epoxide-DNA adducts in people dermally exposed to PAHs. <i>Journal of Immunology Research</i> , 2014 , 2014, 834389	4.5	7
88	Importance of promoter methylation of GATA4 and TP53 genes in endometrioid carcinoma of endometrium. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1229-34	5.9	12
87	Denosumab associated with bone density increase and clinical improvement in a long-term hemodialysis patient. Case report and review of the literature. <i>Acta Medica (Hradec Kralove)</i> , 2014 , 57, 30-3	0.8	12
86	Preparing compound heterozygous reference material using gene synthesis technology: a model of thrombophilic mutations. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014 , 158, 539-43	1.7	1
85	Methylation in the p53 promoter in epithelial ovarian cancer. <i>Clinical and Translational Oncology</i> , 2013 , 15, 160-3	3.6	39
84	The effect of levetiracetam on rat bone mass, structure and metabolism. <i>Epilepsy Research</i> , 2013 , 107, 56-60	3	24
83	Elevated cardiac markers are associated with higher mortality in patients after transjugular intrahepatic portosystemic shunt insertion. <i>Annals of Clinical Biochemistry</i> , 2013 , 50, 122-6	2.2	7
82	Preanalytical quality improvement: in quality we trust. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 229-41	5.9	124

81	Common biomarkers of oxidative stress do not reflect cardiovascular dys/function in rats. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2013, 157, 146-52</i>	1.7	6
80	Methylation analysis of tumor suppressor genes in endometrioid carcinoma of endometrium using MS-MLPA. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2013, 157, 298-303</i>	1.7	13
79	Importance of promoter methylation of GATA4 gene in epithelial ovarian cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2013, 157, 294-7</i>	1.7	9
78	Protective effect of atorvastatin on bone tissue in orchidectomised male albino Wistar rats. <i>European Journal of Pharmacology, 2012, 679, 144-50</i>	5.3	11
77	Dexrazoxane provided moderate protection in a catecholamine model of severe cardiotoxicity. <i>Canadian Journal of Physiology and Pharmacology, 2012, 90, 473-84</i>	2.4	9
76	Protective effect of amlodipine on rat bone tissue after orchidectomy. <i>Pharmacology, 2012, 89, 37-43</i>	2.3	10
75	Preanalytical quality improvement: from dream to reality. <i>Clinical Chemistry and Laboratory Medicine, 2011, 49, 1113-26</i>	5.9	167
74	The problems of proteinuria measurement in urine with presence of Bence Jones protein. <i>Clinical Biochemistry, 2011, 44, 403-5</i>	3.5	3
73	Effects of amlodipine on bone metabolism in male albino Wistar rats. <i>Acta Veterinaria Brno, 2011, 80, 391-396</i>	0.8	1
72	Interlaboratory study of free monoclonal immunoglobulin light chain quantification. <i>Clinical Chemistry and Laboratory Medicine, 2011, 49, 89-92</i>	5.9	5
71	High-sensitivity troponin T as a marker of myocardial injury after radiofrequency catheter ablation. <i>Annals of Clinical Biochemistry, 2011, 48, 38-40</i>	2.2	14
70	Genotoxic and apoptotic effects of Goeckerman therapy for psoriasis. <i>International Journal of Dermatology, 2010, 49, 289-94</i>	1.7	15
69	Osteoporosis risk assessment and management in primary care: focus on quantity and quality. <i>Journal of Evaluation in Clinical Practice, 2010, 16, 1176-82</i>	2.5	6
68	Gastric submucosal microdialysis in the detection of rat stomach ischemia--a comparison of the 3H2O efflux technique with metabolic monitoring. <i>Physiological Measurement, 2010, 31, 1355-68</i>	2.9	6
67	Plasma glycogen phosphorylase BB is associated with pulmonary artery wedge pressure and left ventricle mass index in patients with hypertrophic cardiomyopathy. <i>Clinical Chemistry and Laboratory Medicine, 2010, 48, 1193-5</i>	5.9	5
66	The effect of chronic iron losses on liver regeneration in male and female rats. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2010, 154, 153-8</i>	1.7	
65	Multicenter evaluation of the hemolysis index in automated clinical chemistry systems. <i>Clinical Chemistry and Laboratory Medicine, 2009, 47, 934-9</i>	5.9	85
64	Interference of IgM-lambda paraprotein with biuret-type assay for total serum protein quantification. <i>Clinical Chemistry and Laboratory Medicine, 2009, 47, 235-6</i>	5.9	9

63	Direct administration of rutin does not protect against catecholamine cardiotoxicity. <i>Toxicology</i> , 2009 , 255, 25-32	4.4	15
62	New high-performance liquid chromatography method for the determination of (R)-warfarin and (S)-warfarin using chiral separation on a glycopeptide-based stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3226-30	3.2	23
61	The effects of lactoferrin in a rat model of catecholamine cardiotoxicity. <i>BioMetals</i> , 2009 , 22, 353-61	3.4	12
60	A GCMS Method for Analysis of 8-Methoxypsoralen During New Immunomodulatory Therapy by Photopheresis. <i>Chromatographia</i> , 2009 , 69, 779-783	2.1	4
59	The novel iron chelator, 2-pyridylcarboxaldehyde 2-thiophenecarboxyl hydrazone, reduces catecholamine-mediated myocardial toxicity. <i>Chemical Research in Toxicology</i> , 2009 , 22, 208-17	4	26
58	Causes, consequences, detection, and prevention of identification errors in laboratory diagnostics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 143-53	5.9	84
57	The influence of simvastatin, atorvastatin and high-cholesterol diet on acetylcholinesterase activity, amyloid beta and cholesterol synthesis in rat brain. <i>Steroids</i> , 2009 , 74, 13-9	2.8	27
56	Cardiac biomarkers in a model of acute catecholamine cardiotoxicity. <i>Human and Experimental Toxicology</i> , 2009 , 28, 631-40	3.4	22
55	Evaluation of oxidative stress and inflammation in obese adults with metabolic syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 499-505	5.9	88
54	Self-reported compliance with osteoporosis medication-qualitative aspects and correlates. <i>Maturitas</i> , 2008 , 60, 223-9	5	12
53	Capillary immunotyping electrophoresis and high resolution two-dimensional electrophoresis for the detection of mu-heavy chain disease. <i>Clinica Chimica Acta</i> , 2008 , 389, 171-3	6.2	3
52	Haemolysis: an overview of the leading cause of unsuitable specimens in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 764-72	5.9	261
51	New biomarkers of myocardial injury and assessment of cardiac toxicity during preparative regimen and hematopoietic cell transplantation in acute leukemia. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 148-9	5.9	4
50	Use of the biochip microarray system in detection of myocardial injury caused by radiofrequency catheter ablation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1726-8	5.9	8
49	Peripheral tissue metabolism during off-pump versus on-pump coronary artery bypass graft surgery: the microdialysis study. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 899-905	3	14
48	Impact of cardiopulmonary bypass on peripheral tissue metabolism and microvascular blood flow. <i>Perfusion (United Kingdom)</i> , 2008 , 23, 339-46	1.9	22
47	Prevalence and sociodemographic determinants of uninvestigated dyspepsia in the Czech Republic. <i>European Journal of Gastroenterology and Hepatology</i> , 2008 , 20, 898-905	2.2	11
46	Caffeine does not modulate nutritive blood flow to rat gastric submucosa--a microdialysis study. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2008 , 152, 83-90	1.7	2

45	Iron chelation-afforded cardioprotection against chronic anthracycline cardiotoxicity: a study of salicylaldehyde isonicotinoyl hydrazone (SIH). <i>Toxicology</i> , 2007 , 235, 150-66	4.4	29
44	High-performance liquid chromatographic method with UV photodiode-array, fluorescence and mass spectrometric detection for simultaneous determination of galantamine and its phase I metabolites in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 853, 265-74	3.2	30
43	A Capillary GC Method Using Nitrogen Phosphorus Detection for Determination of Topiramate in Patients with Epilepsy. <i>Chromatographia</i> , 2007 , 66, 363-367	2.1	11
42	Body indices and basic vital signs in Helicobacter pylori positive and negative persons. <i>European Journal of Epidemiology</i> , 2007 , 22, 67-75	12.1	21
41	Tissue and plasma concentrations of cephuroxime during cardiac surgery in cardiopulmonary bypass--a microdialysis study. <i>Perfusion (United Kingdom)</i> , 2007 , 22, 129-36	1.9	20
40	Knowledge of osteoporosis correlated with hormone therapy use and health status. <i>Maturitas</i> , 2007 , 56, 21-9	5	12
39	Changes of cholinesterase activities in the plasma and some tissues following administration of L-carnitine and galanthamine to rats. <i>Neuroscience Letters</i> , 2007 , 411, 212-6	3.3	8
38	EQUAL-qual: a European program for external quality assessment of genomic DNA extraction and PCR amplification. <i>Clinical Chemistry</i> , 2007 , 53, 1349-57	5.5	22
37	EQUAL-quant: an international external quality assessment scheme for real-time PCR. <i>Clinical Chemistry</i> , 2006 , 52, 1584-91	5.5	35
36	Epidemiology of Helicobacter pylori infection in the Czech Republic. <i>Helicobacter</i> , 2006 , 11, 56-65	4.9	51
35	Lithium microdialysis and its use for monitoring of stomach and colon submucosal blood perfusion--a pilot study using ischemic preconditioning in rats. <i>Acta Medica (Hradec Kralove)</i> , 2006 , 49, 227-31	0.8	1
34	Comparison of different protocols for 13C-urea breath test for the diagnosis of Helicobacter pylori infection in healthy volunteers. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005 , 65, 491-8	2	16
33	Evaluation of in vitro effects of natural substances of plant origin using a model of protein glycoxydation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 957-62	3.5	28
32	Bone mineral density and urinary N-acetyl-beta-D-glucosaminidase activity in paediatric patients with idiopathic hypercalciuria. <i>Nephrology</i> , 2005 , 10, 99-102	2.2	19
31	Glycation-induced inactivation of aspartate aminotransferase, effect of uric acid. <i>Molecular and Cellular Biochemistry</i> , 2005 , 278, 85-92	4.2	5
30	Effects of alendronate and calcitonin on bone mineral density in postmenopausal osteoporotic women. An observational study. <i>International Journal of Clinical Pharmacy</i> , 2005 , 27, 149-53		8
29	Analytical monitoring of trinitrotoluene metabolites in urine by GC-MS. Part I. Semiquantitative determination of 4-amino-2,6-dinitrotoluene in human urine. <i>Journal of Analytical Toxicology</i> , 2005 , 29, 62-5	2.9	4
28	Changes in metabolism and blood flow in peripheral tissue (skeletal muscle) during cardiac surgery with cardiopulmonary bypass: the biochemical microdialysis study. <i>Perfusion (United Kingdom)</i> , 2004 , 19, 53-63	1.9	13

27	Association between serum undercarboxylated osteocalcin and bone density and/or quality in early postmenopausal women. <i>Nutrition</i> , 2003 , 19, 1001-3	4.8	6
26	Cyclosporine A inhibits acetylcholinesterase activity in selected parts of the rat brain. <i>Neuroscience Letters</i> , 2003 , 339, 251-3	3.3	6
25	Comparability of eight immunoassay procedures for the determination of CA 15-3 and related markers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 1087-94	5.9	2
24	Novel and traditional biomarkers of bone turnover in postmenopausal women. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 74-8	5.9	4
23	Influence of high cholesterol diet and pravastatin sodium on the initiation of liver regeneration in rats after partial hepatectomy. <i>Nutrition</i> , 2002 , 18, 51-5	4.8	10
22	Serum leptin concentrations after surgery in young rats. <i>Nutrition</i> , 2002 , 18, 643-6	4.8	5
21	The management of clinical laboratories in Europe: a FESCC survey. Forum of the European Societies of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 312-9	5.9	6
20	Inhibition of aspartate aminotransferase by glycation in vitro under various conditions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002 , 17, 31-6	5.6	7
19	Influence of P-glycoprotein on the transplacental passage of cyclosporine. <i>Journal of Pharmaceutical Sciences</i> , 2001 , 90, 1583-92	3.9	60
18	Inhibitory effect of glycation on catalytic activity of alanine aminotransferase. <i>Molecular and Cellular Biochemistry</i> , 2001 , 218, 35-9	4.2	20
17	Biochemical profile and survival in nonagenarians. <i>Clinical Biochemistry</i> , 2001 , 34, 563-9	3.5	53
16	Comparison of different immunoassays for CA 19-9. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 1278-82	5.9	20
15	Selected markers of bone biochemistry. <i>Advances in Clinical Chemistry</i> , 2000 , 35, 255-94	5.8	3
14	FESCC survey on accreditation and post-graduate training in clinical chemistry in European countries. Federation of European Societies of Clinical Chemistry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 371-6	5.9	7
13	Cardiac troponin T in neonates after acute and long-term tocolysis. <i>Neonatology</i> , 2000 , 78, 288-92	4	14
12	A relationship between K-ras gene mutations and some clinical and histologic variables in patients with primary colorectal carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 723-7	5.9	6
11	Cardiac troponin T in pregnant women having intravenous tocolytic therapy. <i>Archives of Gynecology and Obstetrics</i> , 1999 , 262, 121-6	2.5	19
10	Cardiac troponin T as a marker of myocardial damage caused by antineoplastic drugs in rabbits. <i>Journal of Cancer Research and Clinical Oncology</i> , 1999 , 125, 268-74	4.9	32

9	The role of cytokines and antioxidant status in graft quality prediction. <i>Transplantation Proceedings</i> , 1999 , 31, 2094	1.1	9
8	Rational use of clinical chemistry investigations: from diagnoses to processes. <i>Annals of Clinical Biochemistry</i> , 1998 , 35 (Pt 3), 351-3	2.2	2
7	Myocardial elements content and cardiac function after repeated i.v. administration of DMPS in rabbits. <i>Human and Experimental Toxicology</i> , 1998 , 17, 221-224	3.4	2
6	Lack of cardiotoxicity of a new antineoplastic agent, a synthetic derivative of indenoisochinoline: comparison with daunorubicin in rabbits. <i>Archives of Toxicology</i> , 1996 , 70, 645-51	5.8	24
5	Changes in cholinesterase activities after daunorubicin administration to rabbits. <i>Human and Experimental Toxicology</i> , 1996 , 15, 834-8	3.4	4
4	Kinetics of phenols in body fluid compartments during hemodialysis. <i>Artificial Organs</i> , 1995 , 19, 544-6	2.6	1
3	Teaching clinical chemistry in central European countries--past and present. <i>Clinica Chimica Acta</i> , 1994 , 232, 125-32	6.2	
2	Effect of glucose and branched chain amino acid (BCAA) infusion on onset of liver regeneration and plasma amino acid pattern in partially hepatectomized rats. <i>Journal of Hepatology</i> , 1991 , 13, 14-20	13.4	41
1	Liver damage induced by intrabiliary turpentine in rats. <i>Journal of Pharmacy and Pharmacology</i> , 1990 , 42, 108-14	4.8	1