Marta Kalousova

List of Publications by Year
in descending order

115 papers	2,739 citations	201575 27 h-index	214721 47 g-index
117 all docs	117 docs citations	117 times ranked	4296 citing authors

#	Article	IF	Citations
1	Tumor markers in colorectal cancer, gastric cancer and gastrointestinal stromal cancers: European group on tumor markers 2014 guidelines update. International Journal of Cancer, 2014, 134, 2513-2522.	2.3	288
2	Advanced glycoxidation end products in chronic diseasesâ€"clinical chemistry and genetic background. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 579, 37-46.	0.4	167
3	Soluble Receptor for Advanced Glycation End Products in Patients With Decreased Renal Function. American Journal of Kidney Diseases, 2006, 47, 406-411.	2.1	146
4	Oxidative Stress and Signal Transduction Pathways in Alcoholic Liver Disease. Alcoholism: Clinical and Experimental Research, 2005, 29, 110S-115S.	1.4	106
5	Receptor for Advanced Glycation End Products (RAGE)â€"Soluble Form (sRAGE) and Gene Polymorphisms in Patients with Breast Cancer. Cancer Investigation, 2007, 25, 720-725.	0.6	100
6	Matrix Metalloproteinases in Renal Diseases: A Critical Appraisal. Kidney and Blood Pressure Research, 2019, 44, 298-330.	0.9	80
7	Receptor for advanced glycation end products--soluble form and gene polymorphisms in chronic haemodialysis patients. Nephrology Dialysis Transplantation, 2007, 22, 2020-2026.	0.4	68
8	Oxidative stress and inflammation in pregnancy. Scandinavian Journal of Clinical and Laboratory Investigation, 2006, 66, 121-128.	0.6	60
9	Relationship of Soluble RAGE and RAGE Ligands HMGB1 and EN-RAGE to Endothelial Dysfunction in Type 1 and Type 2 Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 277-281.	0.6	60
10	Advanced Glycation End Products and Advanced Oxidation Protein Products in Hemodialyzed Patients. Blood Purification, 2002, 20, 531-536.	0.9	52
11	Advanced Glycation End Products in Clinical Nephrology. Kidney and Blood Pressure Research, 2004, 27, 18-28.	0.9	48
12	Glycoxidation and inflammation in chronic haemodialysis patients. Nephrology Dialysis Transplantation, 2003, 18, 2577-2581.	0.4	47
13	Soluble receptor for advanced glycation end-products (sRAGE) and polymorphisms of RAGE and glyoxalase I genes in patients with pancreas cancer. Clinical Biochemistry, 2010, 43, 882-886.	0.8	47
14	Biochemical oxidative stress-related markers in patients with obstructive sleep apnea. Medical Science Monitor, 2011, 17, CR491-CR497.	0.5	47
15	ADVANCED GLYCATION END-PRODUCTS IN PATIENTS WITH CHRONIC ALCOHOL MISUSE. Alcohol and Alcoholism, 2004, 39, 316-320.	0.9	41
16	Ferritin as an independent mortality predictor in patients with pancreas cancer. Results of a pilot study. Tumor Biology, 2012, 33, 1695-1700.	0.8	41
17	Relationship of Pregnancy-Associated Plasma Protein-A to Renal Function and Dialysis Modalities. Kidney and Blood Pressure Research, 2004, 27, 88-95.	0.9	40
18	Oxidative stress and endothelium influenced by metformin in type 2 diabetes mellitus. European Journal of Clinical Pharmacology, 2007, 63, 1107-1114.	0.8	37

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19	Low levels of circulating T-regulatory lymphocytes and short cervical length are associated with preterm labor. Journal of Reproductive Immunology, 2014, 106, 110-117.	0.8	37
20	Pregnancy-Associated Plasma Protein A (PAPP-A) and Preeclampsia. Advances in Clinical Chemistry, 2014, 63, 169-209.	1.8	35
21	Vitamin D Binding Protein Is Not Involved in Vitamin D Deficiency in Patients with Chronic Kidney Disease. BioMed Research International, 2015, 2015, 1-8.	0.9	35
22	Panel of Urinary Diagnostic Markers for Non-Invasive Detection of Primary and Recurrent Urothelial Urinary Bladder Carcinoma. Urologia Internationalis, 2015, 95, 56-64.	0.6	35
23	Soluble receptor for advanced glycation end products in physiological and pathological pregnancy. Clinical Biochemistry, 2010, 43, 442-446.	0.8	33
24	Increased Uric Acid and Glucose Concentrations in Vitreous and Serum of Patients with Diabetic Macular Oedema. Ophthalmic Research, 2011, 46, 73-79.	1.0	31
25	Growth/differentiation factor 15 (GDF-15) as new potential serum marker in patients with metastatic colorectal cancer. Cancer Biomarkers, 2018, 21, 869-874.	0.8	30
26	Pregnancy-Associated Plasma Protein A and Soluble Receptor for Advanced Glycation End Products after Kidney Transplantation. Kidney and Blood Pressure Research, 2007, 30, 31-37.	0.9	28
27	Fibroblast Growth Factor 23 and Matrix-Metalloproteinases in Patients with Chronic Kidney Disease: Are They Associated with Cardiovascular Disease?. Kidney and Blood Pressure Research, 2009, 32, 276-283.	0.9	28
28	Lower Retinol Levels as an Independent Predictor of Mortality in Long-term Hemodialysis Patients: A Prospective Observational Cohort Study. American Journal of Kidney Diseases, 2010, 56, 513-521.	2.1	28
29	No Benefit of Hemodiafiltration over Hemodialysis in Lowering Elevated Levels of Asymmetric Dimethylarginine in ESRD Patients. Blood Purification, 2006, 24, 439-444.	0.9	27
30	Matrix metalloproteinases in serum and the follicular fluid of women treated by in vitro fertilization. Journal of Assisted Reproduction and Genetics, 2012, 29, 1207-1212.	1.2	26
31	The effect of silibinin on experimental cyclosporine nephrotoxicity. Renal Failure, 1998, 20, 471-479.	0.8	25
32	Increased Levels of Pregnancy-Associated Plasma Protein A Are Associated with Mortality in Hemodialysis Patients: Preliminary Results. Blood Purification, 2004, 22, 298-300.	0.9	25
33	Influence of Oral Vitamin E Therapy on Micro-Inflammation and Cardiovascular Disease Markers in Chronic Hemodialysis Patients. Renal Failure, 2006, 28, 395-399.	0.8	25
34	Serum levels of TIMP-1 and MMP-7 as potential biomarkers in patients with metastatic colorectal cancer. International Journal of Biological Markers, 2019, 34, 292-301.	0.7	25
35	Surface plasmon resonance biosensor for detection of pregnancy associated plasma protein A2 in clinical samples. Analytical and Bioanalytical Chemistry, 2016, 408, 7265-7269.	1.9	24
36	Novel serum markers HSP60, CHI3L1, and IGFBP-2 in metastatic colorectal cancer. Oncology Letters, 2019, 18, 6284-6292.	0.8	24

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37	HMGB1, S100 proteins and other RAGE ligands in cancer - markers, mediators and putative therapeutic targets. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2016, 160, 1-10.	0.2	24
38	A419C (E111A) Polymorphism of the Glyoxalase I Gene and Vascular Complications in Chronic Hemodialysis Patients. Annals of the New York Academy of Sciences, 2008, 1126, 268-271.	1.8	23
39	2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity. Human and Experimental Toxicology, 2007, 26, 705-713.	1.1	22
40	Soluble RAGE, diabetic nephropathy and genetic variability in theAGERgene. Archives of Physiology and Biochemistry, 2008, 114, 111-119.	1.0	22
41	Relationship between advanced glycoxidation end products, inflammatory markers/acute-phase reactants, and some autoantibodies in chronic hemodialysis patients. Kidney International, 2003, 63, S62-S64.	2.6	21
42	Detection of feto-maternal infection/inflammation by the soluble receptor for advanced glycation end products (sRAGE): results of a pilot study. Journal of Perinatal Medicine, 2008, 36, 399-404.	0.6	21
43	RAGE and its ligands in cancer â€“ culprits, biomarkers, or therapeutic targets?. Neoplasma, 2015, 62, 353-364.	0.7	21
44	Polymorphisms of the receptor for advanced glycation end-products and glyoxalase I in patients with renal cancer. Tumor Biology, 2015, 36, 2121-2126.	0.8	21
45	Correlation of Vitreous Vascular Endothelial Growth Factor and Uric Acid Concentration Using Optical Coherence Tomography in Diabetic Macular Edema. Journal of Ophthalmology, 2015, 2015, 1-7.	0.6	20
46	Trefoil factor family (TFF) proteins as potential serum biomarkers in patients with metastatic colorectal cancer.. Neoplasma, 2015, 62, 470-477.	0.7	20
47	Pregnancy-Associated Plasma Protein A as an Independent Mortality Predictor in Long-Term Hemodialysis Patients. Kidney and Blood Pressure Research, 2012, 35, 192-201.	0.9	19
48	Placental growth factor, pregnancy-associated plasma protein-A, soluble receptor for advanced glycation end products, extracellular newly identified receptor for receptor for advanced glycation end products binding protein and high mobility group box 1 levels in patients with acute kidney injury: a cross sectional study. BMC Nephrology, 2013, 14, 245.	0.8	19
49	Skin Autofluorescence Relates to Soluble Receptor for Advanced Glycation End-Products and Albuminuria in Diabetes Mellitus. Journal of Diabetes Research, 2013, 2013, 1-7.	1.0	17
50	Matrix metalloproteinases and tissue inhibitors of matrix metalloproteinases in kidney disease. Advances in Clinical Chemistry, 2021, 105, 141-212.	1.8	17
51	Resting energy expenditure and thermal balance during isothermic and thermoneutral haemodialysis heat production does not explain increased body temperature during haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 3553-3560.	0.4	16
52	Genetic Predisposition to Advanced Glycation End Products Toxicity Is Related to Prognosis of Chronic Hemodialysis Patients. Kidney and Blood Pressure Research, 2010, 33, 30-36.	0.9	16
53	Associations of Serum Levels of Advanced Glycation end Products with Nutrition Markers and Anemia in Patients with Chronic Kidney Disease. Renal Failure, 2011, 33, 131-137.	0.8	16
54	Retinol and Î±â€”Tocopherol in hemodialysis patients. Renal Failure, 1998, 20, 505-512.	0.8	15

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55	Glyoxalase I Glu111Ala Polymorphism in Patients with Breast Cancer. Cancer Investigation, 2009, 27, 655-660.	0.6	14
56	Anti-inflammatory effect of biological treatment in patients with inflammatory bowel diseases: Calprotectin and IL-6 changes do not correspond to sRAGE changes. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 294-299.	0.6	14
57	Serum S100A12 (EN-RAGE) Levels in Patients with Decreased Renal Function and Subclinical Chronic Inflammatory Disease. Kidney and Blood Pressure Research, 2011, 34, 457-464.	0.9	14
58	Placental growth factor may predict increased left ventricular mass index in patients with mild to moderate chronic kidney disease â€“ a prospective observational study. BMC Nephrology, 2013, 14, 142.	0.8	14
59	Osteopontin: The Molecular Bridge between Fat and Cardiacâ€“Renal Disorders. International Journal of Molecular Sciences, 2020, 21, 5568.	1.8	14
60	Low maternal serum matrix metalloproteinase (MMP)-2 concentrations are associated with preterm labor and fetal inflammatory response. Journal of Perinatal Medicine, 2010, 38, 589-96.	0.6	13
61	Evaluation of Skin Microcirculation during Hemodialysis. Renal Failure, 2010, 32, 21-26.	0.8	13
62	Diagnostic Importance of Selected Protein Serum Markers in the Primary Diagnostics of Prostate Cancer. Urologia Internationalis, 2015, 95, 429-435.	0.6	13
63	Pathobiochemistry of nephrotic syndrome. Advances in Clinical Chemistry, 2003, 37, 173-218.	1.8	12
64	Placental Growth Factor in Patients with Decreased Renal Function. Renal Failure, 2011, 33, 291-297.	0.8	12
65	EN-RAGE (extracellular newly identified receptor for advanced glycation end-products binding) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Clinical Biochemistry, 2012, 45, 556-560.	0.8	12
66	Pregnancy-associated plasma protein A associates with cardiovascular events in diabetic hemodialysis patients. Atherosclerosis, 2014, 236, 263-269.	0.4	12
67	Influence of Parenteral Iron Therapy and Oral Vitamin E Supplementation on Neutrophil Respiratory Burst in Chronic Hemodialysis Patients. Renal Failure, 2005, 27, 135-141.	0.8	11
68	Comparison of DNA isolation using salting-out procedure and automated isolation (MagNA system). Preparative Biochemistry and Biotechnology, 2017, 47, 703-708.	1.0	11
69	Circulating fetuin-A predicts early mortality in chronic hemodialysis patients. Clinical Biochemistry, 2009, 42, 996-1000.	0.8	10
70	Intracellular Cytokine Production in Peripheral Blood Lymphocytes: A Comparison of Values in Infertile and Fertile Women. American Journal of Reproductive Immunology, 2011, 65, 466-469.	1.2	10
71	Cell-free DNA is higher and more fragmented in intrahepatic cholestasis of pregnancy. Prenatal Diagnosis, 2016, 36, 1156-1158.	1.1	10
72	Prognostic Importance of Vitamins A, E and Retinol-binding Protein 4 in Renal Cell Carcinoma Patients. Anticancer Research, 2017, 37, 3801-3806.	0.5	10

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73	Effect of Hemodiafiltration on Pregnancy-Associated Plasma Protein A (PAPP-A) and Related Parameters. Renal Failure, 2006, 28, 715-721.	0.8	9
74	Association of pregnancy-associated plasma protein A polymorphism with preeclampsia â€" A pilot study. Clinical Biochemistry, 2011, 44, 1380-1384.	0.8	9
75	Pregnancy-associated plasma protein A: spotlight on kidney diseases. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1183-90.	1.4	9
76	Does Renal Function Influence Plasma Levels of Advanced Glycation and Oxidation Protein Products in Patients with Chronic Rheumatic Diseases Complicated by Secondary Amyloidosis?. Kidney and Blood Pressure Research, 2007, 30, 1-7.	0.9	8
77	RAGE polymorphisms, renal function and histological finding at 12Âmonths after renal transplantation. Clinical Biochemistry, 2009, 42, 347-352.	0.8	8
78	Advanced glycation end products in myocardial reperfusion injury. Heart and Vessels, 2012, 27, 208-215.	0.5	8
79	Speciation analysis of selenium in human urine by liquid chromatography and inductively coupled plasma mass spectrometry for monitoring of selenium in body fluids. Chemical Speciation and Bioavailability, 2015, 27, 127-138.	2.0	8
80	Polymorphisms of the receptor for advanced glycation end products and glyoxalase I and long-term outcome in patients with breast cancer. Tumor Biology, 2017, 39, 101042831770290.	0.8	8
81	Prevalence of Germline Pathogenic Variants in Cancer Predisposing Genes in Czech and Belgian Pancreatic Cancer Patients. Cancers, 2021, 13, 4430.	1.7	8
82	Placental Growth Factor in Bladder Cancer Compared to the Diagnostic Accuracy and Prognostic Performance of Vascular Endothelial Growth Factor A. Anticancer Research, 2018, 38, 239-246.	0.5	8
83	Advanced Glycation End Products in Hemodialyzed Patients with Diabetes Mellitus Correlate with Leptin and Leptin/Body Fat Ratio. Renal Failure, 2003, 25, 277-286.	0.8	7
84	Receptor for advanced glycation end products (RAGE) and glyoxalase I gene polymorphisms in pathological pregnancy. Clinical Biochemistry, 2012, 45, 1409-1414.	0.8	7
85	Endotelial activation and flow-mediated vasodilation in young patients with breast cancer. Neoplasma, 2014, 60, 690-697.	0.7	7
86	Changes in levels of matrix metalloproteinase-2 and -9, pregnancy-associated plasma protein-A in patients with various nephropathies. Journal of Nephrology, 2013, 26, 502-509.	0.9	7
87	Fetuin-A Early after Renal Transplantation. Kidney and Blood Pressure Research, 2009, 32, 217-222.	0.9	6
88	Intravenous Iron Gluconate Administration Increases Circulating PAPP-A in Hemodialysis Patients. Renal Failure, 2005, 27, 707-711.	0.8	5
89	Novel biochemical markers for non-invasive detection of pancreatic cancer. Neoplasma, 2022, 69, 474-483.	0.7	5
90	Low Glucose Degradation Product Peritoneal Dialysis Regimen Is Associated With Lower Plasma <scp>ENâ€RAGE</scp> and <scp>HMGB</scp>â€1 Proinflammatory Ligands of Receptor for Advanced Glycation End Products. Therapeutic Apheresis and Dialysis, 2014, 18, 309-316.	0.4	4

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91	Determination of retinoic acid in human serum and plasma by high-performance liquid chromatography. Monatshefte FÃ¼r Chemie, 2019, 150, 1731-1735.	0.9	4
92	Diagnostic and prognostic value of placental growth factor serum concentration in clear cell renal cell carcinoma. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2021, 165, 375-379.	0.2	4
93	Influence of Parenteral Iron Therapy and Oral Vitamin E Supplementation on Neutrophil Respiratory Burst in Chronic Hemodialysis Patients. Renal Failure, 2005, 27, 135-141.	0.8	3
94	Gender-Related Determinants of Advanced Subclinical Atherosclerosis in Patients Undergoing Kidney Transplantation. Kidney and Blood Pressure Research, 2010, 33, 227-234.	0.9	3
95	Anti-inflammatory Properties of High-density Lipoprotein Cholesterol in Chronic Hemodialysis Patients: Impact of Intervention. , 2010, 20, 368-376.		3
96	Cys327Cys polymorphism of the PAPP-A gene (pregnancy associated plasma protein A) is related to mortality of long term hemodialysis patients. Clinical Biochemistry, 2014, 47, 578-583.	0.8	3
97	Pregnancy-Associated Plasma Protein A2 in Hemodialysis Patients: Significance for Prognosis. Kidney and Blood Pressure Research, 2017, 42, 509-518.	0.9	3
98	Growth differentiation factor 15 (GDF-15) as potential serum biomarkers in patients with metastatic colorectal cancer.. Journal of Clinical Oncology, 2016, 34, e15098-e15098.	0.8	3
99	Advanced Glycation End Products and Acute Myocardial Infarction. Medical Principles and Practice, 2010, 19, 244-246.	1.1	2
100	The importance of serum osteopontin and stanniocalcin-1 in renal cell carcinoma. Neoplasma, 2018, 65, 958-964.	0.7	2
101	The effect of surgery on the levels of matrix metalloproteinases in patients with inguinal hernia. Physiological Research, 2021, 70, 627-634.	0.4	2
102	Comprehensive quantitative analysis of alternative splicing variants reveals the HNF1B mRNA splicing pattern in various tumour and non-tumour tissues. Scientific Reports, 2022, 12, 199.	1.6	2
103	Skin autofluorescence corresponds to microvascular reactivity in diabetes mellitus. Journal of Diabetes and Its Complications, 2022, 36, 108206.	1.2	2
104	Pregnancy-associated plasma protein A (PAPP-A) and soluble receptor for advanced glycation end products (sRAGE) â€“ intra- and inter-individual variability in chronic hemodialysis patients. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 296-303.	0.6	1
105	The Significance of Pregnancy-associated Plasma Protein a Serum Concentration in Clear Cell Renal Cell Carcinoma. Anticancer Research, 2019, 39, 3249-3253.	0.5	1
106	Increased Transferrin Sialylation Predicts Phenoconversion in Isolated REM Sleep Behavior Disorder. Movement Disorders, 2022, , .	2.2	1
107	The safety of neoadjuvant hormonal treatment in infants with cryptorchidism. Journal of Pediatric Urology, 2022, , .	0.6	1
108	Oxidative stress products and soluble adhesion molecules in patients with breast cancer. European Journal of Cancer, Supplement, 2004, 2, 104.	2.2	0

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109	P2 Receptor for advanced glycation end products (RAGE) â€“ Soluble form (sRAGE) and gene polymorphisms in patients with breast cancer. Breast, 2007, 16, S13.	0.9	0
110	FP124MATRIX METALLOPROTEINASES (MMP-2, 3, 7, 9) AND THEIR TISSUE INHIBITORS (TIMP-1, 2) IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS. Nephrology Dialysis Transplantation, 2015, 30, iii108-iii108.	0.4	0
111	SP576ASYMMETRIC DIMETHYLARGININE NEGATIVELY INFLUENCES PERIPHERAL SKIN PERFUSION DURING HEMODIALYSIS. Nephrology Dialysis Transplantation, 2015, 30, iii569-iii569.	0.4	0
112	MP207SERUM MATRIX METALLOPROTEINASES MMP-2 AND MMP-9 AND METALLOPROTEINASE TISSUE INHIBITORS TIMP-1 AND TIMP-2 IN PATIENTS WITH ACUTE KIDNEY INJURY. Nephrology Dialysis Transplantation, 2016, 31, i409-i409.	0.4	0
113	SP035THE ROLE OF S100 PROTEINS AND MATRIX METALLOPROTEINASE AND THEIR INHIBITORSIN THE PATHOGENESIS OF LUPUS NEPHRITIS. Nephrology Dialysis Transplantation, 2018, 33, i357-i358.	0.4	0
114	NLRP3 and 4 mRNA Expression in Epicardial Adipose Tissue Is Associated to Inflammosome Components Driven by Adipose Tissue Macrophages in Cardiovascular Disease Patients. FASEB Journal, 2021, 35, .	0.2	0
115	Levels and avidities of antiphosphatidylethanolamine antibodies in patients with thrombotic events and immunologically-mediated diseases. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2023, 167, 254-262.	0.2	0