Peeter Karihtala

List of Publications by Year
in descending order

91	2,271	257450	254184
papers	citations	24	43
		h-index	g-index

91	91	91	4220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive oxygen species and antioxidant mechanisms in human tissues and their relation to malignancies.. Apmis, 2007, 115, 81-103.	2.0	283
2	Peroxiredoxins in breast carcinoma. Clinical Cancer Research, 2003, 9, 3418-24.	7.0	156
3	Reactive Oxygen Species-Mediated Mechanisms of Action of Targeted Cancer Therapy. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	128
4	Vimentin, zeb1 and Sip1 are up-regulated in triple-negative and basal-like breast cancers: association with an aggressive tumour phenotype. Breast Cancer Research and Treatment, 2013, 138, 81-90.	2.5	116
5	Combined Strategies with Poly (ADP-Ribose) Polymerase (PARP) Inhibitors for the Treatment of Ovarian Cancer: A Literature Review. Diagnostics, 2019, 9, 87.	2.6	94
6	Veliparib in ovarian cancer: a new synthetically lethal therapeutic approach. Investigational New Drugs, 2020, 38, 181-193.	2.6	70
7	Oxidative stress and counteracting mechanisms in hormone receptor positive, triple-negative and basal-like breast carcinomas. BMC Cancer, 2011, 11, 262.	2.6	67
8	Prognostic and predictive role of tumour-associated macrophages in HER2 positive breast cancer. Scientific Reports, 2019, 9, 10961.	3.3	63
9	DNA Adduct 8-Hydroxydeoxyguanosine, a Novel Putative Marker of Prognostic Significance in Ovarian Carcinoma. International Journal of Gynecological Cancer, 2009, 19, 1047-1051.	2.5	59
10	Divergent behaviour of oxidative stress markers 8-hydroxydeoxyguanosine (8-OHdG) and 4-hydroxy-2-nonenal (HNE) in breast carcinogenesis. Histopathology, 2011, 58, 854-862.	2.9	58
11	Biological roles and prognostic values of the epithelial–mesenchymal transition–mediating transcription factors Twist, ZEB1 and Slug in diffuse large B-cell lymphoma. Histopathology, 2013, 62, 326-333.	2.9	52
12	Wise Management of Ovarian Cancer: On the Cutting Edge. Journal of Personalized Medicine, 2020, 10, 41.	2.5	51
13	Oxidative stress-induced antioxidant enzyme expression is an early phenomenon in ovarian carcinogenesis. European Journal of Cancer, 2010, 46, 1661-1667.	2.8	46
14	8-hydroxydeguanosine and nitrotyrosine are prognostic factors in urinary bladder carcinoma. International Journal of Clinical and Experimental Pathology, 2011, 4, 267-75.	0.5	40
15	Oxidative stress markers and mitochondrial antioxidant enzyme expression are increased in aggressive Hodgkin lymphomas. Histopathology, 2014, 65, 319-327.	2.9	34
16	Thioredoxin is associated with proliferation, p53 expression and negative estrogen and progesterone receptor status in breast carcinoma. Apmis, 2004, 112, 123-132.	2.0	33
17	Hyaluronan in Breast Cancer: Correlations With Nitric Oxide Synthases and Tyrosine Nitrosylation. Journal of Histochemistry and Cytochemistry, 2007, 55, 1191-1198.	2.5	33
18	Nrf2/Keap1 Pathway and Expression of Oxidative Stress Lesions 8-hydroxy-2'-deoxyguanosine and Nitrotyrosine in Melanoma. Anticancer Research, 2016, 36, 1497-506.	1.1	29

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19	Oxidative stress and redox state-regulating enzymes have prognostic relevance in diffuse large B-cell lymphoma. Experimental Hematology and Oncology, 2012, 1, 2.	5.0	27
20	Primary neuroendocrine breast carcinomas are associated with poor local control despite favourable biological profile: a retrospective clinical study. BMC Cancer, 2017, 17, 72.	2.6	27
21	Low Plasma IL-8 Levels During Chemotherapy Are Predictive of Excellent Long-Term Survival in Metastatic Breast Cancer. Clinical Breast Cancer, 2019, 19, e522-e533.	2.4	27
22	Increasing oxidative damage and loss of mismatch repair enzymes during breast carcinogenesis. European Journal of Cancer, 2006, 42, 2653-2659.	2.8	26
23	High-level cytoplasmic claudin 3 expression is an independent predictor of poor survival in triple-negative breast cancer. BMC Cancer, 2018, 18, 223.	2.6	25
24	Elevated serum 8-OHdG is associated with poor prognosis in epithelial ovarian cancer. Anticancer Research, 2011, 31, 1411-5.	1.1	24
25	Expression and prognostic evaluation of oxidative stress markers in an immunohistochemical study of B-cell derived lymphomas. Leukemia and Lymphoma, 2012, 53, 624-631.	1.3	22
26	Metformin and ovarian cancer: the evidence. Annals of Translational Medicine, 2020, 8, 1711-1711.	1.7	22
27	Cancer Stem Cell Properties as Factors Predictive of Chemoresistance in Neoadjuvantly-treated Patients with Ovarian Cancer. Anticancer Research, 2016, 36, 3425-31.	1.1	22
28	Prognostic and predictive role of spatially positioned tumour infiltrating lymphocytes in metastatic HER2 positive breast cancer treated with trastuzumab. Scientific Reports, 2017, 7, 18027.	3.3	21
29	Mutation of TP53, translocation analysis and immunohistochemical expression of MYC, BCL-2 and BCL-6 in patients with DLBCL treated with R-CHOP. Scientific Reports, 2018, 8, 14814.	3.3	21
30	Bevacizumab Combined with Docetaxel or Paclitaxel as First-line Treatment of HER2-negative Metastatic Breast Cancer. Anticancer Research, 2016, 36, 6431-6438.	1.1	21
31	Metformin decreases serum 8-hydroxy-2â€²-deoxyguanosine levels in polycystic ovary syndrome. Fertility and Sterility, 2013, 99, 593-598.	1.0	20
32	Preoperative serum 8-hydroxydeoxyguanosine is associated with chemoresistance and is a powerful prognostic factor in endometrioid-type epithelial ovarian cancer. BMC Cancer, 2015, 15, 493.	2.6	20
33	Integrin alpha 10, CD44, PTEN, cadherin-11 and lactoferrin expressions are potential biomarkers for selecting patients in need of central nervous system prophylaxis in diffuse large B-cell lymphoma. Carcinogenesis, 2017, 38, 812-820.	2.8	20
34	Long-term observational follow-up study of breast cancer diagnosed in women â‰¥40 years old. Breast, 2010, 19, 456-461.	2.2	19
35	Distinctively low levels of serum 8-hydroxydeoxyguanosine in women with polycystic ovary syndrome. Fertility and Sterility, 2010, 94, 2670-2673.	1.0	19
36	Angiogenesis Inhibitors for Head and Neck Squamous Cell Carcinoma Treatment: Is There Still Hope?. Frontiers in Oncology, 2021, 11, 683570.	2.8	19

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37	Redox Regulating Enzymes and Connected MicroRNA Regulators Have Prognostic Value in Classical Hodgkin Lymphomas. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	4.0	17
38	Development of new poly(ADP-ribose) polymerase (PARP) inhibitors in ovarian cancer: Quo Vadis?. Annals of Translational Medicine, 2020, 8, 1706-1706.	1.7	17
39	Keap1 expression has independent prognostic value in pancreatic adenocarcinomas. Diagnostic Pathology, 2015, 10, 28.	2.0	16
40	NRF1 and NRF2 mRNA and Protein Expression Decrease Early during Melanoma Carcinogenesis: An Insight into Survival and MicroRNAs. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	16
41	Rare missense mutations in <i>RECQL</i> and <i>POLG</i> associate with inherited predisposition to breast cancer. International Journal of Cancer, 2018, 142, 2286-2292.	5.1	15
42	Expression Levels of microRNAs miR-93 and miR-200a in Pancreatic Adenocarcinoma with Special Reference to Differentiation and Relapse-Free Survival. Oncology, 2019, 96, 164-170.	1.9	15
43	Toll‐like receptors 2, 4 and 9 and hypoxia markers <scp>HIF</scp>‐1alpha and <scp>CAIX</scp> in pancreatic intraepithelial neoplasia. Apmis, 2018, 126, 852-863.	2.0	14
44	Impact of central nervous system (CNS) prophylaxis on the incidence of CNS relapse in patients with high-risk diffuse large B cell/follicular grade 3B lymphoma. Annals of Hematology, 2020, 99, 1823-1831.	1.8	14
45	Strong KDM4B and KDM4D Expression Associates with Radioresistance and Aggressive Phenotype in Classical Hodgkin Lymphoma. Anticancer Research, 2016, 36, 4677-4684.	1.1	14
46	Bacterial Extracellular Vesicles in Gastrointestinal Tract Cancer: An Unexplored Territory. Cancers, 2021, 13, 5450.	3.7	14
47	Dysregulation of redox‐state‐regulating enzymes in melanocytic skin tumours and the surrounding microenvironment. Histopathology, 2015, 67, 348-357.	2.9	13
48	Exploring Spinal Cord Protection by Remote Ischemic Preconditioning: An Experimental Study. Annals of Thoracic Surgery, 2017, 103, 804-811.	1.3	12
49	High baseline Tie1 level predicts poor survival in metastatic breast cancer. BMC Cancer, 2019, 19, 732.	2.6	12
50	Nuclear factor erythroid 2-related factors 1 and 2 are able to define the worst prognosis group among high-risk diffuse large B cell lymphomas treated with R-CHOEP. Journal of Clinical Pathology, 2019, 72, 316-321.	2.0	12
51	Prognostic factors in metastatic breast cancer: a prospective single-centre cohort study in a Finnish University Hospital. BMJ Open, 2020, 10, e038798.	1.9	12
52	Survival after breast cancer in women with type 2 diabetes using antidiabetic medication and statins: a retrospective cohort study. Acta Oncológica, 2020, 59, 1110-1117.	1.8	12
53	Antioxidative response for nitric oxide production in breast carcinoma. Oncology Reports, 2004, 12, 755-9.	2.6	12
54	Risk of secondary haematological malignancies in patients with follicular lymphoma: an analysis of 1028 patients treated in the rituximab era. British Journal of Haematology, 2019, 187, 364-371.	2.5	11

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55	Down-regulation of 8-hydroxydeoxyguanosine and peroxiredoxin II in the pathogenesis of endometriosis-associated ovarian cancer. Anticancer Research, 2012, 32, 3037-44.	1.1	11
56	Retrospective analysis of HER2 therapy interruption in patients responding to the treatment in metastatic HER2+ breast cancer. ESMO Open, 2017, 2, e000202.	4.5	10
57	Metformin diminishes the unfavourable impact of Nrf2 in breast cancer patients with type 2 diabetes. Tumor Biology, 2019, 41, 101042831881541.	1.8	10
58	High Parity Predicts Poor Outcomes in Patients With Luminal B-Like (HER2 Negative) Early Breast Cancer: A Prospective Finnish Single-Center Study. Frontiers in Oncology, 2020, 10, 1470.	2.8	10
59	Hypoxia and Oxidative Stress in the Pathogenesis of Gynecological Cancers and in Therapeutical Options. Current Cancer Therapy Reviews, 2011, 7, 37-55.	0.3	10
60	Front-line bevacizumab in serous epithelial ovarian cancer: biomarker analysis of the FINAVAST trial. Anticancer Research, 2010, 30, 1001-6.	1.1	10
61	Exploring effects of remote ischemic preconditioning in a pig model of hypothermic circulatory arrest. Scandinavian Cardiovascular Journal, 2017, 51, 233-241.	1.2	9
62	Association of antidiabetic medication and statins with breast cancer incidence in women with type 2 diabetes. Breast Cancer Research and Treatment, 2019, 175, 741-748.	2.5	9
63	An immunohistochemical study of NFE2L2, KEAP1 and 8-hydroxy-2'-deoxyguanosine and the EMT markers SNAI2, ZEB1 and TWIST1 in metastatic melanoma. Histology and Histopathology, 2017, 32, 129-136.	0.7	9
64	High intensity of cytoplasmic peroxiredoxin VI expression is associated with adverse outcome in diffuse large B-cell lymphoma independently of International Prognostic Index. Journal of Clinical Pathology, 2015, 68, 552-556.	2.0	8
65	Proteins of the retinoblastoma pathway, FEN1 and MGMT are novel potential prognostic biomarkers in pancreatic adenocarcinoma. Pathology Research and Practice, 2018, 214, 840-847.	2.3	8
66	Cytoplasmic Keap1 Expression Is Associated With Poor Prognosis in Endometrial Cancer. Anticancer Research, 2019, 39, 585-590.	1.1	8
67	Remote Ischemic Preconditioning Attenuates Oxidative Stress during Cardiopulmonary Bypass. Heart Surgery Forum, 2016, 19, 192.	0.5	8
68	KDM4D Predicts Recurrence in Exocrine Pancreatic Cells of Resection Margins from Patients with Pancreatic Adenocarcinoma. Anticancer Research, 2018, 38, 2295-2302.	1.1	8
69	Remote Ischemic Preconditioning Reduces Cerebral Oxidative Stress Following Hypothermic Circulatory Arrest in a Porcine Model. Seminars in Thoracic and Cardiovascular Surgery, 2016, 28, 92-102.	0.6	7
70	Neuroendocrine Breast Carcinomas Share Prognostic Factors with Gastroenteropancreatic Neuroendocrine Tumors: A Putative Prognostic Role of Menin, p27, and SSTR-2A. Oncology, 2019, 96, 147-155.	1.9	7
71	Cytoplasmic Mineralocorticoid Receptor Expression Predicts Dismal Local Relapse-free Survival in Non-triple-negative Breast Cancer. Anticancer Research, 2019, 39, 5879-5890.	1.1	6
72	Incidence of solid cancer in patients with follicular lymphoma. Acta OncolÃ³gica, 2019, 58, 1564-1569.	1.8	5

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73	Elevated preoperative serum levels of collagen I carboxyterminal telopeptide predict better outcome in early-stage luminal-B-like (HER2-negative) and triple-negative subtypes of breast cancer. Tumor Biology, 2019, 41, 101042831904708.	1.8	5
74	Association of Metformin, Other Antidiabetic Medications, and Statins With Incidence of Colon Cancer in Patients With Type 2 Diabetes. Clinical Colorectal Cancer, 2021, 20, e113-e119.	2.3	5
75	Association of antidiabetic medication and statins with survival from ductal and lobular breast carcinoma in women with type 2 diabetes. Scientific Reports, 2021, 11, 10445.	3.3	5
76	Strong Prolyl Hydroxylase Domain 1 Expression Predicts Poor Outcome in Radiotherapy-treated Patients with Classical Hodgkin's Lymphoma. Anticancer Research, 2018, 38, 329-336.	1.1	5
77	Loss of Peroxiredoxin Expression Is Associated with an Aggressive Phenotype in Pancreatic Adenocarcinoma. Anticancer Research, 2016, 36, 427-33.	1.1	5
78	Male Malignant Phyllodes Breast Tumor After Prophylactic Breast Radiotherapy and Bicalutamide Treatment: A Case Report. Anticancer Research, 2016, 36, 3433-6.	1.1	5
79	The Role of Redox-Regulating Enzymes in Inoperable Breast Cancers Treated with Neoadjuvant Chemotherapy. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-9.	4.0	4
80	Metformin Associates With Aggressive Features of Endometrial Cancer in Women With Type 2 Diabetes. Anticancer Research, 2021, 41, 821-828.	1.1	4
81	Total peroxiredoxin expression is associated with survival in patients with follicular lymphoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2016, 468, 623-630.	2.8	3
82	Low Rap1-interacting factor 1 and sirtuin 6 expression predict poor outcome in radiotherapy-treated Hodgkin lymphoma patients. Leukemia and Lymphoma, 2018, 59, 679-689.	1.3	3
83	Immune cell profiles of metastatic HER2-positive breast cancer patients according to the sites of metastasis. Breast Cancer Research and Treatment, 2022, 191, 443-450.	2.5	3
84	Early progression of breast cancer during neoadjuvant chemotherapy may predict poorer prognoses. Acta Oncológica, 2020, 59, 1036-1042.	1.8	2
85	Thioredoxin-1 as a biological predictive marker for selecting diffuse large B-cell lymphoma patients for etoposide-containing treatment. European Journal of Haematology, 2020, 105, 156-163.	2.2	2
86	Real-world, single-centre prospective data of age at breast cancer onset: focus on survival and reproductive history. BMJ Open, 2021, 11, e041706.	1.9	2
87	NRF3 Decreases during Melanoma Carcinogenesis and Is an Independent Prognostic Marker in Melanoma. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-10.	4.0	2
88	No Association Between Statin Use and the Prognosis of Endometrial Cancer in Women With Type 2 Diabetes. Frontiers in Pharmacology, 2021, 12, 621180.	3.5	1
89	Peroxiredoxin 6 Serum Levels and Risk of Neutropenic Infections in Diffuse Large B-cell Lymphoma. Anticancer Research, 2019, 39, 4925-4931.	1.1	0
90	Early-Life Risk Factors for Breast Cancer – Prospective Follow-up in the Northern Finland Birth Cohort 1966. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 616-622.	2.5	0

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91	How breast cancer recurrences are found â€" a real-world, prospective cohort study. Acta OncolÃ³gica, 2022, 61, 417-424.	1.8	0