

Mohammad Esmaeel Akbari

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

2,979
citations

394421

19
h-index

182427

51
g-index

125
all docs

125
docs citations

125
times ranked

5426
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	7.1	1,691
2	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. <i>Biomolecules</i> , 2020, 10, 1159.	4.0	89
3	Feasibility, Safety, and Beneficial Effects of MCT-Based Ketogenic Diet for Breast Cancer Treatment: A Randomized Controlled Trial Study. <i>Nutrition and Cancer</i> , 2020, 72, 627-634.	2.0	74
4	Melatonin, an inhibitory agent in breast cancer. <i>Breast Cancer</i> , 2017, 24, 42-51.	2.9	70
5	Effects of Ketogenic metabolic therapy on patients with breast cancer: A randomized controlled clinical trial. <i>Clinical Nutrition</i> , 2021, 40, 751-758.	5.0	53
6	Breast Cancer Status in Iran: Statistical Analysis of 3010 Cases between 1998 and 2014. <i>International Journal of Breast Cancer</i> , 2017, 2017, 1-10.	1.2	48
7	The Role and Function of Ras-association domain family in Cancer: A Review. <i>Genes and Diseases</i> , 2019, 6, 378-384.	3.4	47
8	COVID-19 Management in Iran as One of the Most Affected Countries in the World: Advantages and Weaknesses. <i>Frontiers in Public Health</i> , 2020, 8, 510.	2.7	47
9	The roles of tumor-derived exosomes in altered differentiation, maturation and function of dendritic cells. <i>Molecular Cancer</i> , 2021, 20, 83.	19.2	47
10	Melatonin promotes ATO-induced apoptosis in MCF-7 cells: Proposing novel therapeutic potential for breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 456-465.	5.6	46
11	Gene expression profiling of the 8q22-24 position in human breast cancer: TSPYL5, MTDH, ATAD2 and CCNE2 genes are implicated in oncogenesis, while WISP1 and EXT1 genes may predict a risk of metastasis. <i>Oncology Letters</i> , 2016, 12, 3845-3855.	1.8	38
12	Cancer exosomes and natural killer cells dysfunction: biological roles, clinical significance and implications for immunotherapy. <i>Molecular Cancer</i> , 2022, 21, 15.	19.2	38
13	Parameter estimation of breast tumour using dynamic neural network from thermal pattern. <i>Journal of Advanced Research</i> , 2016, 7, 1045-1055.	9.5	34
14	The Hippo Tumor Suppressor Pathway (YAP/TAZ/TEAD/MST/LATS) and EGFR-RAS-RAF-MEK in cancer metastasis. <i>Genes and Diseases</i> , 2021, 8, 48-60.	3.4	33
15	Using Nanochelating Technology for Biofortification and Yield Increase in Rice. <i>Scientific Reports</i> , 2020, 10, 4351.	3.3	32
16	Effectiveness of group training based on acceptance and commitment therapy on anxiety and depression of women with breast cancer. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, 71-6.	0.7	29
17	Factors affecting spiritual care practices of oncology nurses: a qualitative study. <i>Supportive Care in Cancer</i> , 2019, 27, 901-909.	2.2	27
18	COVID-19 related coagulopathy: A review of pathophysiology and pharmaceutical management. <i>Cell Biology International</i> , 2021, 45, 1832-1850.	3.0	27

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19	Vitamin D Status and Risk of Breast Cancer in Iranian Women: A Caseâ€“Control Study. <i>Journal of the American College of Nutrition</i> , 2016, 35, 639-646.	1.8	23
20	Breast Cancer Survival Analysis Based on Immunohistochemistry Subtypes (ER/PR/HER2): a Retrospective Cohort Study. <i>Archives of Iranian Medicine</i> , 2016, 19, 680-686.	0.6	19
21	A vascular network matching in dynamic thermography for breast cancer detection. <i>Quantitative InfraRed Thermography Journal</i> , 2015, 12, 24-36.	4.2	18
22	The Islamic Perspective of Spiritual Intervention Effectiveness on Bio-Psychological Health Displayed by Gene Expression in Breast Cancer Patients. <i>Iranian Journal of Cancer Prevention</i> , 2016, In Press, e6360.	0.7	16
23	Vitamin D Receptor Genetic Variation and Cancer Biomarkers among Breast Cancer Patients Supplemented with Vitamin D3: A Single-Arm Non-Randomized Before and After Trial. <i>Nutrients</i> , 2019, 11, 1264.	4.1	16
24	Identification and Validation of Stage-Associated PBMC Biomarkers in Breast Cancer Using MS-Based Proteomics. <i>Frontiers in Oncology</i> , 2020, 10, 1101.	2.8	16
25	The Vitamins Involved in One-Carbon Metabolisms are Associated with Reduced Risk of Breast Cancer in Overall and Subtypes. <i>International Journal for Vitamin and Nutrition Research</i> , 2020, 90, 131-140.	1.5	15
26	Neutrophil-to-lymphocyte ratio (NLR) greater than 6.5 may reflect the progression of COVID-19 towards an unfavorable clinical outcome. <i>Iranian Journal of Microbiology</i> , 2020, 12, 466-474.	0.8	15
27	A randomized, double-blind, placebo-controlled investigation of BCc1 nanomedicine effect on survival and quality of life in metastatic and non-metastatic gastric cancer patients. <i>Journal of Nanobiotechnology</i> , 2019, 17, 52.	9.1	14
28	A new formulation of polymer gel dosimeter with reduced toxicity: Dosimetric characteristics and radiological properties. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 185-193.	1.5	14
29	Consequences of Spiritual Care for Cancer Patients and Oncology Nurses: a Qualitative Study. <i>Asia-Pacific Journal of Oncology Nursing</i> , 2019, 6, 137-144.	1.6	14
30	Development of a new method for sampling and monitoring oncology staff exposed to cyclophosphamide drug. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 238.	2.7	11
31	Prognostic factors associated with locoregional relapses, metastatic relapses, and death among women with breast cancer. Population-based cohort study. <i>Breast</i> , 2019, 48, 82-88.	2.2	11
32	Perceptions of Spiritual Dryness in Iran During the COVID-19 Pandemic. <i>Journal of Religion and Health</i> , 2021, 60, 3347-3371.	1.7	11
33	Mammography and Ultrasonography Reports Compared with Tissue Diagnosis - An Evidence Based Study in Iran, 2010. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 1907-1910.	1.2	11
34	Electrically guided interventional radiology, in-vivo electrochemical tracing of suspicious lesions to breast cancer prior to core needle biopsy. <i>Biosensors and Bioelectronics</i> , 2020, 161, 112209.	10.1	10
35	Differential alteration trend of white blood cells (WBCs) and monocytes count in severe and non-severe COVID-19 patients within a 7-day follow-up. <i>Iranian Journal of Microbiology</i> , 2021, 13, 8-16.	0.8	10
36	The diversity in the expression profile of caveolin II transcripts, considering its new transcript in breast cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2168-2178.	2.6	10

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37	Oral Lymphoma Prevalence in Iranian Population: A Multicenter Retrospective Study. Iranian Journal of Cancer Prevention, 2015, 8, e4124.	0.7	10
38	High Body Mass Index and Young Age Are not Associated with Post-Mastectomy Pain Syndrome in Breast Cancer Survivors: A Case-Control Study. Iranian Journal of Cancer Prevention, 2015, 8, 29-35.	0.7	10
39	Breast cancer screening (BCS) chart: a basic and preliminary model for making screening mammography more productive and efficient. Journal of Public Health, 2018, 40, e118-e125.	1.8	9
40	Vitamin D receptor gene polymorphisms affecting changes in visceral fat, waist circumference and lipid profile in breast cancer survivors supplemented with vitamin D3. Lipids in Health and Disease, 2019, 18, 161.	3.0	9
41	BCc1, the novel antineoplastic nanocomplex, showed potent anticancer effects in vitro and in vivo. Drug Design, Development and Therapy, 2016, 10, 59.	4.3	8
42	Malignant Tumors of Tongue in Iranian Population. Iranian Journal of Cancer Prevention, 2016, 9, e4467.	0.7	8
43	Estimating Completeness of Cancer Registration in Iran with Capture-Recapture Methods. Asian Pacific Journal of Cancer Prevention, 2016, 17, 93-99.	1.2	8
44	Intraoperative pathologically-calibrated diagnosis of lymph nodes involved by breast cancer cells based on electrical impedance spectroscopy; a prospective diagnostic human model study. International Journal of Surgery, 2021, 96, 106166.	2.7	8
45	Saving the Breast Saves the Lives of Breast Cancer Patients. International Journal of Surgical Oncology, 2020, 2020, 1-8.	0.6	7
46	The elimination of measles in Iran. The Lancet Global Health, 2020, 8, e173-e174.	6.3	7
47	Capture-free deactivation of CTCs in the bloodstream; a metastasis suppression method by electrostatic stimulation of the peripheral blood. Biosensors and Bioelectronics, 2021, 183, 113194.	10.1	7
48	Dietary Carbohydrate Promotes Cell Survival in Cancer Via the Up-Regulation of Fat Mass and Obesity-Associated Gene Expression Level. The Malaysian Journal of Medical Sciences, 2019, 26, 8-17.	0.5	7
49	Relationships between Family Levels of Socioeconomic Status and Distribution of Breast Cancer Risk Factors. Iranian Journal of Cancer Prevention, 2015, 8, 53-9.	0.7	7
50	Spiritual care experiences by cancer patients, their family caregivers and healthcare team members in oncology practice settings: A qualitative study. Explore: the Journal of Science and Healing, 2021, 17, 430-437.	1.0	6
51	The Translation and Psychometric Evaluation of the Persian Version of Brief Multidimensional Life Satisfaction Scale for Iranian Patients with Cancer. International Journal of Cancer Management, 2021, 14, .	0.4	6
52	Comprehensive analysis of Iranian reports of pediatric central nervous system tumors. Child's Nervous System, 2017, 33, 1481-1490.	1.1	5
53	Transcriptomic and proteomic approaches reveal biological basis of intraoperative radiotherapy-treated tumor bed modification in breast cancer patients: A pilot study. Journal of Proteomics, 2020, 212, 103596.	2.4	5
54	Associations of demographic, socioeconomic, self-rated health, and metastasis in colorectal cancer in Iran. Medical Journal of the Islamic Republic of Iran, 2019, 33, 17.	0.9	5

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55	Comparing the performance of image enhancement methods to detect microcalcification clusters in digital mammography. Iranian Journal of Cancer Prevention, 2012, 5, 61-8.	0.7	5
56	Evaluating resident physicians' knowledge, attitude, and practice regarding the pain control in cancer patients. Iranian Journal of Cancer Prevention, 2015, 8, 1-10.	0.7	5
57	The roles of DNA epigenetics and clinical significance in Chronic Myeloid Leukemia: a review. Cellular and Molecular Biology, 2018, 64, 58-63.	0.9	5
58	In vivo dosimetry using radiochromic films (EBT-2) during intraoperative radiotherapy. Journal of Radiotherapy in Practice, 2016, 15, 378-384.	0.5	4
59	Genomic Profiling of Chronic Myelogenous Leukemia: Basic and Clinical Approach. Journal of Cancer Prevention, 2017, 22, 74-81.	2.0	4
60	Evaluating the Correlation Between the Survival Rate of Patients with Esophageal Squamous Cell Carcinoma and Expression of p53 and Cyclin D1 Biomarkers Along with Other Prognostic Factors. Journal of Gastrointestinal Cancer, 2018, 49, 35-40.	1.3	4
61	Effect of vitamin D receptor polymorphisms on plasma oxidative stress and apoptotic biomarkers among breast cancer survivors supplemented vitamin D3. European Journal of Cancer Prevention, 2020, 29, 433-444.	1.3	4
62	Recommendations for spiritual care in cancer patients: a clinical practice guideline for oncology nurses in Iran. Supportive Care in Cancer, 2020, 28, 5381-5395.	2.2	4
63	Five-year Survival Rate of Bladder Cancer in Iran during 2001-2007. Iranian Journal of Pathology, 2021, 16, 69-74.	0.5	4
64	Development and characterization of an all-in-one gamma probe with auto-peak detection for sentinel lymph node biopsy based on NEMA NU3-2004 standard. Annals of Nuclear Medicine, 2021, 35, 438-446.	2.2	4
65	Evaluation of Sexual Function in Breast Cancer Survivors Using Female Sexual Function Index: A Systematic Review. International Journal of Women's Health and Reproduction Sciences, 2019, 7, 434-441.	0.4	4
66	Socio-Economic Status Inequity in Self Rated Health in Patients with Breast Cancer. Open Access Macedonian Journal of Medical Sciences, 2019, 7, 152-156.	0.2	4
67	Hope therapy in cancer patients: a systematic review. Supportive Care in Cancer, 2022, , 1.	2.2	4
68	<p>Effects of BCc1 nanoparticle and its mixture with doxorubicin on survival of murine 4T1 tumor model</p>. OncoTargets and Therapy, 2019, Volume 12, 4691-4701.	2.0	3
69	Descriptive Epidemiology of Brain and Central Nervous System Tumours: Results from Iran National Cancer Registry, 2010-2014. Journal of Cancer Epidemiology, 2020, 2020, 1-10.	1.1	3
70	Perceived Barriers to Early Detection of Breast Cancer in Iranian Women: A Qualitative Content Analysis. International Journal of Cancer Management, 2020, 13, .	0.4	3
71	Granzyme h serum levels variations with both reproductive hormone receptors, and related hormone receptors in breast cancer patients. Iranian Journal of Cancer Prevention, 2014, 7, 48-52.	0.7	3
72	National health guidelines in I.R of iran, an innovative approach for developing countries. Iranian Journal of Cancer Prevention, 2015, 8, 77-83.	0.7	3

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73	Survival Rate and Prognostic Factors among Iranian Breast Cancer Patients. Iranian Journal of Public Health, 2020, 49, 341-350.	0.5	3
74	Electrochemical measuring of reactive oxygen species levels in the blood to detect ratio of high-density neutrophils, suitable to alarm presence of cancer in suspicious cases. Journal of Pharmaceutical and Biomedical Analysis, 2022, 209, 114488.	2.8	3
75	Human study on cancer diagnostic probe (CDP) for real-time excising of breast positive cavity side margins based on tracing hypoxia glycolysis; checking diagnostic accuracy in non-neoadjuvant cases. Cancer Medicine, 2022, 11, 1630-1645.	2.8	3
76	Association between thrombocytopenia and platelet profile with morbidity/mortality of severe and non-severe COVID-19 patients. Revista Da Associação Médica Brasileira, 2021, 67, 1670-1675.	0.7	3
77	Radiobiological effects of wound fluid on breast cancer cell lines and human-derived tumor spheroids in 2D and microfluidic culture. Scientific Reports, 2022, 12, 7668.	3.3	3
78	Effect of Cognitive-Behavioral Therapy and Spiritual-Religious Intervention on Improving Coping Responses and Quality of Life Among Women Surviving from Breast Cancer. European Psychiatry, 2017, 41, s775-s775.	0.2	2
79	Survival probability and prognostic factors of Iranian breast cancer patients using cure rate model. Breast Journal, 2018, 24, 1015-1018.	1.0	2
80	Less Axillary Lymphadenectomy is More Beneficial: 27-Year Follow-up of Patients with Breast Cancer. International Journal of Cancer Management, 2021, 14, .	0.4	2
81	Mobile Spine Osseous Sarcoma: Descriptive Epidemiological Analysis Based on a National Population-Based Study. Archives of Iranian Medicine, 2021, 24, 629-635.	0.6	2
82	First Experience of Intraoperative Radiation Therapy in Cerebral High Grade Glioma in Iran: A Report of Three Cases and Literature Review. Iranian Journal of Cancer Prevention, 2015, 8, e3795.	0.7	2
83	Cancer Screening, Effective or Harmful?. Iranian Journal of Cancer Prevention, 2016, In Press, e6633.	0.7	2
84	Prediction of lung cells oncogenic transformation for induced radon progeny alpha particles using sugarscape cellular automata. Iranian Journal of Cancer Prevention, 2014, 7, 40-7.	0.7	2
85	Relationship of Socio Economic Status, Income, and Education with the Survival Rate of Breast Cancer: A Meta-Analysis. Iranian Journal of Public Health, 2019, 48, 1428-1438.	0.5	2
86	The Survival and Incidence Rate of Ewing Sarcoma; a National Population-based Study in Iran (2008-2015). Archives of Bone and Joint Surgery, 2020, 8, 391-399.	0.2	2
87	Effect of Post IORT Wound Fluid Secretion (PIWFS) on the Behavior of Breast Cancer Cells: Stimulator or Inhibitor; Report of an Experimental Study on Breast Cancer. Archives of Iranian Medicine, 2022, 25, 78-84.	0.6	2
88	Accuracy of cancer diagnostic probe (CDP) for intra-surgical checking of cavity side margins in neoadjuvant breast cancer cases; A human model study. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, , e2335.	2.3	1
89	Assessment on the Prognostic Validity of Dissected and Positive Lymph Node Counts and Lymph Node Ratio in Patients with Gastric Cancer: A Multi-central Cohort Study. International Journal of Cancer Management, 2021, 14, .	0.4	1
90	The Role of Patient in Patient Management. Iranian Journal of Cancer Prevention, 2015, 8, e3737.	0.7	1

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91	Outcomes of Radical and Boost Dose of Intraoperative Radiotherapy with Electron and Low KV X-Ray Based on Islamic Republic Intraoperative Radiotherapy (IRIORT) Consensus and the External Beam Radiotherapy in Pure Ductal Carcinoma in Situ (DCIS) in Breast Cancer Patients. <i>International Journal of Cancer Management</i> , 2020, 13, .	0.4	1
92	Assessment the effect of vitamin D supplementation on plasma vitamin D levels, inflammation, and oxidative stress biomarkers based on vitamin D receptor genetic variation in breast cancer survivors: a protocol for clinical trial. <i>Journal of Health, Population and Nutrition</i> , 2021, 40, 46.	2.0	1
93	Induced Demand in Cancer Diagnosis. <i>International Journal of Cancer Management</i> , 2020, 13, .	0.4	1
94	Ethics of palliative surgery in esophageal cancer. <i>Iranian Journal of Cancer Prevention</i> , 2013, 6, 8-11.	0.7	1
95	The Estimation of Survival Function for Colon Cancer Data in Tehran Using Non-parametric Bayesian Model. <i>Iranian Journal of Cancer Prevention</i> , 2013, 6, 141-6.	0.7	1
96	Effect of Patho- Biological Factors on the Survival of Recurrent Breast Cancer Cases. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 949-953.	1.2	1
97	Stimulatory Effect of Indolic Hormone on AsO Cytotoxicity in Breast Cancer Cells: NF- κ B-dependent Mechanism of Action of Melatonin. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 158-168.	1.1	1
98	Identification of as A Potential Non-Invasive Breast Cancer Biomarker in Peripheral Blood Mononuclear Cells Using The Systems Biology Approach. <i>Cell Journal</i> , 2021, 23, 406-413.	0.2	1
99	Epidemiology of small intestine cancer in Iran. <i>Cancer Reports</i> , 2021, , e1593.	1.4	1
100	Effects of Wound Fluid on Breast Cancer-derived Spheroids in a 3D Culture System: A Case Series Study. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 21, .	0.5	1
101	Association between Gastric Cancer Mortality-to-Incidence Ratio and Human Development Index: Evidence from the Global Burden of Disease Study 2016. <i>Archives of Iranian Medicine</i> , 2021, 24, 869-875.	0.6	1
102	Spatiotemporal analysis of childhood cancers in Iran (2005-2013). <i>Spatial and Spatio-temporal Epidemiology</i> , 2022, 42, 100510.	1.7	1
103	Epidemiology of pediatric sarcoma in Iran. <i>Cancer Reports</i> , 2023, 6, .	1.4	1
104	The Mediating Role of Spiritual Health in Adherence to Treatment in Patients with Cancer. <i>International Journal of Cancer Management</i> , 2022, 15, .	0.4	1
105	The Role of Family and Care Givers of Cancer Survivors in Patient Management. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, e4302.	0.7	0
106	Interaction Effects of Vitamin D Receptor Polymorphisms and Vitamin D3 Supplementation on Plasma Oxidative Stress and Apoptotic Biomarkers Among Breast Cancer Survivors (P05-027-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz030.P05-027-19.	0.3	0
107	Trends of Colorectal Cancer Epidemiology and Morphology in Tehran Metropolis, Iran from 2006 to 2015. <i>International Journal of Cancer Management</i> , 2021, 14, .	0.4	0
108	Vitamin D Receptor (VDR) Allelic Variants Correlating with Response to Vitamin D3 Supplementation in Breast Cancer Survivors. <i>Nutrition and Cancer</i> , 2021, , 1-14.	2.0	0

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109	Sarcomas Epidemiology in Iran: Analysis of Data from Iranian National Cancer Registry between 2009 and 2014. <i>International Journal of Cancer Management</i> , 2021, 14, .	0.4	0
110	Incidence of Hematopoietic Sarcoma in Iranian Population. <i>Archives of Iranian Medicine</i> , 2021, 24, 461-466.	0.6	0
111	Population Age Structures of Nations with COVID-19 and Attributed Deaths. <i>Jundishapur Journal of Chronic Disease Care</i> , 2021, 10, .	0.3	0
112	Social Disparities in Post-diagnosis Health Behaviors of Iranian Breast Cancer Survivors: The Mediating Role of Psychosocial Factors as Potential Buffering Agents. <i>International Journal of Cancer Management</i> , 2021, 14, .	0.4	0
113	Who is Responsible?. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, e2609.	0.7	0
114	Health Manpower Development (HMD) Corner Stone of Improving National Health System. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, e5005.	0.7	0
115	Health Manpower Development (HMD) Corner Stone of Improving National Health System. <i>Iranian Journal of Cancer Prevention</i> , 2016, InPress, e5625.	0.7	0
116	Cancer Screening, Effective or Harmful?. <i>Iranian Journal of Cancer Prevention</i> , 2016, 9, e7616.	0.7	0
117	Urological Sarcoma Among the Iranian Population; A National Registry-Based Study. <i>International Journal of Cancer Management</i> , 2020, 13, .	0.4	0
118	Radio Frequency as the Risk Factor of Cancer, yes? No?. <i>Iranian Journal of Cancer Prevention</i> , 2015, 8, 69-70.	0.7	0
119	Pattern of Transporter Gene Expression in Pediatric Patients with Relapsed Acute Lymphoblastic Leukemia. <i>Reports of Biochemistry and Molecular Biology</i> , 2019, 8, 184-193.	1.4	0
120	Surgery priority at the time of COVID-19 pandemic, a conceptual frame work recommendation. <i>Caspian Journal of Internal Medicine</i> , 2020, 11, 577-579.	0.2	0
121	Factors Related to Nurses and Physicians's Knowledge and Attitudes Towards Palliative Care. <i>International Journal of Cancer Management</i> , 2022, 15, .	0.4	0
122	Breast Sarcoma Incidence Rate: A National Study in Iran. <i>International Journal of Cancer Management</i> , 2022, 15, .	0.4	0