

Shu Kay Ng

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

7,372
citations

159585

30
h-index

56724

83
g-index

130
all docs

130
docs citations

130
times ranked

9334
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing Organisational Management Frameworks to Empower Episodic Volunteering. <i>Voluntas</i> , 2022, 33, 217-228.	1.7	2
2	Retaining volunteers for the cause: Hope and pride associated with cause-related charity events in cancer control. <i>International Journal of Nonprofit and Voluntary Sector Marketing</i> , 2022, 27, e1707.	0.8	2
3	Joint frailty modeling of time-to-event data to elicit the evolution pathway of events: a generalized linear mixed model approach. <i>Biostatistics</i> , 2022, 24, 108-123.	1.5	2
4	Risk of extracolonic second primary cancers following a primary colorectal cancer: a systematic review and meta-analysis. <i>International Journal of Colorectal Disease</i> , 2022, 37, 541-551.	2.2	5
5	Comparison of skin cancer awareness and sun protection behaviours between renal transplant recipients and patients with glomerular disease treated with immunosuppressants. <i>Nephrology</i> , 2021, 26, 294-302.	1.6	4
6	A fast adaptive Lasso for the cox regression via safe screening rules. <i>Journal of Statistical Computation and Simulation</i> , 2021, 91, 3005-3027.	1.2	3
7	Can Administrative Health Data Improve the Gold Standard? Evidence from a Model of the Progression of Myocardial Infarction. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7385.	2.6	0
8	Mixture cure models with time-varying and multilevel frailties for recurrent event data. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1368-1385.	1.5	8
9	Ten-year quality of life outcomes in men with prostate cancer. <i>Psycho-Oncology</i> , 2020, 29, 444-449.	2.3	17
10	A bivariate joint frailty model with mixture framework for survival analysis of recurrent events with dependent censoring and cure fraction. <i>Biometrics</i> , 2020, 76, 753-766.	1.4	10
11	Characterization of miR-200 family members as blood biomarkers for human and laying hen ovarian cancer. <i>Scientific Reports</i> , 2020, 10, 20071.	3.3	16
12	Trading Health for Wealth: The Effect of COVID-19 Response Stringency. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8725.	2.6	36
13	Protocol and establishment of a Queensland renal biopsy registry in Australia. <i>BMC Nephrology</i> , 2020, 21, 320.	1.8	2
14	The Effect of Multimorbidity Patterns and the Impact of Comorbid Anxiety and Depression on Primary Health Service Use: The Men Androgen Inflammation Lifestyle Environment and Stress (MAILES) Study. <i>American Journal of Men's Health</i> , 2020, 14, 155798832095999.	1.6	2
15	Transanal total mesorectal excision the Gold Coast experience: learning curve and comparison to traditional technique. <i>ANZ Journal of Surgery</i> , 2020, 90, 1316-1320.	0.7	3
16	Pharmacokinetic modeling to determine the minimum effective dose of disease-specific antibodies for preventing hepatitis A post-exposure. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 641-644.	3.3	0
17	MicroRNA-200 family governs ovarian inclusion cyst formation and mode of ovarian cancer spread. <i>Oncogene</i> , 2020, 39, 4045-4060.	5.9	13
18	Adaptations to cognitive problems reported by breast cancer survivors seeking cognitive rehabilitation: A qualitative study. <i>Psycho-Oncology</i> , 2019, 28, 2042-2048.	2.3	5

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19	Prolotherapy injections and physiotherapy used singly and in combination for lateral epicondylalgia: a single-blinded randomised clinical trial. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 509.	1.9	27
20	Identifying compliant participants through data matching improved estimation of intervention efficacy: randomized trials with opt-in/opt-out strategies. <i>Journal of Clinical Epidemiology</i> , 2019, 115, 125-132.	5.0	1
21	Long term outcomes of open reduction internal fixation versus external fixation of distal radius fractures: A meta-analysis. <i>Orthopedic Reviews</i> , 2019, 11, 7809.	1.3	8
22	Pelvic floor ultrasound findings in Ugandan women with obstetric fistula, unrepaired fourth degree obstetric tear, and pelvic organ prolapse. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2019, 59, 585-589.	1.0	3
23	Incidence of intimate partner violence among Ugandan women with pelvic floor dysfunction. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 144, 309-313.	2.3	1
24	Multilevel model with random effects for clustered survival data with multiple failure outcomes. <i>Statistics in Medicine</i> , 2019, 38, 1036-1055.	1.6	6
25	Unsupervised pattern recognition of mixed data structures with numerical and categorical features using a mixture regression modelling framework. <i>Pattern Recognition</i> , 2019, 88, 261-271.	8.1	12
26	Determinants of Changes in Metabolic Syndrome Components in a 12-Year Cohort of Iranian Adults. <i>Metabolic Syndrome and Related Disorders</i> , 2019, 17, 120-127.	1.3	1
27	The Impact of Population-Based Disease Management Services on Health Care Utilisation and Costs: Results of the CAPICHe Trial. <i>Journal of General Internal Medicine</i> , 2019, 34, 41-48.	2.6	9
28	Life stress and symptoms of anxiety and depression in women after cancer: The mediating effect of stress appraisal and coping. <i>Psycho-Oncology</i> , 2018, 27, 1787-1794.	2.3	29
29	Mass drug administration and the sustainable control of schistosomiasis: Community health workers are vital for global elimination efforts. <i>International Journal of Infectious Diseases</i> , 2018, 66, 14-21.	3.3	24
30	Private Health Insurance Incentives in Australia: In Search of Cost-Effective Adjustments. <i>Applied Health Economics and Health Policy</i> , 2018, 16, 31-41.	2.1	9
31	Harvest of lymph nodes in colorectal cancer depends on demographic and clinical characteristics of the patients. <i>International Journal of Colorectal Disease</i> , 2018, 33, 19-22.	2.2	8
32	Geographic Disparities in Previously Diagnosed Health Conditions in Colorectal Cancer Patients Are Largely Explained by Age and Area Level Disadvantage. <i>Frontiers in Oncology</i> , 2018, 8, 372.	2.8	2
33	Mass drug administration and the sustainable control of schistosomiasis: an evaluation of treatment compliance in the rural Philippines. <i>Parasites and Vectors</i> , 2018, 11, 441.	2.5	31
34	Relationship between ultrasound detected tendon abnormalities, and sensory and clinical characteristics in people with chronic lateral epicondylalgia. <i>PLoS ONE</i> , 2018, 13, e0205171.	2.5	18
35	Patterns of multimorbid health conditions: a systematic review of analytical methods and comparison analysis. <i>International Journal of Epidemiology</i> , 2018, 47, 1687-1704.	1.9	82
36	Dietary patterns of Australian children at three and five years of age and their changes over time: A latent class and latent transition analysis. <i>Appetite</i> , 2018, 129, 207-216.	3.7	12

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37	The optimal dose of disease-specific antibodies for post-exposure prophylaxis of measles and rubella in Australia: new guidelines recommended. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 663-669.	3.3	4
38	Trajectories of quality of life, life satisfaction, and psychological adjustment after prostate cancer. <i>Psycho-Oncology</i> , 2017, 26, 1576-1585.	2.3	91
39	Secular Trend of Metabolic Syndrome and Its Components in a Cohort of Iranian Adults from 2001 to 2013. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 137-144.	1.3	24
40	Clustering. <i>Methods in Molecular Biology</i> , 2017, 1526, 345-362.	0.9	13
41	Exploring the impact of endometriosis on partners. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 1048-1053.	1.3	29
42	Characterization of MicroRNA-200 pathway in ovarian cancer and serous intraepithelial carcinoma of fallopian tube. <i>BMC Cancer</i> , 2017, 17, 422.	2.6	12
43	Diagnosing schistosomiasis-induced liver morbidity: implications for global control. <i>International Journal of Infectious Diseases</i> , 2017, 54, 138-144.	3.3	23
44	Biennial versus annual treatment for schistosomiasis and its impact on liver morbidity. <i>International Journal of Infectious Diseases</i> , 2017, 54, 145-149.	3.3	18
45	Risk factors for human helminthiases in rural Philippines. <i>International Journal of Infectious Diseases</i> , 2017, 54, 150-155.	3.3	23
46	Mental health screening in women with severe pelvic organ prolapse, chronic fourth-degree obstetric tear and genital tract fistula in western Uganda. <i>International Urogynecology Journal</i> , 2017, 28, 893-897.	1.4	13
47	Poverty, Dietary Intake, Intestinal Parasites, and Nutritional Status among School-Age Children in the Rural Philippines. <i>Tropical Medicine and Infectious Disease</i> , 2017, 2, 49.	2.3	13
48	Finite Mixture Models in Biostatistics. <i>Handbook of Statistics</i> , 2017, 36, 75-102.	0.6	0
49	Prevalence and Trends of Vitamin D Deficiency among Iranian Adults: A Longitudinal Study from 2001-2013. <i>Journal of Nutritional Science and Vitaminology</i> , 2017, 63, 284-290.	0.6	17
50	On the Identification of Correlated Differential Features for Supervised Classification of High-Dimensional Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2017, , 43-57.	0.2	1
51	A Colorectal Unit with an Enhanced Recovery After Surgery (ERAS) Programme Improves Surgical Outcomes in a Major Metropolitan Hospital. <i>Annals of Colorectal Research</i> , 2017, In Press, .	0.1	0
52	Finding group structures in "Big Data" in healthcare research using mixture models. , 2016, , .		0
53	Contactable Non-responders Show Different Characteristics Compared to Lost to Follow-Up Participants: Insights from an Australian Longitudinal Birth Cohort Study. <i>Maternal and Child Health Journal</i> , 2016, 20, 1472-1484.	1.5	9
54	Cyclin A1 expression and paclitaxel resistance in human ovarian cancer cells. <i>European Journal of Cancer</i> , 2016, 67, 152-163.	2.8	31

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55	Agreement between a physiotherapist and an orthopaedic surgeon regarding management and prescription of corticosteroid injection for patients with shoulder pain. <i>Manual Therapy</i> , 2016, 26, 216-222.	1.6	14
56	Increasing Capacity for the Treatment of Common Musculoskeletal Problems: A Non-Inferiority RCT and Economic Analysis of Corticosteroid Injection for Shoulder Pain Comparing a Physiotherapist and Orthopaedic Surgeon. <i>PLoS ONE</i> , 2016, 11, e0162679.	2.5	12
57	Epithelialization of mouse ovarian tumor cells originating in the fallopian tube stroma. <i>Oncotarget</i> , 2016, 7, 66077-66086.	1.8	13
58	Loss of E-cadherin disrupts ovarian epithelial inclusion cyst formation and collective cell movement in ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 4110-4121.	1.8	32
59	Pinin interacts with C-terminal binding proteins for RNA alternative splicing and epithelial cell identity of human ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 11397-11411.	1.8	30
60	A two-way clustering framework to identify disparities in multimorbidity patterns of mental and physical health conditions among Australians. <i>Statistics in Medicine</i> , 2015, 34, 3444-3460.	1.6	14
61	Inference on differences between classes using cluster-specific contrasts of mixed effects. <i>Biostatistics</i> , 2015, 16, 98-112.	1.5	14
62	The Relationship Between Maternal Education and Child Health Outcomes in Urban Australian Children in the First 12 Months of Life. <i>Maternal and Child Health Journal</i> , 2015, 19, 2501-2511.	1.5	13
63	Molecular changes in endometriosis-associated ovarian clear cell carcinoma. <i>European Journal of Cancer</i> , 2015, 51, 1831-1842.	2.8	44
64	Socioeconomic disparities in prepregnancy BMI and impact on maternal and neonatal outcomes and postpartum weight retention: the EFHL longitudinal birth cohort study. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 314.	2.4	60
65	Maternal pregravid body mass index and child hospital admissions in the first 5 years of life: results from an Australian birth cohort. <i>International Journal of Obesity</i> , 2014, 38, 1268-1274.	3.4	19
66	An experienced physiotherapist prescribing and administering corticosteroid and local anaesthetic injections to the shoulder in an Australian orthopaedic service, a non-inferiority randomised controlled trial and economic analysis: study protocol for a randomised controlled trial. <i>Trials</i> , 2014, 15, 503.	1.6	11
67	Knowledge and attitudes towards genetic testing in those affected with Parkinson's disease. <i>Journal of Community Genetics</i> , 2014, 5, 167-177.	1.2	16
68	Mixture models for clustering multilevel growth trajectories. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 43-51.	1.2	34
69	Endosalpingiosis as it relates to tubal, ovarian and serous neoplastic tissues: An immunohistochemical study of tubal and Müllerian antigens. <i>Gynecologic Oncology</i> , 2014, 132, 316-321.	1.4	28
70	Varying sun protection of young children by migrant and Australian-born mothers. <i>Australian and New Zealand Journal of Public Health</i> , 2014, 38, 513-517.	1.8	1
71	Joint Modeling and Registration of Cell Populations in Cohorts of High-Dimensional Flow Cytometric Data. <i>PLoS ONE</i> , 2014, 9, e100334.	2.5	41
72	Health-related quality of life and life satisfaction in colorectal cancer survivors: trajectories of adjustment. <i>Health and Quality of Life Outcomes</i> , 2013, 11, 46.	2.4	68

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73	Mapping of the PDQ-39 to EQ-5D scores in patients with Parkinson's disease. <i>Quality of Life Research</i> , 2013, 22, 1065-1072.	3.1	22
74	Using cluster analysis to improve gene selection in the formation of discriminant rules for the prediction of disease outcomes. , 2013, , .		0
75	Recent developments in expectation-maximization methods for analyzing complex data. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2013, 5, 415-431.	3.9	10
76	BRCA1 Expression Is Epigenetically Repressed in Sporadic Ovarian Cancer Cells by Overexpression of C-Terminal Binding Protein 2. <i>Neoplasia</i> , 2013, 15, 600-606.	5.3	23
77	C-terminal binding protein-2 regulates response of epithelial ovarian cancer cells to histone deacetylase inhibitors. <i>Oncogene</i> , 2013, 32, 3896-3903.	5.9	36
78	Clustering of Gene Expression Data Via Normal Mixture Models. <i>Methods in Molecular Biology</i> , 2013, 972, 103-119.	0.9	2
79	Automatic Segmentation of Molecular Pathology Images Using a Robust Mixture Model with Markov Random Fields. , 2013, , .		0
80	Trajectories of psychological distress after colorectal cancer. <i>Psycho-Oncology</i> , 2013, 22, 1759-1765.	2.3	130
81	Characterization of aldehyde dehydrogenase isozymes in ovarian cancer tissues and sphere cultures. <i>BMC Cancer</i> , 2012, 12, 329.	2.6	56
82	The EM Algorithm. , 2012, , 139-172.		57
83	Environments for Healthy Living (EFHL) Griffith Birth Cohort Study: Background and Methods. <i>Maternal and Child Health Journal</i> , 2012, 16, 1896-1905.	1.5	36
84	Clustering of time-course gene expression profiles using normal mixture models with autoregressive random effects. <i>BMC Bioinformatics</i> , 2012, 13, 300.	2.6	18
85	Identifying comorbidity patterns of health conditions via cluster analysis of pairwise concordance statistics. <i>Statistics in Medicine</i> , 2012, 31, 3393-3405.	1.6	43
86	Casein kinase I epsilon interacts with mitochondrial proteins for the growth and survival of human ovarian cancer cells. <i>EMBO Molecular Medicine</i> , 2012, 4, 952-963.	6.9	50
87	The impact of population-based disease management services for selected chronic conditions: the Costs to Australian Private Insurance - Coaching Health (CAPICHe) study protocol. <i>BMC Public Health</i> , 2012, 12, 114.	2.9	14
88	A mixed treatment comparison of the short-term efficacy of biologic disease modifying anti-rheumatic drugs in established rheumatoid arthritis. <i>Current Medical Research and Opinion</i> , 2011, 27, 1885-1897.	1.9	36
89	Patterns of multimorbidity in working Australians. <i>Population Health Metrics</i> , 2011, 9, 15.	2.7	73
90	A very fast algorithm for matrix factorization. <i>Statistics and Probability Letters</i> , 2011, 81, 773-782.	0.7	17

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91	Prolotherapy injections and eccentric loading exercises for painful Achilles tendinosis: a randomised trial. <i>British Journal of Sports Medicine</i> , 2011, 45, 421-428.	6.7	179
92	A multivariate analysis of personality, values and expectations as correlates of career aspirations of final year medical students. <i>International Journal for Educational and Vocational Guidance</i> , 2010, 10, 177-189.	1.3	7
93	Risk factors and obstetric complications of large for gestational age births with adjustments for community effects: results from a new cohort study. <i>BMC Public Health</i> , 2010, 10, 460.	2.9	70
94	Autoantibody profiling to identify biomarkers of key pathogenic pathways in mucinous ovarian cancer. <i>European Journal of Cancer</i> , 2010, 46, 170-179.	2.8	33
95	Clustering of High-Dimensional and Correlated Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 3-11.	0.2	2
96	A computer graphical user interface for survival mixture modelling of recurrent infections. <i>Computers in Biology and Medicine</i> , 2009, 39, 301-307.	7.0	4
97	Multivariate Skew t Mixture Models: Applications to Fluorescence-Activated Cell Sorting Data. , 2009, , .		31
98	Ensemble Approach for the Classification of Imbalanced Data. <i>Lecture Notes in Computer Science</i> , 2009, , 291-300.	1.3	13
99	Comments on: Augmenting the bootstrap to analyze high dimensional genomic data. <i>Test</i> , 2008, 17, 43-46.	1.1	12
100	Top 10 algorithms in data mining. <i>Knowledge and Information Systems</i> , 2008, 14, 1-37.	3.2	4,153
101	Clustering. <i>Methods in Molecular Biology</i> , 2008, 453, 423-439.	0.9	9
102	Maternity Length of Stay Modelling by Gamma Mixture Regression with Random Effects. <i>Biometrical Journal</i> , 2007, 49, 750-764.	1.0	12
103	Extension of mixture-of-experts networks for binary classification of hierarchical data. <i>Artificial Intelligence in Medicine</i> , 2007, 41, 57-67.	6.5	25
104	An incremental EM-based learning approach for on-line prediction of hospital resource utilization. <i>Artificial Intelligence in Medicine</i> , 2006, 36, 257-267.	6.5	21
105	Selenium binding protein 1 in ovarian cancer. <i>International Journal of Cancer</i> , 2006, 118, 2433-2440.	5.1	90
106	A Mixture model with random-effects components for clustering correlated gene-expression profiles. <i>Bioinformatics</i> , 2006, 22, 1745-1752.	4.1	143
107	Multilevel modeling for inference of genetic regulatory networks. , 2005, , .		0
108	Use of Micro Array Data via Model-based Classification in the Study and Prediction of Survival from Lung Cancer. , 2005, , 163-173.		5

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109	Characterisation of human kallikrein 6/protease M expression in ovarian cancer. British Journal of Cancer, 2004, 91, 725-731.	6.4	49
110	Speeding up the EM algorithm for mixture model-based segmentation of magnetic resonance images. Pattern Recognition, 2004, 37, 1573-1589.	8.1	27
111	Modelling the distribution of ischaemic stroke-specific survival time using an EM-based mixture approach with random effects adjustment. Statistics in Medicine, 2004, 23, 2729-2744.	1.6	34
112	Using the EM Algorithm to Train Neural Networks: Misconceptions and a New Algorithm for Multiclass Classification. IEEE Transactions on Neural Networks, 2004, 15, 738-749.	4.2	39
113	Title is missing!. Statistics and Computing, 2003, 13, 45-55.	1.5	27
114	Modelling inpatient length of stay by a hierarchical mixture regression via the EM algorithm. Mathematical and Computer Modelling, 2003, 37, 365-375.	2.0	7
115	An EM-based semi-parametric mixture model approach to the regression analysis of competing-risks data. Statistics in Medicine, 2003, 22, 1097-1111.	1.6	32
116	Public versus private hospital maternity length of stay: a gamma mixture modelling approach. Health Services Management Research, 2002, 15, 46-54.	1.7	6
117	Theory & Methods: A zero-augmented gamma mixed model for longitudinal data with many zeros. Australian and New Zealand Journal of Statistics, 2002, 44, 177-183.	0.9	11
118	Relationship of XIST expression and responses of ovarian cancer to chemotherapy. Molecular Cancer Therapeutics, 2002, 1, 769-76.	4.1	92
119	Constrained mixture models in competing risks problems. Environmetrics, 1999, 10, 753-767.	1.4	2
120	On modifications to the long-term survival mixture model in the presence of competing risks. Journal of Statistical Computation and Simulation, 1998, 61, 77-96.	1.2	9
121	Hypertension and the risk of new-onset unprovoked seizures. Neurology, 1993, 43, 425-425.	1.1	81
122	Does Epidemiology Need a New Philosophy?. American Journal of Epidemiology, 1991, 133, 1073-1077.	3.4	9
123	ILLCIT DRUG USE AND THE RISK OF NEW-ONSET SEIZURES. American Journal of Epidemiology, 1990, 132, 47-57.	3.4	115
124	Alcohol Consumption and Withdrawal in New-Onset Seizures. New England Journal of Medicine, 1988, 319, 666-673.	27.0	188
125	Mixture Modelling for Medical and Health Sciences. , 0, , .		7