

Shu Kay Ng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5681651/publications.pdf>

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	Top 10 algorithms in data mining. Knowledge and Information Systems, 2008, 14, 1-37.	3.2	4,153
2	Alcohol Consumption and Withdrawal in New-Onset Seizures. New England Journal of Medicine, 1988, 319, 666-673.	27.0	188
3	Prolotherapy injections and eccentric loading exercises for painful Achilles tendinosis: a randomised trial. British Journal of Sports Medicine, 2011, 45, 421-428.	6.7	179
4	A Mixture model with random-effects components for clustering correlated gene-expression profiles. Bioinformatics, 2006, 22, 1745-1752.	4.1	143
5	Trajectories of psychological distress after colorectal cancer. Psycho-Oncology, 2013, 22, 1759-1765.	2.3	130
6	ILLICIT DRUG USE AND THE RISK OF NEW-ONSET SEIZURES. American Journal of Epidemiology, 1990, 132, 47-57.	3.4	115
7	Relationship of XIST expression and responses of ovarian cancer to chemotherapy. Molecular Cancer Therapeutics, 2002, 1, 769-76.	4.1	92
8	Trajectories of quality of life, life satisfaction, and psychological adjustment after prostate cancer. Psycho-Oncology, 2017, 26, 1576-1585.	2.3	91
9	Selenium binding protein 1 in ovarian cancer. International Journal of Cancer, 2006, 118, 2433-2440.	5.1	90
10	Patterns of multimorbid health conditions: a systematic review of analytical methods and comparison analysis. International Journal of Epidemiology, 2018, 47, 1687-1704.	1.9	82
11	Hypertension and the risk of new-onset unprovoked seizures. Neurology, 1993, 43, 425-425.	1.1	81
12	Patterns of multimorbidity in working Australians. Population Health Metrics, 2011, 9, 15.	2.7	73
13	Risk factors and obstetric complications of large for gestational age births with adjustments for community effects: results from a new cohort study. BMC Public Health, 2010, 10, 460.	2.9	70
14	Health-related quality of life and life satisfaction in colorectal cancer survivors: trajectories of adjustment. Health and Quality of Life Outcomes, 2013, 11, 46.	2.4	68
15	Socioeconomic disparities in prepregnancy BMI and impact on maternal and neonatal outcomes and postpartum weight retention: the EFHL longitudinal birth cohort study. BMC Pregnancy and Childbirth, 2014, 14, 314.	2.4	60
16	The EM Algorithm. , 2012, , 139-172.		57
17	Characterization of aldehyde dehydrogenase isozymes in ovarian cancer tissues and sphere cultures. BMC Cancer, 2012, 12, 329.	2.6	56
18	Casein kinase I epsilon interacts with mitochondrial proteins for the growth and survival of human ovarian cancer cells. EMBO Molecular Medicine, 2012, 4, 952-963.	6.9	50

#	ARTICLE	IF	CITATIONS
19	Characterisation of human kallikrein 6/protease M expression in ovarian cancer. <i>British Journal of Cancer</i> , 2004, 91, 725-731.	6.4	49
20	Molecular changes in endometriosis-associated ovarian clear cell carcinoma. <i>European Journal of Cancer</i> , 2015, 51, 1831-1842.	2.8	44
21	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
22	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
23	Using the EM Algorithm to Train Neural Networks: Misconceptions and a New Algorithm for Multiclass Classification. <i>IEEE Transactions on Neural Networks</i> , 2004, 15, 738-749.	4.2	39
24	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
25	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
26	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
27	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
28	Modelling the distribution of ischaemic stroke-specific survival time using an EM-based mixture approach with random effects adjustment. <i>Statistics in Medicine</i> , 2004, 23, 2729-2744.	1.6	34
29	Mixture models for clustering multilevel growth trajectories. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 43-51.	1.2	34
30	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
31	An EM-based semi-parametric mixture model approach to the regression analysis of competing-risks data. <i>Statistics in Medicine</i> , 2003, 22, 1097-1111.	1.6	32
32	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
33	Multivariate Skew t Mixture Models: Applications to Fluorescence-Activated Cell Sorting Data. , 2009, , .		31
34	Cyclin A1 expression and paclitaxel resistance in human ovarian cancer cells. <i>European Journal of Cancer</i> , 2016, 67, 152-163.	2.8	31
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Exploring the impact of endometriosis on partners. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 1048-1053.	1.3	29
38	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
39	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
40	Title is missing!. <i>Statistics and Computing</i> , 2003, 13, 45-55.	1.5	27
41	Speeding up the EM algorithm for mixture model-based segmentation of magnetic resonance images. <i>Pattern Recognition</i> , 2004, 37, 1573-1589.	8.1	27
42	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
43	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
44	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
45	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
46	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
47	Diagnosing schistosomiasis-induced liver morbidity: implications for global control. <i>International Journal of Infectious Diseases</i> , 2017, 54, 138-144.	3.3	23
48	Risk factors for human helminthiasis in rural Philippines. <i>International Journal of Infectious Diseases</i> , 2017, 54, 150-155.	3.3	23
49	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
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	A very fast algorithm for matrix factorization. <i>Statistics and Probability Letters</i> , 2011, 81, 773-782.	0.7	17
56	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
57	Ten-year quality of life outcomes in men with prostate cancer. <i>Psycho-Oncology</i> , 2020, 29, 444-449.	2.3	17
58	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
59	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
60	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
61	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
62	Inference on differences between classes using cluster-specific contrasts of mixed effects. <i>Biostatistics</i> , 2015, 16, 98-112.	1.5	14
63	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
64	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
65	Clustering. <i>Methods in Molecular Biology</i> , 2017, 1526, 345-362.	0.9	13
66	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
67	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
68	MicroRNA-200 family governs ovarian inclusion cyst formation and mode of ovarian cancer spread. <i>Oncogene</i> , 2020, 39, 4045-4060.	5.9	13
69	Ensemble Approach for the Classification of Imbalanced Data. <i>Lecture Notes in Computer Science</i> , 2009, , 291-300.	1.3	13
70	Epithelialization of mouse ovarian tumor cells originating in the fallopian tube stroma. <i>Oncotarget</i> , 2016, 7, 66077-66086.	1.8	13
71	Maternity Length of Stay Modelling by Gamma Mixture Regression with Random Effects. <i>Biometrical Journal</i> , 2007, 49, 750-764.	1.0	12
72	Comments on: Augmenting the bootstrap to analyze high dimensional genomic data. <i>Test</i> , 2008, 17, 43-46.	1.1	12

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	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
76	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
77	Theory & Methods: A zero-augmented gamma mixed model for longitudinal data with many zeros. <i>Australian and New Zealand Journal of Statistics</i> , 2002, 44, 177-183.	0.9	11
78	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
79	Recent developments in expectation-maximization methods for analyzing complex data. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2013, 5, 415-431.	3.9	10
80	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
81	Does Epidemiology Need a New Philosophy?. <i>American Journal of Epidemiology</i> , 1991, 133, 1073-1077.	3.4	9
82	On modifications to the long-term survival mixture model in the presence of competing risks. <i>Journal of Statistical Computation and Simulation</i> , 1998, 61, 77-96.	1.2	9
83	Clustering. <i>Methods in Molecular Biology</i> , 2008, 453, 423-439.	0.9	9
84	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
85	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
86	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
87	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
88	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
89	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
90	Modelling inpatient length of stay by a hierarchical mixture regression via the EM algorithm. <i>Mathematical and Computer Modelling</i> , 2003, 37, 365-375.	2.0	7

#	ARTICLE	IF	CITATIONS
91	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
92	Mixture Modelling for Medical and Health Sciences. , 0, , .		7
93	Public versus private hospital maternity length of stay: a gamma mixture modelling approach. <i>Health Services Management Research</i> , 2002, 15, 46-54.	1.7	6
94	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
95	Use of Micro Array Data via Model-based Classification in the Study and Prediction of Survival from Lung Cancer. , 2005, , 163-173.		5
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	Constrained mixture models in competing risks problems. <i>Environmetrics</i> , 1999, 10, 753-767.	1.4	2
105	Clustering of Gene Expression Data Via Normal Mixture Models. <i>Methods in Molecular Biology</i> , 2013, 972, 103-119.	0.9	2
106	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
107	Protocol and establishment of a Queensland renal biopsy registry in Australia. <i>BMC Nephrology</i> , 2020, 21, 320.	1.8	2
108	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

#	ARTICLE	IF	CITATIONS
109	Designing Organisational Management Frameworks to Empower Episodic Volunteering. <i>Voluntas</i> , 2022, 33, 217-228.	1.7	2
110	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
111	Clustering of High-Dimensional and Correlated Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 3-11.	0.2	2
112	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
113	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
114	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
115	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
116	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
117	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
118	Multilevel modeling for inference of genetic regulatory networks. , 2005, , .		0
119	Using cluster analysis to improve gene selection in the formation of discriminant rules for the prediction of disease outcomes. , 2013, , .		0
120	Automatic Segmentation of Molecular Pathology Images Using a Robust Mixture Model with Markov Random Fields. , 2013, , .		0
121	Finding group structures in "Big Data" in healthcare research using mixture models. , 2016, , .		0
122	Finite Mixture Models in Biostatistics. <i>Handbook of Statistics</i> , 2017, 36, 75-102.	0.6	0
123	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
124	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
125	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