Sandra L Taylor

List of Publications by Year
in descending order

90 papers	3,344 citations	126907 33 h-index	155660 55 g-index
91 all docs	91 docs citations	91 times ranked	5313 citing authors

#	Article	IF	Citations
1	Overdiagnosis of *Clostridium difficile* Infection in the Molecular Test Era. JAMA Internal Medicine, 2015, 175, 1792.	5.1	477
2	Autism Symptoms and Internalizing Psychopathology in Girls and Boys with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2012, 42, 48-59.	2.7	233
3	Urine Metabolomic Analysis Identifies Potential Biomarkers and Pathogenic Pathways in Kidney Cancer. OMICS A Journal of Integrative Biology, 2011, 15, 293-303.	2.0	145
4	Urinary acylcarnitines are altered in human kidney cancer. International Journal of Cancer, 2012, 130, 2791-2800.	5.1	122
5	Oxytocin and Vasopressin in Children and Adolescents With Autism Spectrum Disorders: Sex Differences and Associations With Symptoms. Autism Research, 2013, 6, 91-102.	3.8	119
6	Surgical Resident Involvement Is Safe for Common Elective General Surgery Procedures. Journal of the American College of Surgeons, 2011, 213, 19-26.	0.5	117
7	Kidney Tumor Biomarkers Revealed by Simultaneous Multiple Matrix Metabolomics Analysis. Cancer Research, 2012, 72, 3471-3479.	0.9	107
8	Protein-Specific Differential Glycosylation of Immunoglobulins in Serum of Ovarian Cancer Patients. Journal of Proteome Research, 2016, 15, 1002-1010.	3.7	87
9	Transfusion Requirement in Burn Care Evaluation (TRIBE). Annals of Surgery, 2017, 266, 595-602.	4.2	84
10	Metabolomic Markers of Altered Nucleotide Metabolism in Early Stage Adenocarcinoma. Cancer Prevention Research, 2015, 8, 410-418.	1.5	79
11	Mealtime, Temporal, and Daily Variability of the Human Urinary and Plasma Metabolomes in a Tightly Controlled Environment. PLoS ONE, 2014, 9, e86223.	2.5	72
12	Predicting mortality from burns: The need for age-group specific models. Burns, 2014, 40, 1106-1115.	1.9	72
13	Systemic Metabolomic Changes in Blood Samples of Lung Cancer Patients Identified by Gas Chromatography Time-of-Flight Mass Spectrometry. Metabolites, 2015, 5, 192-210.	2.9	69
14	High-volume hemofiltration in adult burn patients with septic shock and acute kidney injury: a multicenter randomized controlled trial. Critical Care, 2017, 21, 289.	5.8	69
15	Developmental–behavioral profiles in children with autism spectrum disorder and co‐occurring gastrointestinal symptoms. Autism Research, 2020, 13, 1778-1789.	3.8	64
16	Differential N-Glycosylation Patterns in Lung Adenocarcinoma Tissue. Journal of Proteome Research, 2015, 14, 4538-4549.	3.7	59
17	Investigation of Metabolomic Blood Biomarkers for Detection of Adenocarcinoma Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1716-1723.	2.5	58
18	Ultrasonographic thickening of the muscularis propria in feline small intestinal small cell T-cell lymphoma and inflammatory bowel disease. Journal of Feline Medicine and Surgery, 2014, 16, 89-98.	1.6	55

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19	A Competing Risk Analysis for Hospital Length of Stay in Patients With Burns. JAMA Surgery, 2015, 150, 450.	4.3	53
20	A metabolomics approach using juvenile cystic mice to identify urinary biomarkers and altered pathways in polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2010, 298, F909-F922.	2.7	50
21	Forest microenvironments and resting energetics of the American marten Martes Americana. Ecography, 1994, 17, 249-256.	4.5	46
22	Variability in PolyIC induced immune response: Implications for preclinical maternal immune activation models. Journal of Neuroimmunology, 2018, 323, 87-93.	2.3	46
23	Burn Center Volume Makes a Difference for Burned Children*. Pediatric Critical Care Medicine, 2015, 16, 319-324.	0.5	45
24	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. Cancer Biomarkers, 2016, 16, 609-617.	1.7	42
25	A Validity Review of the National Burn Repository. Journal of Burn Care and Research, 2013, 34, 274-280.	0.4	41
26	Evaluation of Glycomic Profiling as a Diagnostic Biomarker for Epithelial Ovarian Cancer. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 611-621.	2.5	40
27	The Influence of Shc Proteins on Life Span in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1177-1185.	3.6	37
28	Multiple Reaction Monitoring for the Quantitation of Serum Protein Glycosylation Profiles: Application to Ovarian Cancer. Journal of Proteome Research, 2018, 17, 222-233.	3.7	37
29	Hypothesis Tests for Point-Mass Mixture Data with Application to `Omics Data with Many Zero Values. Statistical Applications in Genetics and Molecular Biology, 2009, 8, 1-43.	0.6	36
30	Early Treatment With Fluconazole May Abrogate the Development of IgG Antibodies in Coccidioidomycosis. Clinical Infectious Diseases, 2011, 53, e20-e24.	5.8	36
31	Chip-based nLC-TOF-MS is a highly stable technology for large-scale high-throughput analyses. Analytical and Bioanalytical Chemistry, 2013, 405, 4953-4958.	3.7	35
32	Not all patients meet the 1 day per percent burn rule: A simple method for predicting hospital length of stay in patients with burn. Burns, 2017, 43, 282-289.	1.9	35
33	Enrichment strategies in glycomicsâ€‌based lung cancer biomarker development. Proteomics - Clinical Applications, 2013, 7, 664-676.	1.6	34
34	The Influence of Dietary Fat Source on Life Span in Calorie Restricted Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1181-1188.	3.6	34
35	Neuroprotective efficacy of P7C3 compounds in primate hippocampus. Translational Psychiatry, 2018, 8, 202.	4.8	34
36	Does wound eversion improve cosmetic outcome?. Journal of the American Academy of Dermatology, 2015, 72, 668-673.	1.2	31

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37	Redefining the Outcomes to Resources Ratio for Burn Patient Triage in a Mass Casualty. Journal of Burn Care and Research, 2014, 35, 41-45.	0.4	29
38	Effects of imputation on correlation: implications for analysis of mass spectrometry data from multiple biological matrices. Briefings in Bioinformatics, 2016, 18, bbw010.	6.5	26
39	Restrictive Transfusion Strategy Is More Effective in Massive Burns: Results of the TRIBE Multicenter Prospective Randomized Trial. Military Medicine, 2019, 184, 11-15.	0.8	26
40	Accounting for undetected compounds in statistical analyses of mass spectrometry â€˜omic studies. Statistical Applications in Genetics and Molecular Biology, 2013, 12, 703-22.	0.6	24
41	Development and Validation of a Multi-Algorithm Analytic Platform to Detect Off-Target Mechanical Ventilation. Scientific Reports, 2017, 7, 14980.	3.3	23
42	Overemphasis of USMLE and Its Potential Impact on Diversity in Otolaryngology. OTO Open, 2021, 5, 2473974X211031470.	1.4	21
43	Perfusion and Volume Response of Canine Brain Tumors to Stereotactic Radiosurgery and Radiotherapy. Journal of Veterinary Internal Medicine, 2016, 30, 827-835.	1.6	20
44	Association Between Peripheral Blood Oxygen Saturation (SpO$_2$)/Fraction of Inspired Oxygen (FiO$_2$) Ratio Time at Risk and Hospital Mortality in Mechanically Ventilated Patients. , 2020, 24, .		20
45	Routine CSF Analysis in Coccidioidomycosis Is Not Required. PLoS ONE, 2013, 8, e64249.	2.5	17
46	Functional Assessment of Children and Adolescents with Symbrachydactyly. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1119-1128.	3.0	17
47	The Impact of Music and Memory on Resident Level Outcomes in California Nursing Homes. Journal of the American Medical Directors Association, 2020, 21, 1045-1050.e2.	2.5	17
48	Evaluation of Two Methods to Estimate and Monitor Bird Populations. PLoS ONE, 2008, 3, e3047.	2.5	16
49	COMPUTED TOMOGRAPHY OF THE PHARYNX IN A CLOSED VS. OPEN MOUTH POSITION. Veterinary Radiology and Ultrasound, 2011, 52, 357-361.	0.9	15
50	Real-Time Prediction for Burn Length of Stay Via Median Residual Hospital Length of Stay Methodology. Journal of Burn Care and Research, 2016, 37, e476-e482.	0.4	15
51	Predicting Resource Utilization in Burn Treatment. Journal of Burn Care and Research, 2014, 35, S235-S246.	0.4	14
52	The Effects of Storage Age of Blood in Massively Transfused Burn Patients: A Secondary Analysis of the Randomized Transfusion Requirement in Burn Care Evaluation Study. Critical Care Medicine, 2018, 46, e1097-e1104.	0.9	14
53	Classification of neoplastic and inflammatory brain disease using MRI texture analysis in 119 dogs. Veterinary Radiology and Ultrasound, 2021, 62, 445-454.	0.9	14
54	A Jackknife and Voting Classifier Approach to Feature Selection and Classification. Cancer Informatics, 2011, 10, CIN.S7111.	1.9	13

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55	In-Vivo Biodistribution and Safety of 99mTc-LLP2A-HYNIC in Canine Non-Hodgkin Lymphoma. PLoS ONE, 2012, 7, e34404.	2.5	13
56	The influence of sex, genotype, and dose on serum and hippocampal cytokine levels in juvenile mice developmentally exposed to a human-relevant mixture of polychlorinated biphenyls. Current Research in Toxicology, 2020, 1, 85-103.	2.7	12
57	Burn Resuscitation Practices in North America. Annals of Surgery, 2023, 277, 512-519.	4.2	12
58	Affinity of the alpha4â€"beta1 integrin-targeting peptide LLP2A to canine lymphoma. Veterinary Immunology and Immunopathology, 2012, 145, 298-304.	1.2	11
59	Shc proteins influence the activities of enzymes involved in fatty acid oxidation and ketogenesis. Metabolism: Clinical and Experimental, 2012, 61, 1703-1713.	3.4	11
60	Quantifying Mobility in the ICU: Comparison of Electronic Health Record Documentation and Accelerometer-Based Sensors to Clinician-Annotated Video. , 2020, 2, e0091.		11
61	Human Cerebral Cortex Proteome of Fragile X-Associated Tremor/Ataxia Syndrome. Frontiers in Molecular Biosciences, 2020, 7, 600840.	3.5	11
62	A Value-Based Approach to Increase Breast Cancer Screening and Health-Directed Behaviors among American Indian Women. Journal of Cancer Education, 2010, 25, 582-587.	1.3	10
63	Opportunistic muscle measurements on staging chest CT for extremity and truncal soft tissue sarcoma are associated with survival. Journal of Surgical Oncology, 2020, 122, 869-876.	1.7	10
64	Association between serum 25-hydroxyvitamin D level and type of coccidioidal infection. Medical Mycology, 2013, 51, 319-323.	0.7	9
65	Utility of Midâ€"Upper Arm Circumference in Diagnosing Malnutrition in Children With Cystic Fibrosis. Nutrition in Clinical Practice, 2020, 35, 1094-1100.	2.4	9
66	COMPUTED TOMOGRAPHIC PNEUMOCOLONOGRAPHY IN NORMAL DOGS. Veterinary Radiology and Ultrasound, 2015, 56, 278-285.	0.9	8
67	Dynamics of subnivean temperature and wind speed in subalpine forests of the Rocky Mountains. Journal of Thermal Biology, 1996, 21, 91-99.	2.5	6
68	Effect of Screening Abdominal Ultrasound Examination on the Decision to Pursue Advanced Diagnostic Tests and Treatment in Dogs with Neurologic Disease. Journal of Veterinary Internal Medicine, 2015, 29, 893-899.	1.6	6
69	Electronic Alerts for Triage Protocol Compliance Among Emergency Department Triage Nurses. Nursing Research, 2015, 64, 226-230.	1.7	6
70	Dose-Area Productâ€"toâ€"Effective Dose Conversion Coefficients for Pelvic Radiography Using a Monte Carlo Program. American Journal of Roentgenology, 2020, 215, 679-684.	2.2	6
71	A Prospective Comparison of Frailty Scores and Fall Prediction in Acutely Injured Older Adults. Journal of Surgical Research, 2021, 257, 326-332.	1.6	6
72	Real-world impact of vaccination on COVID-19 incidence in health care personnel at an academic medical center. Infection Control and Hospital Epidemiology, 2021, , 1-21.	1.8	6

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73	Effects of Hormone Therapy on List and Story Recall in Post-Menopausal Women. Experimental Aging Research, 2019, 45, 199-222.	1.2	4
74	Mortality following combined burn and traumatic brain injuries: An analysis of the national trauma data bank of the American College of Surgeons. Burns, 2020, 46, 1289-1296.	1.9	4
75	Ultramarathon Plasma Metabolomics: Phosphatidylcholine Levels Associated with Running Performance. Sports, 2020, 8, 44.	1.7	4
76	Comparison of imputation and imputation-free methods for statistical analysis of mass spectrometry data with missing data. Briefings in Bioinformatics, 2022, 23, .	6.5	4
77	Omega-3 fatty acids partially revert the metabolic gene expression profile induced by long-term calorie restriction. Experimental Gerontology, 2016, 77, 29-37.	2.8	3
78	Multivariate two-part statistics for analysis of correlated mass spectrometry data from multiple biological specimens. Bioinformatics, 2017, 33, 17-25.	4.1	3
79	Development and initial validation of the trace‐to‐tape method: an objective outcome measure for linear postoperative scars. British Journal of Dermatology, 2019, 181, 633-634.	1.5	3
80	Pregnancy and Fertility Trends Among Female Otolaryngologists. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110645.	1.9	3
81	Assessment of 3 Bowel Preparation Protocols for Computed Tomography Pneumocolonography in Normal Dogs. Veterinary Surgery, 2016, 45, 929-935.	1.0	2
82	Inhalation Injury Does Not Influence the Amount of Blood Transfused to Major Burn Patients: A Secondary Analysis from the Transfusion Requirement in Burn Care Evaluation Study. Journal of Burn Care and Research, 2019, 40, 757-762.	0.4	2
83	High- versus low-dose tranexamic acid as part of a Patient Blood Management strategy for reducing blood loss in patients undergoing surgery for adolescent idiopathic scoliosis. Spine Deformity, 2021, , 1.	1.5	2
84	Selection of children with ultra-severe traumatic brain injury for neurosurgical intervention. Journal of Neurosurgery: Pediatrics, 2019, 23, 670-679.	1.3	2
85	Membrane lipid composition and overwintering site of the wading bird Calidris alpina. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1990, 97, 849-853.	0.2	1
86	Tumor Grade Predicts Tumor Proportion in Fresh Frozen Tissue Samples for Breast Cancer Research. Cell Preservation Technology, 2008, 6, 219-222.	0.6	1
87	Composite interval mapping to identify quantitative trait loci for point-mass mixture phenotypes. Genetical Research, 2010, 92, 39-53.	0.9	1
88	Long-Term Outcomes of Biceps Rerouting for Flexible Supination Contractures in Children With Brachial Plexus Birth Injuries. Journal of Hand Surgery, 2023, 48, 37-45.	1.6	1
89	Bereavement Practices Among Head and Neck Cancer Surgeons. Laryngoscope, 2022, , .	2.0	0
90	65 Therapist Confidence Utilizing Virtual Range of Motion Methods. Journal of Burn Care and Research, 2022, 43, S44-S45.	0.4	0