

# Sandra L Taylor

## List of Publications by Year in descending order

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90  
papers

3,344  
citations

126858

33  
h-index

155592

55  
g-index

91  
all docs

91  
docs citations

91  
times ranked

5313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Burn Resuscitation Practices in North America. <i>Annals of Surgery</i> , 2023, 277, 512-519.	2.1	12
2	Long-Term Outcomes of Biceps Rerouting for Flexible Supination Contractures in Children With Brachial Plexus Birth Injuries. <i>Journal of Hand Surgery</i> , 2023, 48, 37-45.	0.7	1
3	Comparison of imputation and imputation-free methods for statistical analysis of mass spectrometry data with missing data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	4
4	Bereavement Practices Among Head and Neck Cancer Surgeons. <i>Laryngoscope</i> , 2022, , .	1.1	0
5	65 Therapist Confidence Utilizing Virtual Range of Motion Methods. <i>Journal of Burn Care and Research</i> , 2022, 43, S44-S45.	0.2	0
6	A Prospective Comparison of Frailty Scores and Fall Prediction in Acutely Injured Older Adults. <i>Journal of Surgical Research</i> , 2021, 257, 326-332.	0.8	6
7	Classification of neoplastic and inflammatory brain disease using MRI texture analysis in 119 dogs. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 445-454.	0.4	14
8	Overemphasis of USMLE and Its Potential Impact on Diversity in Otolaryngology. <i>OTO Open</i> , 2021, 5, 2473974X211031470.	0.6	21
9	Real-world impact of vaccination on COVID-19 incidence in health care personnel at an academic medical center. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-21.	1.0	6
10	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. <i>Spine Deformity</i> , 2021, , 1.	0.7	2
11	Pregnancy and Fertility Trends Among Female Otolaryngologists. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, , 019459982110645.	1.1	3
12	Utility of Midâ€Upper Arm Circumference in Diagnosing Malnutrition in Children With Cystic Fibrosis. <i>Nutrition in Clinical Practice</i> , 2020, 35, 1094-1100.	1.1	9
13	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. <i>Current Research in Toxicology</i> , 2020, 1, 85-103.	1.3	12
14	Developmentalâ€behavioral profiles in children with autism spectrum disorder and coâ€occurring gastrointestinal symptoms. <i>Autism Research</i> , 2020, 13, 1778-1789.	2.1	64
15	Mortality following combined burn and traumatic brain injuries: An analysis of the national trauma data bank of the American College of Surgeons. <i>Burns</i> , 2020, 46, 1289-1296.	1.1	4
16	Dose-Area Productâ€toâ€Effective Dose Conversion Coefficients for Pelvic Radiography Using a Monte Carlo Program. <i>American Journal of Roentgenology</i> , 2020, 215, 679-684.	1.0	6
17	The Impact of Music and Memory on Resident Level Outcomes in California Nursing Homes. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1045-1050.e2.	1.2	17
18	Opportunistic muscle measurements on staging chest CT for extremity and truncal soft tissue sarcoma are associated with survival. <i>Journal of Surgical Oncology</i> , 2020, 122, 869-876.	0.8	10

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19	Quantifying Mobility in the ICU: Comparison of Electronic Health Record Documentation and Accelerometer-Based Sensors to Clinician-Annotated Video. , 2020, 2, e0091.		11
20	Ultramarathon Plasma Metabolomics: Phosphatidylcholine Levels Associated with Running Performance. Sports, 2020, 8, 44.	0.7	4
21	Human Cerebral Cortex Proteome of Fragile X-Associated Tremor/Ataxia Syndrome. Frontiers in Molecular Biosciences, 2020, 7, 600840.	1.6	11
22	Association Between Peripheral Blood Oxygen Saturation (SpO <sub>2</sub> )/Fraction of Inspired Oxygen (FIO <sub>2</sub> ) Ratio Time at Risk and Hospital Mortality in Mechanically Ventilated Patients. , 2020, 24, .		20
23	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.	0.2	2
24	Effects of Hormone Therapy on List and Story Recall in Post-Menopausal Women. Experimental Aging Research, 2019, 45, 199-222.	0.6	4
25	Development and initial validation of the traceâ€œtâ€œtape method: an objective outcome measure for linear postoperative scars. British Journal of Dermatology, 2019, 181, 633-634.	1.4	3
26	Restrictive Transfusion Strategy Is More Effective in Massive Burns: Results of the TRIBE Multicenter Prospective Randomized Trial. Military Medicine, 2019, 184, 11-15.	0.4	26
27	Selection of children with ultra-severe traumatic brain injury for neurosurgical intervention. Journal of Neurosurgery: Pediatrics, 2019, 23, 670-679.	0.8	2
28	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.	0.4	14
29	Neuroprotective efficacy of P7C3 compounds in primate hippocampus. Translational Psychiatry, 2018, 8, 202.	2.4	34
30	Variability in PolyIC induced immune response: Implications for preclinical maternal immune activation models. Journal of Neuroimmunology, 2018, 323, 87-93.	1.1	46
31	Multiple Reaction Monitoring for the Quantitation of Serum Protein Glycosylation Profiles: Application to Ovarian Cancer. Journal of Proteome Research, 2018, 17, 222-233.	1.8	37
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.	1.1	35
33	Transfusion Requirement in Burn Care Evaluation (TRIBE). Annals of Surgery, 2017, 266, 595-602.	2.1	84
34	Development and Validation of a Multi-Algorithm Analytic Platform to Detect Off-Target Mechanical Ventilation. Scientific Reports, 2017, 7, 14980.	1.6	23
35	Functional Assessment of Children and Adolescents with Symbrachydactyly. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1119-1128.	1.4	17
36	Multivariate two-part statistics for analysis of correlated mass spectrometry data from multiple biological specimens. Bioinformatics, 2017, 33, 17-25.	1.8	3

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37	High-volume hemofiltration in adult burn patients with septic shock and acute kidney injury: a multicenter randomized controlled trial. <i>Critical Care</i> , 2017, 21, 289.	2.5	69
38	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. <i>Cancer Biomarkers</i> , 2016, 16, 609-617.	0.8	42
39	Assessment of 3 Bowel Preparation Protocols for Computed Tomography Pneumocolonography in Normal Dogs. <i>Veterinary Surgery</i> , 2016, 45, 929-935.	0.5	2
40	Perfusion and Volume Response of Canine Brain Tumors to Stereotactic Radiosurgery and Radiotherapy. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 827-835.	0.6	20
41	Real-Time Prediction for Burn Length of Stay Via Median Residual Hospital Length of Stay Methodology. <i>Journal of Burn Care and Research</i> , 2016, 37, e476-e482.	0.2	15
42	Omega-3 fatty acids partially revert the metabolic gene expression profile induced by long-term calorie restriction. <i>Experimental Gerontology</i> , 2016, 77, 29-37.	1.2	3
43	Effects of imputation on correlation: implications for analysis of mass spectrometry data from multiple biological matrices. <i>Briefings in Bioinformatics</i> , 2016, 18, bbw010.	3.2	26
44	Protein-Specific Differential Glycosylation of Immunoglobulins in Serum of Ovarian Cancer Patients. <i>Journal of Proteome Research</i> , 2016, 15, 1002-1010.	1.8	87
45	Effect of Screening Abdominal Ultrasound Examination on the Decision to Pursue Advanced Diagnostic Tests and Treatment in Dogs with Neurologic Disease. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 893-899.	0.6	6
46	Electronic Alerts for Triage Protocol Compliance Among Emergency Department Triage Nurses. <i>Nursing Research</i> , 2015, 64, 226-230.	0.8	6
47	Burn Center Volume Makes a Difference for Burned Children*. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 319-324.	0.2	45
48	Systemic Metabolomic Changes in Blood Samples of Lung Cancer Patients Identified by Gas Chromatography Time-of-Flight Mass Spectrometry. <i>Metabolites</i> , 2015, 5, 192-210.	1.3	69
49	Metabolomic Markers of Altered Nucleotide Metabolism in Early Stage Adenocarcinoma. <i>Cancer Prevention Research</i> , 2015, 8, 410-418.	0.7	79
50	A Competing Risk Analysis for Hospital Length of Stay in Patients With Burns. <i>JAMA Surgery</i> , 2015, 150, 450.	2.2	53
51	COMPUTED TOMOGRAPHIC PNEUMOCOLONOGRAPHY IN NORMAL DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 278-285.	0.4	8
52	Does wound eversion improve cosmetic outcome?. <i>Journal of the American Academy of Dermatology</i> , 2015, 72, 668-673.	0.6	31
53	Investigation of Metabolomic Blood Biomarkers for Detection of Adenocarcinoma Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1716-1723.	1.1	58
54	Overdiagnosis of <i>Clostridium difficile</i> Infection in the Molecular Test Era. <i>JAMA Internal Medicine</i> , 2015, 175, 1792.	2.6	477

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55	Differential N-Glycosylation Patterns in Lung Adenocarcinoma Tissue. <i>Journal of Proteome Research</i> , 2015, 14, 4538-4549.	1.8	59
56	The Influence of Dietary Fat Source on Life Span in Calorie Restricted Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1181-1188.	1.7	34
57	Mealtime, Temporal, and Daily Variability of the Human Urinary and Plasma Metabolomes in a Tightly Controlled Environment. <i>PLoS ONE</i> , 2014, 9, e86223.	1.1	72
58	Predicting Resource Utilization in Burn Treatment. <i>Journal of Burn Care and Research</i> , 2014, 35, S235-S246.	0.2	14
59	Redefining the Outcomes to Resources Ratio for Burn Patient Triage in a Mass Casualty. <i>Journal of Burn Care and Research</i> , 2014, 35, 41-45.	0.2	29
60	The Influence of Shc Proteins on Life Span in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1177-1185.	1.7	37
61	Evaluation of Glycomic Profiling as a Diagnostic Biomarker for Epithelial Ovarian Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 611-621.	1.1	40
62	Predicting mortality from burns: The need for age-group specific models. <i>Burns</i> , 2014, 40, 1106-1115.	1.1	72
63	Ultrasonographic thickening of the muscularis propria in feline small intestinal small cell T-cell lymphoma and inflammatory bowel disease. <i>Journal of Feline Medicine and Surgery</i> , 2014, 16, 89-98.	0.6	55
64	Chip-based nLC-TOF-MS is a highly stable technology for large-scale high-throughput analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4953-4958.	1.9	35
65	Oxytocin and Vasopressin in Children and Adolescents With Autism Spectrum Disorders: Sex Differences and Associations With Symptoms. <i>Autism Research</i> , 2013, 6, 91-102.	2.1	119
66	Association between serum 25-hydroxyvitamin D level and type of coccidioidal infection. <i>Medical Mycology</i> , 2013, 51, 319-323.	0.3	9
67	Accounting for undetected compounds in statistical analyses of mass spectrometry omic studies. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 703-22.	0.2	24
68	A Validity Review of the National Burn Repository. <i>Journal of Burn Care and Research</i> , 2013, 34, 274-280.	0.2	41
69	Enrichment strategies in glycomics-based lung cancer biomarker development. <i>Proteomics - Clinical Applications</i> , 2013, 7, 664-676.	0.8	34
70	Routine CSF Analysis in Coccidioidomycosis Is Not Required. <i>PLoS ONE</i> , 2013, 8, e64249.	1.1	17
71	Kidney Tumor Biomarkers Revealed by Simultaneous Multiple Matrix Metabolomics Analysis. <i>Cancer Research</i> , 2012, 72, 3471-3479.	0.4	107
72	Affinity of the alpha4beta1 integrin-targeting peptide LLP2A to canine lymphoma. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 298-304.	0.5	11

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73	Shc proteins influence the activities of enzymes involved in fatty acid oxidation and ketogenesis. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1703-1713.	1.5	11
74	Urinary acylcarnitines are altered in human kidney cancer. <i>International Journal of Cancer</i> , 2012, 130, 2791-2800.	2.3	122
75	Autism Symptoms and Internalizing Psychopathology in Girls and Boys with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 48-59.	1.7	233
76	In-Vivo Biodistribution and Safety of 99mTc-LLP2A-HYNIC in Canine Non-Hodgkin Lymphoma. <i>PLoS ONE</i> , 2012, 7, e34404.	1.1	13
77	Urine Metabolomic Analysis Identifies Potential Biomarkers and Pathogenic Pathways in Kidney Cancer. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 293-303.	1.0	145
78	COMPUTED TOMOGRAPHY OF THE PHARYNX IN A CLOSED VS. OPEN MOUTH POSITION. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 357-361.	0.4	15
79	Surgical Resident Involvement Is Safe for Common Elective General Surgery Procedures. <i>Journal of the American College of Surgeons</i> , 2011, 213, 19-26.	0.2	117
80	Early Treatment With Fluconazole May Abrogate the Development of IgG Antibodies in Coccidioidomycosis. <i>Clinical Infectious Diseases</i> , 2011, 53, e20-e24.	2.9	36
81	A Jackknife and Voting Classifier Approach to Feature Selection and Classification. <i>Cancer Informatics</i> , 2011, 10, CIN.S7111.	0.9	13
82	Composite interval mapping to identify quantitative trait loci for point-mass mixture phenotypes. <i>Genetical Research</i> , 2010, 92, 39-53.	0.3	1
83	A Value-Based Approach to Increase Breast Cancer Screening and Health-Directed Behaviors among American Indian Women. <i>Journal of Cancer Education</i> , 2010, 25, 582-587.	0.6	10
84	A metabolomics approach using juvenile cystic mice to identify urinary biomarkers and altered pathways in polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F909-F922.	1.3	50
85	Hypothesis Tests for Point-Mass Mixture Data with Application to Omics Data with Many Zero Values. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2009, 8, 1-43.	0.2	36
86	Tumor Grade Predicts Tumor Proportion in Fresh Frozen Tissue Samples for Breast Cancer Research. <i>Cell Preservation Technology</i> , 2008, 6, 219-222.	0.8	1
87	Evaluation of Two Methods to Estimate and Monitor Bird Populations. <i>PLoS ONE</i> , 2008, 3, e3047.	1.1	16
88	Dynamics of subnivean temperature and wind speed in subalpine forests of the Rocky Mountains. <i>Journal of Thermal Biology</i> , 1996, 21, 91-99.	1.1	6
89	Forest microenvironments and resting energetics of the American marten <i>Martes Americana</i> . <i>Ecography</i> , 1994, 17, 249-256.	2.1	46
90	Membrane lipid composition and overwintering site of the wading bird <i>Calidris alpina</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990, 97, 849-853.	0.2	1