

John L Semple

List of Publications by Year in descending order

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75
papers

2,905
citations

159358

30
h-index

182168

51
g-index

77
all docs

77
docs citations

77
times ranked

3423
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Review of Optimal Perioperative Care in Breast Reconstruction: Enhanced Recovery after Surgery (ERAS) Society Recommendations. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1056e-1071e.	0.7	240
2	Using a Mobile App for Monitoring Post-Operative Quality of Recovery of Patients at Home: A Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2015, 3, e18.	1.8	161
3	Clinical Determinants of Patient Satisfaction with Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2001, 107, 46-54.	0.7	142
4	Adipose tissue engineering with naturally derived scaffolds and adipose-derived stem cells. <i>Biomaterials</i> , 2007, 28, 3834-3842.	5.7	139
5	Ultrasound-guided Multilevel Paravertebral Blocks and Total Intravenous Anesthesia Improve the Quality of Recovery after Ambulatory Breast Tumor Resection. <i>Anesthesiology</i> , 2014, 120, 703-713.	1.3	133
6	Effect of Home Monitoring via Mobile App on the Number of In-Person Visits Following Ambulatory Surgery. <i>JAMA Surgery</i> , 2017, 152, 622.	2.2	113
7	Changes in Psychosocial Functioning 1 Year After Mastectomy Alone, Delayed Breast Reconstruction, or Immediate Breast Reconstruction. <i>Annals of Surgical Oncology</i> , 2012, 19, 233-241.	0.7	101
8	Long-Term Psychosocial Functioning in Women with Bilateral Prophylactic Mastectomy: Does Preservation of the Nipple-Areolar Complex Make a Difference?. <i>Annals of Surgical Oncology</i> , 2015, 22, 3324-3330.	0.7	101
9	Experimental Assessment of Autologous Lymph Node Transplantation as Treatment of Postsurgical Lymphedema. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 777-786.	0.7	88
10	Proliferation and differentiation of adipose-derived stem cells on naturally derived scaffolds. <i>Biomaterials</i> , 2008, 29, 1862-1871.	5.7	83
11	Replacing Ambulatory Surgical Follow-Up Visits With Mobile App Home Monitoring: Modeling Cost-Effective Scenarios. <i>Journal of Medical Internet Research</i> , 2014, 16, e213.	2.1	83
12	Satisfaction with Breast Reconstruction in Women with Bilateral Prophylactic Mastectomy: A Descriptive Study. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 360-366.	0.7	77
13	Retrograde Microvascular Augmentation (Turbocharging) of a Single-Pedicle TRAM Flap Through a Deep Inferior Epigastric Arterial and Venous Loop. <i>Plastic and Reconstructive Surgery</i> , 1994, 93, 109-117.	0.7	74
14	International phase I study protocol to develop a patient-reported outcome measure for adolescents and adults receiving gender-affirming treatments (the GENDER-Q). <i>BMJ Open</i> , 2018, 8, e025435.	0.8	73
15	Î²-Defensin Expression in Human Mammary Gland Epithelia. <i>Pediatric Research</i> , 2000, 48, 30-35.	1.1	60
16	Time to reconsider subcutaneous mastectomy for breast-cancer prevention?. <i>Lancet Oncology</i> , The, 2005, 6, 431-434.	5.1	51
17	Shifting Autologous Breast Reconstruction into an Ambulatory Setting. <i>Plastic and Reconstructive Surgery</i> , 2015, 136, 657-665.	0.7	48
18	How Social Are We? A Cross-Sectional Study of the Website Presence and Social Media Activity of Canadian Plastic Surgeons. <i>Aesthetic Surgery Journal</i> , 2016, 36, 1079-1084.	0.9	48

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19	Lymphedema Development and Lymphatic Function following Lymph Node Excision in Sheep. <i>Journal of Vascular Research</i> , 2009, 46, 426-434.	0.6	47
20	A Comparison of Human and Porcine Acellularized Dermis: Interactions with Human Fibroblasts In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 845-856.	0.7	46
21	Processes of Care in Autogenous Breast Reconstruction with Pedicled TRAM Flaps. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 339e-344e.	0.7	45
22	Why Some Mastectomy Patients Opt to Undergo Delayed Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 267-275.	0.7	41
23	Review: In Vitro, in Vivo, in Silico: Computational Systems in Tissue Engineering and Regenerative Medicine. <i>Tissue Engineering</i> , 2005, 11, 341-356.	4.9	40
24	How to assess communication, professionalism, collaboration and the other intrinsic CanMEDS roles in orthopedic residents: use of an objective structured clinical examination (OSCE). <i>Canadian Journal of Surgery</i> , 2014, 57, 230-236.	0.5	39
25	Acellularization of Human Placenta With Preservation of the Basement Membrane. <i>Annals of Plastic Surgery</i> , 2003, 51, 598-602.	0.5	37
26	Mobile applications for postoperative monitoring after discharge. <i>Cmaj</i> , 2017, 189, E22-E24.	0.9	35
27	Breast Milk Contamination and Silicone Implants: Preliminary Results Using Silicon as a Proxy Measurement for Silicone. <i>Plastic and Reconstructive Surgery</i> , 1998, 102, 528-533.	0.7	33
28	High Himalayan meteorology: Weather at the South Col of Mount Everest. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	33
29	Repeated Exposure to Silicone Gel Can Induce Delayed Hypersensitivity. <i>Plastic and Reconstructive Surgery</i> , 1995, 96, 371-380.	0.7	31
30	Pharmacological characterization of vasomotor activity of human musculocutaneous perforator artery and vein. <i>Journal of Applied Physiology</i> , 2000, 89, 2268-2275.	1.2	31
31	Patient Self-Assessment of the Cosmetic Results of Breast Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2006, 117, 44-47.	0.7	31
32	International Rates of Breast Reconstruction After Prophylactic Mastectomy in BRCA1 and BRCA2 Mutation Carriers. <i>Annals of Surgical Oncology</i> , 2013, 20, 3817-3822.	0.7	28
33	The Multi Centre Canadian Acellular Dermal Matrix Trial (MCCAT): study protocol for a randomized controlled trial in implant-based breast reconstruction. <i>Trials</i> , 2013, 14, 356.	0.7	28
34	A Preliminary Study of the Effect of Poly(Methacrylic Acid-Co-Methyl Methacrylate) Beads on Angiogenesis in Rodent Skin Grafts and the Quality of the Panniculus Carnosus. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 1361-1370.	0.7	27
35	Comparing the DN4 tool with the IASP grading system for chronic neuropathic pain screening after breast tumor resection with and without paravertebral blocks. <i>Pain</i> , 2015, 156, 740-749.	2.0	27
36	Does Breast Reconstruction after Mastectomy for Breast Cancer Affect Overall Survival? Long-Term Follow-Up of a Retrospective Population-Based Cohort. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 468e-476e.	0.7	27

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37	Weather And Death On Mount Everest: An Analysis Of The Into Thin Air Storm. Bulletin of the American Meteorological Society, 2006, 87, 465-480.	1.7	26
38	High levels of ambient ozone (O3) may impact COVID-19 in high altitude mountain environments. Respiratory Physiology and Neurobiology, 2020, 280, 103487.	0.7	26
39	Utilization and regional variation of breast reconstruction in Canada. Plastic and Reconstructive Surgery, 2005, 115, 338-9.	0.7	24
40	A review of silicon and silicone determination in tissue and body fluids â€“ a need for standard reference materials. Fresenius' Journal of Analytical Chemistry, 1998, 360, 486-488.	1.5	23
41	Lymphangiogenesis following obstruction of large postnodal lymphatics in sheep. Microvascular Research, 2007, 73, 214-223.	1.1	23
42	Mobile Web-Based Follow-up for Postoperative ACL Reconstruction: A Single-Center Experience. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711774527.	0.8	23
43	Lymphatic Function Is Impaired Following Irradiation of a Single Lymph Node. Lymphatic Research and Biology, 2014, 12, 76-88.	0.5	21
44	Light and Electron Microscopic Evaluation of the Pectoralis Major Muscle following Tissue Expansion for Breast Reconstruction. Plastic and Reconstructive Surgery, 1998, 102, 1046-1051.	0.7	19
45	MRI Volumetric Analysis of Breast Fibroglandular Tissue to Assess Risk of the Spared Nipple in BRCA1 and BRCA2 Mutation Carriers. Annals of Surgical Oncology, 2014, 21, 1583-1588.	0.7	19
46	Engaging Patients in Co-Design of Mobile Health Tools for Surgical Site Infection Surveillance: Implications for Research and Implementation. Surgical Infections, 2019, 20, 535-540.	0.7	19
47	The Effect of Mobile App Home Monitoring on Number of In-Person Visits Following Ambulatory Surgery: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2015, 4, e65.	0.5	19
48	A Tibetan Taylor Cap and a halo of stratospheric ozone over the Himalaya. Geophysical Research Letters, 2005, 32, .	1.5	18
49	The impact of nodal micrometastasis on mortality among women with early-stage breast cancer. Breast Cancer Research and Treatment, 2017, 161, 103-115.	1.1	18
50	Variables Affecting Symmetry of the Nipple-Areola Complex. Plastic and Reconstructive Surgery, 1995, 96, 846-851.	0.7	16
51	Nipple Piercing May be Contraindicated in Male Patients With Chest Implants. Annals of Plastic Surgery, 2001, 47, 188-190.	0.5	16
52	Stimulation of Muscle Protein Degradation by Murine and Human Epidermal Cytokines: Relationship to Thermal Injury. Journal of Investigative Dermatology, 1986, 87, 711-714.	0.3	15
53	Breast-Feeding and Silicone Implants. Plastic and Reconstructive Surgery, 2007, 120, 123S-128S.	0.7	15
54	The Impact of Global Warming on Mount Everest. High Altitude Medicine and Biology, 2009, 10, 383-385.	0.5	13

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55	Determinants of increased acute postoperative pain after autologous breast reconstruction within an enhanced recovery after surgery protocol: A prospective cohort study. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 1157-1160.	0.5	12
56	Mallory and Irvine on Mount Everest: Did extreme weather play a role in their disappearance?. <i>Weather</i> , 2010, 65, 215-218.	0.6	11
57	First observations of surface ozone concentration from the summit region of Mount Everest. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	10
58	A Tale of Two Climbers: Hypothermia, Death, and Survival on Mount Everest. <i>High Altitude Medicine and Biology</i> , 2012, 13, 51-56.	0.5	10
59	High Concentrations of Ozone Air Pollution on Mount Everest: Health Implications for Sherpa Communities and Mountaineers. <i>High Altitude Medicine and Biology</i> , 2016, 17, 365-369.	0.5	10
60	Implementing Mobile Health Interventions to Capture Post-Operative Patient-Generated Health Data. <i>Surgical Infections</i> , 2019, 20, 566-570.	0.7	7
61	The BODY-Q Chest Module: Further Validation in a Canadian Chest Masculinization Surgery Sample. <i>Aesthetic Surgery Journal</i> , 2021, 41, 566-574.	0.9	7
62	Does the age of breast cancer diagnosis in first-degree relatives impact on the risk of breast cancer in BRCA1 and BRCA2 mutation carriers?. <i>Breast Cancer Research and Treatment</i> , 2015, 154, 163-169.	1.1	6
63	Survival Differences in Women with and without Autologous Breast Reconstruction after Mastectomy for Breast Cancer. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1281.	0.3	6
64	Ozone Exposure and Mortality. <i>New England Journal of Medicine</i> , 2009, 360, 2786-2789.	13.9	5
65	Breast deformity and reconstruction in Turner syndrome: A collection of case studies. <i>JPRAS Open</i> , 2015, 4, 16-21.	0.4	5
66	Canadian Expert Opinion on Breast Reconstruction Access: Strategies to Optimize Care during COVID-19. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2022, 10, e4204.	0.3	5
67	Can We Reach a Consensus on the Appropriate Use of Before and After Photos in Breast Surgery?. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3682.	0.3	4
68	A Guide to Establishing the Risk for Breast Cancer in the Plastic Surgery Patient. <i>Annals of Plastic Surgery</i> , 2000, 45, 554-559.	0.5	3
69	Examining the Feasibility of a Mobile Web-Based Follow-up System for Post-Operative ACL Reconstruction Patients. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, e176-e177.	1.3	3
70	The First Smartphone Application for Microsurgery Monitoring. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 458e.	0.7	3
71	Breast Cancer Genetics for Plastic Surgeons. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 455-460.	0.7	3
72	A Survey of Attitudes of Ontario Plastic Surgeons Leading up to the Return of Silicone Implants. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 148e-149e.	0.7	1

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73	Does Silicone Gel Migrate Via Lymphatics After Subcutaneous Injection?. Canadian Journal of Plastic Surgery, 1994, 2, 67-70.	0.4	0
74	A superiorly based, externally pedicled nasolabial flap for the repair of complex nasal tip defects. Canadian Journal of Plastic Surgery, 2002, 10, 81-84.	0.4	0
75	MRI volumetric analysis of fibroglandular tissue to assess risk of the spared nipple in <i>BRCA 1/2</i> patients who are considering prophylactic nipple-sparing mastectomy.. Journal of Clinical Oncology, 2013, 31, 1507-1507.	0.8	0