# Dennis P Orgill

## List of Publications by Citations



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|---|---|---|---|
| 263 papers | 13,644 citations | 56 h-index | 111 g-index |
| 282 ext. papers | 15,254 ext. citations | 3.8 avg, IF | 6.3 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 263 | The SCARE 2018 statement: Updating consensus Surgical CAse REport (SCARE) guidelines. *International Journal of Surgery*, **2018**, 60, 132-136 | 7.5 | 1971 |
| 262 | The SCARE Statement: Consensus-based surgical case report guidelines. *International Journal of Surgery*, **2016**, 34, 180-186 | 7.5 | 1507 |
| 261 | The STROCSS statement: Strengthening the Reporting of Cohort Studies in Surgery. *International Journal of Surgery*, **2017**, 46, 198-202 | 7.5 | 662 |
| 260 | Vacuum-assisted closure: microdeformations of wounds and cell proliferation. *Plastic and Reconstructive Surgery*, **2004**, 114, 1086-96; discussion 1097-8 | 2.7 | 431 |
| 259 | The PROCESS 2018 statement: Updating Consensus Preferred Reporting Of CasE Series in Surgery (PROCESS) guidelines. *International Journal of Surgery*, **2018**, 60, 279-282 | 7.5 | 316 |
| 258 | Preferred reporting of case series in surgery; the PROCESS guidelines. *International Journal of Surgery*, **2016**, 36, 319-323 | 7.5 | 311 |
| 257 | Effect of negative pressure wound therapy on wound healing. *Current Problems in Surgery*, **2014**, 51, 301-31 | 2.8 | 239 |
| 256 | The mechanism of action of the vacuum-assisted closure device. *Plastic and Reconstructive Surgery*, **2008**, 122, 786-797 | 2.7 | 232 |
| 255 | The mechanisms of action of vacuum assisted closure: more to learn. *Surgery*, **2009**, 146, 40-51 | 3.6 | 220 |
| 254 | Lower extremity trauma: trends in the management of soft-tissue reconstruction of open tibia-fibula fractures. *Plastic and Reconstructive Surgery*, **2006**, 117, 1315-22; discussion 1323-4 | 2.7 | 206 |
| 253 | Three patients with full facial transplantation. *New England Journal of Medicine*, **2012**, 366, 715-22 | 59.2 | 199 |
| 252 | Microdeformational wound therapy: effects on angiogenesis and matrix metalloproteinases in chronic wounds of 3 debilitated patients. *Annals of Plastic Surgery*, **2006**, 56, 418-22 | 1.7 | 169 |
| 251 | Flap prefabrication in the head and neck: a 10-year experience. *Plastic and Reconstructive Surgery*, **1999**, 103, 808-20 | 2.7 | 161 |
| 250 | Angiogenesis in wounds treated by microdeformational wound therapy. *Annals of Surgery*, **2011**, 253, 402-9 | 7.8 | 131 |
| 249 | A Textile Dressing for Temporal and Dosage Controlled Drug Delivery. *Advanced Functional Materials*, **2017**, 27, 1702399 | 15.6 | 130 |
| 248 | The reconstructive matrix: a new paradigm in reconstructive plastic surgery. *Plastic and Reconstructive Surgery*, **2010**, 126, 492-498 | 2.7 | 125 |
| 247 | Excision and skin grafting of thermal burns. *New England Journal of Medicine*, **2009**, 360, 893-901 | 59.2 | 123 |

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| 246 | Mechanotherapy: revisiting physical therapy and recruiting mechanobiology for a new era in medicine. *Trends in Molecular Medicine*, **2013**, 19, 555-64 | 11.5 | 116 |
| 245 | Update on negative-pressure wound therapy. *Plastic and Reconstructive Surgery*, **2011**, 127 Suppl 1, 105S-115S | 2.7 | 113 |
| 244 | Freeze-dried platelet-rich plasma shows beneficial healing properties in chronic wounds. *Wound Repair and Regeneration*, **2006**, 14, 573-80 | 3.6 | 111 |
| 243 | Tensile forces stimulate vascular remodeling and epidermal cell proliferation in living skin. *Annals of Surgery*, **2007**, 246, 896-902 | 7.8 | 106 |
| 242 | Development of mast cells and importance of their tryptase and chymase serine proteases in inflammation and wound healing. *Advances in Immunology*, **2014**, 122, 211-52 | 5.6 | 104 |
| 241 | A review of the role of mechanical forces in cutaneous wound healing. *Journal of Surgical Research*, **2011**, 171, 700-8 | 2.5 | 103 |
| 240 | External volume expansion increases subcutaneous thickness, cell proliferation, and vascular remodeling in a murine model. *Plastic and Reconstructive Surgery*, **2012**, 130, 541-547 | 2.7 | 103 |
| 239 | Diffusion and perfusion: the keys to fat grafting. *Plastic and Reconstructive Surgery - Global Open*, **2014**, 2, e220 | 1.2 | 101 |
| 238 | Exacerbation of Physical Intimate Partner Violence during COVID-19 Pandemic. *Radiology*, **2021**, 298, E38-E45 | 20.5 | 93 |
| 237 | Occult breast carcinoma in reduction mammaplasty specimens: 14-year experience. *Plastic and Reconstructive Surgery*, **2004**, 113, 1984-8 | 2.7 | 91 |
| 236 | Use of autologous fat grafting for breast reconstruction: a systematic review with meta-analysis of oncological outcomes. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2015**, 68, 143-61 | 1.7 | 90 |
| 235 | Organized skin structure is regenerated in vivo from collagen-GAG matrices seeded with autologous keratinocytes. *Journal of Investigative Dermatology*, **1998**, 110, 908-16 | 4.3 | 88 |
| 234 | Predictors for major wound complications following preoperative radiotherapy and surgery for soft-tissue sarcoma of the extremities and trunk: importance of tumor proximity to skin surface. *Annals of Surgical Oncology*, **2013**, 20, 1494-9 | 3.1 | 85 |
| 233 | Anterolateral thigh free flap. *Annals of Plastic Surgery*, **1995**, 34, 585-92 | 1.7 | 85 |
| 232 | Negative pressure wound therapy: past, present and future. *International Wound Journal*, **2013**, 10 Suppl 1, 15-9 | 2.6 | 83 |
| 231 | The teaming curve: a longitudinal study of the influence of surgical team familiarity on operative time. *Annals of Surgery*, **2013**, 258, 953-7 | 7.8 | 82 |
| 230 | The relative thermal stability of tissue macromolecules and cellular structure in burn injury. *Burns*, **2005**, 31, 568-77 | 2.3 | 80 |
| 229 | Peripheral blood fibrocytes: enhancement of wound healing by cell proliferation, re-epithelialization, contraction, and angiogenesis. *Annals of Surgery*, **2011**, 254, 1066-74 | 7.8 | 78 |

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| 228 | Impact of frailty on outcomes in surgical patients: A systematic review and meta-analysis. *American Journal of Surgery*, **2019**, 218, 393-400 | 2.7 | 77 |
| 227 | Mechanisms of action of external volume expansion devices. *Plastic and Reconstructive Surgery*, **2013**, 132, 569-578 | 2.7 | 70 |
| 226 | Template for skin regeneration. *Plastic and Reconstructive Surgery*, **2011**, 127 Suppl 1, 60S-70S | 2.7 | 70 |
| 225 | Clinical applications of tissue engineered constructs. *Clinics in Plastic Surgery*, **2003**, 30, 485-98 | 3 | 70 |
| 224 | Regulation of impaired angiogenesis in diabetic dermal wound healing by microRNA-26a. *Journal of Molecular and Cellular Cardiology*, **2016**, 91, 151-9 | 5.8 | 67 |
| 223 | Poly-N-acetyl glucosamine nanofibers: a new bioactive material to enhance diabetic wound healing by cell migration and angiogenesis. *Annals of Surgery*, **2009**, 250, 322-30 | 7.8 | 67 |
| 222 | Vascularized collagen-glycosaminoglycan matrix provides a dermal substrate and improves take of cultured epithelial autografts. *Plastic and Reconstructive Surgery*, **1998**, 102, 423-9 | 2.7 | 67 |
| 221 | A protocol for the development of reporting criteria for surgical case reports: The SCARE statement. *International Journal of Surgery*, **2016**, 27, 187-189 | 7.5 | 66 |
| 220 | Risk analysis for the reverse sural fasciocutaneous flap in distal leg reconstruction. *Plastic and Reconstructive Surgery*, **2009**, 123, 1499-1504 | 2.7 | 66 |
| 219 | Cumulative team experience matters more than individual surgeon experience in cardiac surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2013**, 145, 328-33 | 1.5 | 65 |
| 218 | Effect of recombinant platelet-derived growth factor (Regranex) on wound closure in genetically diabetic mice. *Journal of Burn Care and Research*, **2006**, 27, 202-5 | 0.8 | 65 |
| 217 | The effect of hydrostatic pressure on three-dimensional chondroinduction of human adipose-derived stem cells. *Tissue Engineering - Part A*, **2009**, 15, 2937-45 | 3.9 | 61 |
| 216 | Healing modulation induced by freeze-dried platelet-rich plasma and micronized allogenic dermis in a diabetic wound model. *Wound Repair and Regeneration*, **2008**, 16, 218-25 | 3.6 | 61 |
| 215 | Patency of the descending branch of the lateral circumflex femoral artery in patients with vascular disease. *Plastic and Reconstructive Surgery*, **2008**, 121, 121-129 | 2.7 | 61 |
| 214 | The use of collagen-GAG membranes in reconstructive surgery. *Annals of the New York Academy of Sciences*, **1999**, 888, 233-48 | 6.5 | 60 |
| 213 | Escharotomy and decompressive therapies in burns. *Journal of Burn Care and Research*, **2009**, 30, 759-68 | 0.8 | 59 |
| 212 | A detailed analysis of the reduction mammaplasty learning curve: a statistical process model for approaching surgical performance improvement. *Plastic and Reconstructive Surgery*, **2009**, 124, 706-714 | 2.7 | 58 |
| 211 | Reduction in incidence of deep sternal wound infections: random or real?. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 139, 680-5 | 1.5 | 58 |

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| 210 | The role of free-tissue transfer for head and neck burn reconstruction. *Plastic and Reconstructive Surgery*, **2007**, 120, 1871-1878 | 2.7 | 57 |
| 209 | Tissue-Engineered Skin Substitutes. *Plastic and Reconstructive Surgery*, **2015**, 136, 1379-1388 | 2.7 | 56 |
| 208 | Microdeformation of three-dimensional cultured fibroblasts induces gene expression and morphological changes. *Annals of Plastic Surgery*, **2011**, 66, 296-300 | 1.7 | 56 |
| 207 | In vivo acceleration of skin growth using a servo-controlled stretching device. *Tissue Engineering - Part C: Methods*, **2010**, 16, 397-405 | 2.9 | 56 |
| 206 | Comparison of cultured and uncultured keratinocytes seeded into a collagen-GAG matrix for skin replacements. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **1999**, 52, 127-32 | | 55 |
| 205 | Impact of Obesity on Outcomes in Breast Reconstruction: A Systematic Review and Meta-Analysis. *Journal of Reconstructive Microsurgery*, **2018**, 34, 363-375 | 2.5 | 54 |
| 204 | Comparison of quantitative educational metrics between integrated and independent plastic surgery residents. *Plastic and Reconstructive Surgery*, **2008**, 122, 972-978 | 2.7 | 54 |
| 203 | Mature B cells accelerate wound healing after acute and chronic diabetic skin lesions. *Wound Repair and Regeneration*, **2017**, 25, 774-791 | 3.6 | 52 |
| 202 | The pathophysiologic basis for wound healing and cutaneous regeneration **2009**, 25-57 | | 52 |
| 201 | Analysis of neuropeptides in stretched skin. *Plastic and Reconstructive Surgery*, **2009**, 124, 102-113 | 2.7 | 52 |
| 200 | Reduction of abdominal adhesions using composite collagen-GAG implants for ventral hernia repair. *Journal of Biomedical Materials Research Part B*, **2001**, 58, 75-80 | | 52 |
| 199 | Effect of keratinocyte seeding of collagen-glycosaminoglycan membranes on the regeneration of skin in a porcine model. *Plastic and Reconstructive Surgery*, **1998**, 101, 1572-9 | 2.7 | 52 |
| 198 | Randomised controlled trials in plastic surgery: a systematic review of reporting quality. *European Journal of Plastic Surgery*, **2014**, 37, 55-62 | 0.6 | 51 |
| 197 | Management of early groin vascular bypass graft infections with sartorius and rectus femoris flaps. *Annals of Plastic Surgery*, **2004**, 52, 49-53 | 1.7 | 50 |
| 196 | Absolute enrichment: gene set enrichment analysis for homeostatic systems. *Nucleic Acids Research* , **2006**, 34, e151 | 20.1 | 49 |
| 195 | Shock wave therapy in wound healing. *Plastic and Reconstructive Surgery*, **2011**, 128, 721e-727e | 2.7 | 47 |
| 194 | Foam pore size is a critical interface parameter of suction-based wound healing devices. *Plastic and Reconstructive Surgery*, **2012**, 129, 589-597 | 2.7 | 47 |
| 193 | Analysis of nerve and neuropeptide patterns in vacuum-assisted closure-treated diabetic murine wounds. *Plastic and Reconstructive Surgery*, **2010**, 126, 87-96 | 2.7 | 47 |

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| 192 | Mechanisms of action of microdeformational wound therapy. *Seminars in Cell and Developmental Biology*, **2012**, 23, 987-92 | 7.5 | 46 |
| 191 | The mobilization and effect of endogenous bone marrow progenitor cells in diabetic wound healing. *Cell Transplantation*, **2010**, 19, 1369-81 | 4 | 46 |
| 190 | Tissue-mimicking gelatin scaffolds by alginate sacrificial templates for adipose tissue engineering. *Acta Biomaterialia*, **2019**, 87, 61-75 | 10.8 | 46 |
| 189 | Skin Substitutes and Bioscaffolds: Temporary and Permanent Coverage. *Clinics in Plastic Surgery*, **2017**, 44, 627-634 | 3 | 45 |
| 188 | A prospective, randomised, controlled, multicentre clinical trial examining healing rates, safety and cost to closure of an acellular reticular allogenic human dermis versus standard of care in the treatment of chronic diabetic foot ulcers. *International Wound Journal*, **2017**, 14, 307-315 | 2.6 | 45 |
| 187 | Incidence of hematoma complication with heparin venous thrombosis prophylaxis after TRAM flap breast reconstruction. *Plastic and Reconstructive Surgery*, **2008**, 121, 1101-1107 | 2.7 | 45 |
| 186 | Clinical applications of skin substitutes. *Surgical Clinics of North America*, **2014**, 94, 839-50 | 4 | 44 |
| 185 | Mast cells are required in the proliferation and remodeling phases of microdeformational wound therapy. *Plastic and Reconstructive Surgery*, **2011**, 128, 649e-658e | 2.7 | 44 |
| 184 | MicroRNA-615-5p Regulates Angiogenesis and Tissue Repair by Targeting AKT/eNOS (Protein Kinase B/Endothelial Nitric Oxide Synthase) Signaling in Endothelial Cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 1458-1474 | 9.4 | 43 |
| 183 | Molecular crowding effects on protein stability. *Annals of the New York Academy of Sciences*, **2005**, 1066, 54-66 | 6.5 | 43 |
| 182 | Mechanoregulation of Angiogenesis in Wound Healing. *Advances in Wound Care*, **2014**, 3, 626-634 | 4.8 | 42 |
| 181 | Optimization of UV cross-linking density for durable and nontoxic collagen GAG dermal substitute. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2007**, 82, 51-6 | 3.5 | 42 |
| 180 | Early experience using low-frequency ultrasound in chronic wounds. *Annals of Plastic Surgery*, **2005**, 55, 183-7 | 1.7 | 42 |
| 179 | Aseptically Processed Placental Membrane Improves Healing of Diabetic Foot Ulcerations: Prospective, Randomized Clinical Trial. *Plastic and Reconstructive Surgery - Global Open*, **2016**, 4, e1095 | 1.2 | 42 |
| 178 | Effects of poly-N-acetyl glucosamine (pGlcNAc) patch on wound healing in db/db mouse. *Journal of Trauma*, **2008**, 64, 803-8 | | 41 |
| 177 | Skin perfusion and oxygenation changes in radiation fibrosis. *Plastic and Reconstructive Surgery*, **2013**, 131, 707-716 | 2.7 | 40 |
| 176 | Celecoxib inhibits early cutaneous wound healing. *Journal of Surgical Research*, **2015**, 194, 717-724 | 2.5 | 39 |
| 175 | Current methods of burn reconstruction. *Plastic and Reconstructive Surgery*, **2013**, 131, 827e-836e | 2.7 | 39 |

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| 174 | Transdiaphragmatic omental harvest: a simple, efficient method for sternal wound coverage. *Plastic and Reconstructive Surgery*, **2013**, 131, 544-552 | 2.7 | 39 |
| 173 | Induction of Adipogenesis by External Volume Expansion. *Plastic and Reconstructive Surgery*, **2016**, 137, 122-131 | 2.7 | 39 |
| 172 | Waveform modulation of negative-pressure wound therapy in the murine model. *Plastic and Reconstructive Surgery*, **2011**, 127, 1460-1466 | 2.7 | 37 |
| 171 | Use of the parabiotic model in studies of cutaneous wound healing to define the participation of circulating cells. *Wound Repair and Regeneration*, **2010**, 18, 426-32 | 3.6 | 37 |
| 170 | Short periodic applications of the vacuum-assisted closure device cause an extended tissue response in the diabetic mouse model. *Plastic and Reconstructive Surgery*, **2009**, 124, 1458-1465 | 2.7 | 36 |
| 169 | The methodological quality of randomized controlled trials in plastic surgery needs improvement: a systematic review. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2013**, 66, 447-52 | 1.7 | 35 |
| 168 | Predictors of survival and length of stay in burn patients older than 80 years of age: does age really matter?. *Journal of Burn Care and Research*, **2006**, 27, 265-9 | 0.8 | 35 |
| 167 | Trehalose lyophilized platelets for wound healing. *Wound Repair and Regeneration*, **2007**, 15, 213-20 | 3.6 | 34 |
| 166 | Lack of FGF-7 further delays cutaneous wound healing in diabetic mice. *Plastic and Reconstructive Surgery*, **2011**, 128, 673e-684e | 2.7 | 33 |
| 165 | Improved cutaneous healing in diabetic mice exposed to healthy peripheral circulation. *Journal of Investigative Dermatology*, **2009**, 129, 2265-74 | 4.3 | 33 |
| 164 | Reporting Quality of Observational Studies in Plastic Surgery Needs Improvement: A Systematic Review. *Annals of Plastic Surgery*, **2016**, 76, 585-9 | 1.7 | 33 |
| 163 | Quiescent platelets stimulate angiogenesis and diabetic wound repair. *Journal of Surgical Research*, **2010**, 160, 169-77 | 2.5 | 32 |
| 162 | Tumors stimulate platelet delivery of angiogenic factors in vivo: an unexpected benefit. *American Journal of Pathology*, **2008**, 173, 1609-16 | 5.8 | 32 |
| 161 | MicroRNA-135a-3p regulates angiogenesis and tissue repair by targeting p38 signaling in endothelial cells. *FASEB Journal*, **2019**, 33, 5599-5614 | 0.9 | 31 |
| 160 | Combination of stromal cell-derived factor-1 and collagen-glycosaminoglycan scaffold delays contraction and accelerates reepithelialization of dermal wounds in wild-type mice. *Wound Repair and Regeneration*, **2011**, 19, 71-9 | 3.6 | 31 |
| 159 | Wound-healing properties of trehalose-stabilized freeze-dried outdated platelets. *Transfusion*, **2007**, 47, 672-9 | 2.9 | 31 |
| 158 | Perfusion of medium improves growth of human oral neomucosal tissue constructs. *Wound Repair and Regeneration*, **2001**, 9, 507-12 | 3.6 | 30 |
| 157 | Prevalence and Patient-Level Risk Factors for 30-Day Readmissions Following Free Tissue Transfer for Head and Neck Cancer. *JAMA Otolaryngology - Head and Neck Surgery*, **2015**, 141, 783-9 | 3.9 | 29 |

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| 156 | A set of genes previously implicated in the hypoxia response might be an important modulator in the rat ear tissue response to mechanical stretch. *BMC Genomics*, **2007**, 8, 430 | 4.5 | 29 |
| 155 | Evidence-Based Medicine: The Evaluation and Treatment of Pressure Injuries. *Plastic and Reconstructive Surgery*, **2017**, 139, 275e-286e | 2.7 | 28 |
| 154 | Polyethylene glycol/microfibrillar collagen composite as a new resorbable hemostatic bone wax. *Journal of Biomedical Materials Research Part B*, **1998**, 39, 358-63 | | 28 |
| 153 | Fourth-degree burns to the lower extremity with exposed tendon and bone: a ten-year experience. *Journal of Burn Care and Research*, **2006**, 27, 34-9 | 0.8 | 28 |
| 152 | Moderate-Intensity Intermittent External Volume Expansion Optimizes the Soft-Tissue Response in a Murine Model. *Plastic and Reconstructive Surgery*, **2017**, 139, 882-890 | 2.7 | 27 |
| 151 | Anti-IL-6 eluting immunomodulatory biomaterials prolong skin allograft survival. *Scientific Reports*, **2019**, 9, 6535 | 4.9 | 24 |
| 150 | Flap closure of postpneumonectomy empyema. *Plastic and Reconstructive Surgery*, **1997**, 99, 437-42 | 2.7 | 24 |
| 149 | Overexpressing IRS1 in Endothelial Cells Enhances Angioblast Differentiation and Wound Healing in Diabetes and Insulin Resistance. *Diabetes*, **2016**, 65, 2760-71 | 0.9 | 24 |
| 148 | Use of an aseptically processed, dehydrated human amnion and chorion membrane improves likelihood and rate of healing in chronic diabetic foot ulcers: A prospective, randomised, multi-centre clinical trial in 80 patients. *International Wound Journal*, **2018**, 15, 950-957 | 2.6 | 23 |
| 147 | Recognition of a new chemotherapeutic vesicant: trabectedin (ecteinascidin-743) extravasation with skin and soft tissue damage. *Journal of Clinical Oncology*, **2009**, 27, e198-200 | 2.2 | 23 |
| 146 | Bronchopleural fistula repair during Clagett closure utilizing a collagen matrix plug. *Annals of Thoracic Surgery*, **2007**, 83, 1519-21 | 2.7 | 23 |
| 145 | Wound healing kinetics of the genetically diabetic mouse. *Wounds*, **2008**, 20, 18-28 | 0.8 | 23 |
| 144 | Support for reporting guidelines in surgical journals needs improvement: A systematic review. *International Journal of Surgery*, **2017**, 45, 14-17 | 7.5 | 22 |
| 143 | Injectable Shape-Memorizing Three-Dimensional Hyaluronic Acid Cryogels for Skin Sculpting and Soft Tissue Reconstruction. *Tissue Engineering - Part A*, **2017**, 23, 243-251 | 3.9 | 21 |
| 142 | Hydrostatic pressure-driven three-dimensional cartilage induction using human adipose-derived stem cells and collagen gels. *Tissue Engineering - Part A*, **2015**, 21, 257-66 | 3.9 | 20 |
| 141 | Hyperspectral Imaging Provides Early Prediction of Random Axial Flap Necrosis in a Preclinical Model. *Plastic and Reconstructive Surgery*, **2017**, 139, 1285e-1290e | 2.7 | 19 |
| 140 | In vivo safety profile and biodistribution of GMP-manufactured human skin-derived ABCB5-positive mesenchymal stromal cells for use in clinical trials. *Cytotherapy*, **2019**, 21, 546-560 | 4.8 | 19 |
| 139 | An aseptically processed, acellular, reticular, allogenic human dermis improves healing in diabetic foot ulcers: A prospective, randomised, controlled, multicentre follow-up trial. *International Wound Journal*, **2018**, 15, 731-739 | 2.6 | 19 |

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| 138 | Early healing of transcolonic and transgastric natural orifice transluminal endoscopic surgery access sites. *Journal of the American College of Surgeons*, **2010**, 210, 480-90 | 4.4 | 19 |
| 137 | Expired liquid preserved platelet releasates retain proliferative activity. *Journal of Surgical Research* , **2005**, 126, 55-8 | 2.5 | 19 |
| 136 | Effects of crowding on the thermal stability of heterogeneous protein solutions. *Annals of Biomedical Engineering*, **2005**, 33, 1125-31 | 4.7 | 19 |
| 135 | A morphometric study of mechanotransductively induced dermal neovascularization. *Plastic and Reconstructive Surgery*, **2011**, 128, 288e-299e | 2.7 | 18 |
| 134 | Introduction of microsurgery in Vietnam by a charitable organization: a 15-year experience. *Plastic and Reconstructive Surgery*, **2007**, 119, 1267-1273 | 2.7 | 18 |
| 133 | Eliminating the vertical scar in breast reduction-Boston modification of the Robertson technique. *Aesthetic Surgery Journal*, **2006**, 26, 687-96 | 2.4 | 18 |
| 132 | Light-Controlled Growth Factors Release on Tetrapodal ZnO-Incorporated 3D-Printed Hydrogels for Developing Smart Wound Scaffold. *Advanced Functional Materials*, **2021**, 31, 2007555 | 15.6 | 18 |
| 131 | Impact of the SCARE guideline on the reporting of surgical case reports: A before and after study. *International Journal of Surgery*, **2017**, 45, 144-148 | 7.5 | 17 |
| 130 | The skin allograft revisited: a potentially permanent wound coverage option in the critically ill patient. *Plastic and Reconstructive Surgery*, **2009**, 123, 1755-1758 | 2.7 | 17 |
| 129 | Side population hematopoietic stem cells promote wound healing in diabetic mice. *Plastic and Reconstructive Surgery*, **2007**, 120, 407-411 | 2.7 | 17 |
| 128 | Thermal diffusion probe analysis of perfusion changes in vascular occlusions of rabbit pedicle flaps. *Plastic and Reconstructive Surgery*, **2005**, 115, 1103-9 | 2.7 | 17 |
| 127 | The myocutaneous trapezius flap revisited: a treatment algorithm for optimal surgical outcomes based on 43 flap reconstructions. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2014**, 67, 1669-79 | 1.7 | 16 |
| 126 | Role of negative pressure wound therapy in treating peripheral vascular graft infections. *Vascular*, **2008**, 16, 194-200 | 1.3 | 16 |
| 125 | Implementation of a Comprehensive Post-Discharge Venous Thromboembolism Prophylaxis Program for Abdominal and Pelvic Surgery Patients. *Journal of the American College of Surgeons*, **2016**, 223, 804-813 | 4.4 | 15 |
| 124 | Protocol for the development of a core outcome set for autologous fat grafting to the breast. *International Journal of Surgery*, **2016**, 31, 104-6 | 7.5 | 15 |
| 123 | Evidence-Based Plastic Surgery: Its Rise, Importance, and a Practical Guide. *Aesthetic Surgery Journal*, **2016**, 36, 366-71 | 2.4 | 15 |
| 122 | Simultaneous in vivo regeneration of neodermis, epidermis, and basement membrane. *Advances in Biochemical Engineering/Biotechnology*, **2005**, 94, 23-41 | 1.7 | 15 |
| 121 | The Role of Dermal Matrices in Treating Inflammatory and Diabetic Wounds. *Plastic and Reconstructive Surgery*, **2016**, 138, 148S-157S | 2.7 | 15 |

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| 120 | Complication timing and association with mortality in the American College of Surgeons National Surgical Quality Improvement Program database. *Journal of Surgical Research*, **2015**, 193, 77-87 | 2.5 | 14 |
| 119 | Tissue-Engineered Soft-Tissue Reconstruction Using Noninvasive Mechanical Preconditioning and a Shelf-Ready Allograft Adipose Matrix. *Plastic and Reconstructive Surgery*, **2019**, 144, 884-895 | 2.7 | 14 |
| 118 | Impact of the PROCESS guideline on the reporting of surgical case series: A before and after study. *International Journal of Surgery*, **2017**, 45, 92-97 | 7.5 | 13 |
| 117 | Novel presentation of intraneural nodular fasciitis of the sciatic nerve. *Journal of the Peripheral Nervous System*, **2007**, 12, 61-3 | 4.7 | 13 |
| 116 | Facial-nerve regeneration ability of a hybrid artificial nerve conduit containing uncultured adipose-derived stromal vascular fraction: An experimental study. *Microsurgery*, **2017**, 37, 808-818 | 2.1 | 12 |
| 115 | Design of an artificial skin. IV. Use of island graft to isolate organ regeneration from scar synthesis and other processes leading to skin wound closure. *Journal of Biomedical Materials Research Part B*, **1998**, 39, 531-5 | | 12 |
| 114 | Two-photon confocal microscopy: a nondestructive method for studying wound healing. *Plastic and Reconstructive Surgery*, **2004**, 114, 121-8 | 2.7 | 12 |
| 113 | Noninvasive Flap Preconditioning by Foam-Mediated External Suction Improves the Survival of Fasciocutaneous Axial-Pattern Flaps in a Type 2 Diabetic Murine Model. *Plastic and Reconstructive Surgery*, **2018**, 142, 872e-883e | 2.7 | 12 |
| 112 | Adipose-derived aldehyde dehydrogenase-expressing cells promote dermal regenerative potential with collagen-glycosaminoglycan scaffold. *Wound Repair and Regeneration*, **2017**, 25, 109-119 | 3.6 | 11 |
| 111 | The role of mouse mast cell proteases in the proliferative phase of wound healing in microdeformational wound therapy. *Plastic and Reconstructive Surgery*, **2014**, 134, 459-467 | 2.7 | 11 |
| 110 | MiR-4674 regulates angiogenesis in tissue injury by targeting p38K signaling in endothelial cells. *American Journal of Physiology - Cell Physiology*, **2020**, 318, C524-C535 | 5.4 | 11 |
| 109 | Current Use of Biological Scaffolds in Plastic Surgery. *Plastic and Reconstructive Surgery*, **2019**, 143, 209-220 | 2.7 | 11 |
| 108 | Delayed Postconditioning with External Volume Expansion Improves Survival of Adipose Tissue Grafts in a Murine Model. *Plastic and Reconstructive Surgery*, **2019**, 143, 99e-110e | 2.7 | 10 |
| 107 | Validated Outcomes in the Grafting of Autologous Fat to the Breast: The VOGUE Study. Development of a Core Outcome Set for Research and Audit. *Plastic and Reconstructive Surgery*, **2018**, 141, 633e-638e | 2.7 | 10 |
| 106 | Levels of evidence in plastic surgery: Bibliometric trends and comparison with five other surgical specialties. *European Journal of Plastic Surgery*, **2016**, 39, 365-370 | 0.6 | 10 |
| 105 | Dermatophytic pseudomycetoma of the scalp. *Plastic and Reconstructive Surgery*, **2004**, 113, 1072-3 | 2.7 | 10 |
| 104 | The Need for Core Outcome Reporting in Autologous Fat Grafting for Breast Reconstruction. *Annals of Plastic Surgery*, **2016**, 77, 506-512 | 1.7 | 10 |
| 103 | Human skin is colonized by T cells that recognize CD1a independently of lipid. *Journal of Clinical Investigation*, **2021**, 131, | 15.9 | 10 |

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| 102 | Reconstructive Management of Devastating Electrical Injuries to the Face. *Plastic and Reconstructive Surgery*, **2015**, 136, 839-847 | 2.7 | 9 |
| 101 | Poly-N-acetyl glucosamine fibers are synergistic with vacuum-assisted closure in augmenting the healing response of diabetic mice. *Journal of Trauma*, **2011**, 71, S187-93 | | 9 |
| 100 | A porous collagen-GAG scaffold promotes muscle regeneration following volumetric muscle loss injury. *Wound Repair and Regeneration*, **2020**, 28, 61-74 | 3.6 | 9 |
| 99 | Nipple sparing versus skin sparing mastectomy: a systematic review protocol. *BMJ Open*, **2016**, 6, e010151 | 3 | 9 |
| 98 | A prospective, randomized, controlled trial comparing the effects of noncontact, low-frequency ultrasound to standard care in healing venous leg ulcers. *Ostomy - Wound Management*, **2015**, 61, 16-29 | | 9 |
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