Gregory A Dumanian

List of Publications by Year
in descending order

80	3,732	186265 28	133252 59
papers	citations	h-index	g-index

82	82	82	1822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of targeted muscle reinnervation for improved myoelectric prosthesis control in a bilateral shoulder disarticulation amputee. Prosthetics and Orthotics International, 2004, 28, 245-253.	1.0	438
2	Targeted reinnervation for enhanced prosthetic arm function in a woman with a proximal amputation: a case study. Lancet, The, 2007, 369, 371-380.	13.7	413
3	Targeted Muscle Reinnervation Treats Neuroma and Phantom Pain in Major Limb Amputees. Annals of Surgery, 2019, 270, 238-246.	4.2	290
4	Targeted Muscle Reinnervation: A Novel Approach to Postamputation Neuroma Pain. Clinical Orthopaedics and Related Research, 2014, 472, 2984-2990.	1.5	280
5	Preemptive Treatment of Phantom and Residual Limb Pain with Targeted Muscle Reinnervation at the Time of Major Limb Amputation. Journal of the American College of Surgeons, 2019, 228, 217-226.	0.5	177
6	Periumbilical Rectus Abdominis Perforator Preservation Significantly Reduces Superficial Wound Complications in â€œSeparation of Partsâ€•Hernia Repairs. Plastic and Reconstructive Surgery, 2002, 109, 2275-2280.	1.4	158
7	Targeted Muscle Reinnervation and Advanced Prosthetic Arms. Seminars in Plastic Surgery, 2015, 29, 062-072.	2.1	139
8	Improved Myoelectric Prosthesis Control Accomplished Using Multiple Nerve Transfers. Plastic and Reconstructive Surgery, 2006, 118, 1573-1578.	1.4	132
9	Targeted Reinnervation for Transhumeral Amputees: Current Surgical Technique and Update on Results. Plastic and Reconstructive Surgery, 2009, 124, 863-869.	1.4	118
10	Targeted Muscle Reinnervation in the Upper Extremity Amputee: A Technical Roadmap. Journal of Hand Surgery, 2015, 40, 1877-1888.	1.6	96
11	Targeted Reinnervation to Improve Prosthesis Control in Transhumeral Amputees. Journal of Bone and Joint Surgery - Series A, 2008, 90, 393-400.	3.0	93
12	Muscle Flap Salvage of Spine Wounds With Soft Tissue Defects or Infection. Spine, 2003, 28, 1203-1211.	2.0	91
13	Definitive Surgical Treatment of Infected or Exposed Ventral Hernia Mesh. Annals of Surgery, 2003, 237, 437-441.	4.2	90
14	The Effects of Targeted Muscle Reinnervation on Neuromas in a Rabbit Rectus Abdominis Flap Model. Journal of Hand Surgery, 2012, 37, 1609-1616.	1.6	76
15	Targeted muscle reinnervation in oncologic amputees: Early experience of a novel institutional protocol. Journal of Surgical Oncology, 2019, 120, 348-358.	1.7	69
16	Targeted Reinnervation in the Transfemoral Amputee. Plastic and Reconstructive Surgery, 2012, 129, 187-194.	1.4	66
17	Risk factors for 30-day readmission in patients undergoing ventral hernia repair. Surgery, 2014, 155, 702-710.	1.9	60
18	Simultaneous Prosthetic Mesh Abdominal Wall Reconstruction with Abdominoplasty for Ventral Hernia and Severe Rectus Diastasis Repairs. Plastic and Reconstructive Surgery, 2015, 135, 268-276.	1.4	60

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19	Targeted muscle reinnervation and prosthetic rehabilitation after limb loss. Journal of Surgical Oncology, 2018, 118, 807-814.	1.7	53
20	Targeted Muscle Reinnervation in the Initial Management of Traumatic Upper Extremity Amputation Injury. Hand, 2014, 9, 253-257.	1.2	52
21	Targeted Muscle Reinnervation Improves Residual Limb Pain, Phantom Limb Pain, and Limb Function: A Prospective Study of 33 Major Limb Amputees. Clinical Orthopaedics and Related Research, 2020, 478, 2161-2167.	1.5	52
22	Routine use of bioprosthetic mesh is not necessary: A retrospective reviewÂof 100 consecutive cases of intra-abdominal midweight polypropylene mesh for ventral herniaÂrepair. Surgery, 2013, 153, 393-399.	1.9	50
23	Treatment of Foot and Ankle Neuroma Pain With Processed Nerve Allografts. Foot and Ankle International, 2016, 37, 1098-1105.	2.3	48
24	Targeted Muscle Reinnervation in the Lower Leg: An Anatomical Study. Plastic and Reconstructive Surgery, 2018, 142, 541e-550e.	1.4	40
25	Targeted Muscle Reinnervation at the Time of Upper-Extremity Amputation for the Treatment of Pain Severity and Symptoms. Journal of Hand Surgery, 2021, 46, 72.e1-72.e10.	1.6	37
26	Experimental study of the characteristics of a novel mesh suture. British Journal of Surgery, 2015, 102, 1285-1292.	0.3	36
27	Reinventing Extremity Amputation in the Era of Functional Limb Restoration. Annals of Surgery, 2021, 273, 269-279.	4.2	36
28	In Vivo Evaluation of a Novel Mesh Suture Design for Abdominal Wall Closure. Plastic and Reconstructive Surgery, 2015, 135, 322e-330e.	1.4	30
29	Flap Reconstruction for Esophageal Perforation Complicating Anterior Cervical Spinal Fusion. Plastic and Reconstructive Surgery - Global Open, 2015, 3, e400.	0.6	26
30	Sonographic Evaluation of Common Peroneal Neuropathy in Patients With Foot Drop. Journal of Ultrasound in Medicine, 2015, 34, 705-711.	1.7	25
31	Staged management of the open abdomen and enteroatmospheric fistulae using split-thickness skin grafts. American Journal of Surgery, 2014, 207, 504-511.	1.8	24
32	Mesh Sutured Repairs of Abdominal Wall Defects. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1060.	0.6	24
33	Targeted Muscle Reinnervation as a Solution for Nerve Pain. Plastic and Reconstructive Surgery, 2020, 146, 651e-663e.	1.4	24
34	Targeted Muscle Reinnervation for Treatment of Neuropathic Pain. Clinics in Plastic Surgery, 2020, 47, 285-293.	1.5	24
35	Current Practices in the Management of Postoperative Arterial Vasospasm in Microsurgery. Journal of Reconstructive Microsurgery, 2018, 34, 242-249.	1.8	22
36	Reliable complex abdominal wall hernia repairs with a narrow, well-fixed retrorectus polypropylene mesh: A review of over 100 consecutive cases. Surgery, 2016, 160, 1508-1516.	1.9	17

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37	Mesh sutured repairs of contaminated incisional hernias. American Journal of Surgery, 2018, 216, 267-273.	1.8	16
38	Management of Unreconstructable Saphenous Nerve Injury with Targeted Muscle Reinnervation. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2383.	0.6	16
39	Advances in Transfemoral Amputee Rehabilitation: Early Experience with Targeted Muscle Reinnervation. Current Surgery Reports, 2014, 2, 1.	0.9	15
40	Targeted muscle reinnervation at the time of amputation in the management of complex regional pain syndrome of the lower extremity. Microsurgery, 2020, 40, 852-858.	1.3	15
41	Use of a harvested radial artery graft with preservation of the vena comitantes to reduce spasm risk and improve graft patency for extracranial to intracranial bypass: Technical note. Clinical Neurology and Neurosurgery, 2016, 142, 65-71.	1.4	14
42	Management of Sural Nerve Neuromas with Targeted Muscle Reinnervation. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2545.	0.6	14
43	Appreciation of Postpartum Changes of the Rectus Muscles in Primary and Repeated Abdominoplasty. Plastic and Reconstructive Surgery, 2019, 144, 197e-204e.	1.4	13
44	Targeted Muscle Reinnervation for the Treatment of Neuroma. Hand Clinics, 2021, 37, 345-359.	1.0	13
45	Umbilicus Reconstruction with Bilateral Square â€œPumpkin-Teethâ€•Advancement Flaps. Plastic and Reconstructive Surgery, 2018, 141, 186-189.	1.4	12
46	Treatment of Painful Nerves in the Abdominal Wall Using Processed Nerve Allografts. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1670.	0.6	12
47	Benchmarking Residual Limb Pain and Phantom Limb Pain in Amputees through a Patient-reported Outcomes Survey. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2977.	0.6	12
48	Current Risk Stratification Systems Are Not Generalizable across Surgical Technique in Midline Ventral Hernia Repair. Plastic and Reconstructive Surgery - Global Open, 2017, 5, e1206.	0.6	10
49	Donor-site Morbidity of Medial and Lateral Thigh-based Flaps. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1012.	0.6	8
50	Innovative Use of Thighplasty to Improve Prosthesis Fit and Function in a Transfemoral Amputee. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1632.	0.6	8
51	Mesh Repair of Rectus Diastasis for Abdominoplasty is Safer than Suture Plication. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3721.	0.6	8
52	Histologic Analysis of Sensory and Motor Axons in Branches of the Human Brachial Plexus. Plastic and Reconstructive Surgery, 2019, 144, 1359-1368.	1.4	7
53	Open repair of incisional ventral abdominal hernias with mesh leads to long-term improvement in pain interference as measured by patient-reported outcomes. American Journal of Surgery, 2017, 213, 58-63.	1.8	6
54	Theoretic and Evidence-Based Laparotomy Closure with Sutures and Meshes. Plastic and Reconstructive Surgery, 2018, 142, 117S-124S.	1.4	6

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55	Adjustment to amputation and interest in upper limb transplantation. SAGE Open Medicine, 2019, 7, 205031211985824.	1.8	5
56	<scp>Ultrasoundâ€Guided</scp> Lateral Abdominal Wall Botulinum Toxin Injection Before Ventral Hernia Repair. Journal of Ultrasound in Medicine, 2021, 40, 2019-2030.	1.7	5
57	Microvascular surgery in a bloodless field. Microsurgery, 2000, 20, 221-224.	1.3	4
58	The Emperor Has No Clothes. Plastic and Reconstructive Surgery, 2009, 123, 1137-1138.	1.4	4
59	Discussion. Plastic and Reconstructive Surgery, 2014, 133, 11-13.	1.4	4
60	Simplified Repair of Traumatic Iliac Crest Flank Hernias with Mesh Strips. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2970.	0.6	4
61	The External Oblique Turnover Muscle Flap. Plastic and Reconstructive Surgery, 2003, 111, 2344-2348.	1.4	3
62	Discussion: Immediate Soft-Tissue Reconstruction for Complex Defects of the Spine following Surgery for Spinal Neoplasms. Plastic and Reconstructive Surgery, 2010, 125, 1467-1468.	1.4	3
63	Cell Phone Application to Monitor Pain and Quality of Life in Neurogenic Pain Patients. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2732.	0.6	3
64	Kiteboarding Induced Abdominal Wall Pain: Intercostal Neuroma versus Anterior Cutaneous Nerve Entrapment (ACNES). Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3487.	0.6	3
65	Botulinum Toxin in the Treatment of Vasopressor-associated Symmetric Peripheral Gangrene. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3582.	0.6	3
66	Surgical Treatment of Abdominal Wall Neuromas. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3585.	0.6	3
67	Suturable Mesh Demonstrates Improved Outcomes over Standard Suture in a Porcine Laparotomy Closure Model. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3879.	0.6	3
68	Resolution of Cosmetic Buttock Injection-induced Inflammatory Reaction and Heart Failure after Excision of Filler Material. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1079.	0.6	2
69	Discussion. Plastic and Reconstructive Surgery, 2018, 142, 171S-172S.	1.4	2
70	Fascial Closure. Advances in Surgery, 2020, 54, 215-229.	1.3	2
71	Discussion: Adipose Tissueâ€"Derived Stem Cells Enhance Bioprosthetic Mesh Repair of Ventral Hernias. Plastic and Reconstructive Surgery, 2010, 126, 855-857.	1.4	1
72	Discussion. Plastic and Reconstructive Surgery, 2012, 130, 214S-215S.	1.4	1

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73	Suspension of Leg via a Single Tibial Pin Provides Postoperative Elevation and Pressure Off-loading for Lower Extremity Free Flaps. Plastic and Reconstructive Surgery - Global Open, 2013, 1, 1-2.	0.6	1
74	Reply. Plastic and Reconstructive Surgery, 2016, 137, 254e-255e.	1.4	1
75	Northwestern and Other Historical Vignettes regarding the Vascular Anastomotic Coupling Device. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2194.	0.6	1
76	Discussion: Advantages of a Fixation-Free Technique for Open Retromuscular Ventral Hernia Repair. Plastic and Reconstructive Surgery, 2020, 146, 891-892.	1.4	1
77	Targeted Muscle Reinnervation in Amputees: A Review of Current Techniques. Techniques in Orthopaedics, 2021, 36, 329-336.	0.2	1
78	Mesh abdominoplasty for rectus diastasis in women and men. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2021, 25, 863-870.	2.0	1
79	Discussion. Plastic and Reconstructive Surgery, 2019, 143, 1220-1221.	1.4	0
80	Commentary on Targeted Muscle Reinnervation in the Oncologic Population: A Literature Review and Current Practice. Current Surgery Reports, 2020, 8, 1.	0.9	0