

# Sunil S Tholpady

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

2,718  
citations

201385

27  
h-index

197535

49  
g-index

103  
all docs

103  
docs citations

103  
times ranked

3399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Surface and Transcriptional Characterization of Human Adipose-Derived Adherent Stromal (hADAS) Cells. <i>Stem Cells</i> , 2005, 23, 412-423.	1.4	452
2	Adipose Tissue: Stem Cells and Beyond. <i>Clinics in Plastic Surgery</i> , 2006, 33, 55-62.	0.7	123
3	The Surgical Correction of Pierre Robin Sequence. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 1433-1439.	0.7	109
4	Injectable tissue-engineered bone repair of a rat calvarial defect. <i>Laryngoscope</i> , 2010, 120, 895-901.	1.1	89
5	Psychometric findings and normative values for the CLEFT-Q based on 2434 children and young adult patients with cleft lip and/or palate from 12 countries. <i>Cmaj</i> , 2018, 190, E455-E462.	0.9	89
6	Regulation of Cranial Suture Morphogenesis. <i>Cells Tissues Organs</i> , 2004, 176, 54-66.	1.3	87
7	Alignment and composition of laminin-polycaprolactone nanofiber blends enhance peripheral nerve regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 406-423.	2.1	87
8	The Cellular Plasticity of Human Adipocytes. <i>Annals of Plastic Surgery</i> , 2005, 54, 651-656.	0.5	81
9	Comparative effects of scaffold pore size, pore volume, and total void volume on cranial bone healing patterns using microsphere-based scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 632-641.	2.1	76
10	Outcomes Analysis of Mandibular Distraction Osteogenesis for the Treatment of Pierre Robin Sequence. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 419-421.	0.7	76
11	Robin Sequence. <i>Plastic and Reconstructive Surgery</i> , 2014, 134, 738-745.	0.7	67
12	Evaluation of Host Tissue Integration, Revascularization, and Cellular Infiltration Within Various Dermal Substrates. <i>Annals of Plastic Surgery</i> , 2012, 68, 495-500.	0.5	62
13	Cellular dynamics and tissue interactions of the dura mater during head development. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2007, 81, 297-304.	3.6	58
14	FTY720 Promotes Local Microvascular Network Formation and Regeneration of Cranial Bone Defects. <i>Tissue Engineering - Part A</i> , 2010, 16, 1801-1809.	1.6	53
15	Ex Vivo Fat Graft Preservation. <i>Annals of Plastic Surgery</i> , 2004, 52, 281-282.	0.5	52
16	Complications Associated With Neonatal Mandibular Distraction Osteogenesis in the Treatment of Robin Sequence. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 383-387.	0.3	52
17	Pten Loss Induces Autocrine FGF Signaling to Promote Skin Tumorigenesis. <i>Cell Reports</i> , 2014, 6, 818-826.	2.9	44
18	Outcome following Surgical Interventions for Micrognathia in Infants with Pierre Robin Sequence: A Systematic Review of the Literature. <i>Cleft Palate-Craniofacial Journal</i> , 2017, 54, 32-42.	0.5	44

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19	Scholarly activity in academic plastic surgery: the gender difference. Journal of Surgical Research, 2018, 229, 332-336.	0.8	43
20	Defining failure and its predictors in mandibular distraction for Robin sequence. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1614-1619.	0.7	39
21	Local delivery of FTY720 accelerates cranial allograft incorporation and bone formation. Cell and Tissue Research, 2012, 347, 553-566.	1.5	38
22	The Cost of Intraoperative Plastic Surgery Education. Journal of Surgical Education, 2013, 70, 655-659.	1.2	34
23	Insulin-like growth factor-1 receptor regulates repair of ultraviolet B-induced DNA damage in human keratinocytes <i>in vivo</i> . Molecular Oncology, 2016, 10, 1245-1254.	2.1	34
24	Repair of an Osseous Facial Critical-Size Defect Using Augmented Fibrin Sealant. Laryngoscope, 1999, 109, 1585-1588.	1.1	29
25	Nasal airway and septal variation in unilateral and bilateral cleft lip and palate. Clinical Anatomy, 2014, 27, 999-1008.	1.5	29
26	Airway Obstruction and the Unilateral Cleft Lip and Palate Deformity. Annals of Plastic Surgery, 2015, 75, 37-43.	0.5	29
27	The Surgical Treatment of Robin Sequence. Annals of Plastic Surgery, 2016, 77, 413-419.	0.5	29
28	Proliferative capacity and osteogenic potential of novel dura mater stem cells on poly(lactide-co-glycolic acid). Journal of Biomedical Materials Research - Part A, 2008, 85A, 61-71.	2.1	28
29	Mandibular Distraction Osteogenesis in Low-Weight Neonates with Robin Sequence. Plastic and Reconstructive Surgery, 2015, 136, 1037-1044.	0.7	28
30	Digital Animation versus Textbook in Teaching Plastic Surgery Techniques to Novice Learners. Plastic and Reconstructive Surgery, 2013, 132, 101e-109e.	0.7	24
31	Predictors of internal mammary vessel diameter: A computed tomographic angiography-assisted anatomic analysis. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 1340-1348.	0.5	22
32	Airway Compromise following Palatoplasty in Robin Sequence. Plastic and Reconstructive Surgery, 2014, 134, 937e-945e.	0.7	21
33	Improving first case start times using Lean in an academic medical center. American Journal of Surgery, 2017, 213, 991-995.	0.9	21
34	Adipose stem cells and solid organ transplantation. Current Opinion in Organ Transplantation, 2009, 14, 51-55.	0.8	20
35	Pediatric reduction mammoplasty: A retrospective analysis of the Kids' Inpatient Database (KID). Surgery, 2015, 158, 793-801.	1.0	20
36	Robin sequence: what the multidisciplinary approach can do. Journal of Multidisciplinary Healthcare, 2017, Volume 10, 121-132.	1.1	20

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37	Pyoderma gangrenosum demographics, treatments, and outcomes: an analysis of 2,273 cases. <i>Journal of Wound Care</i> , 2018, 27, S4-S8.	0.5	20
38	An Epidemiological Analysis of Pediatric Dog Bite Injuries Over a Decade. <i>Journal of Surgical Research</i> , 2020, 246, 231-235.	0.8	20
39	Tensional Forces Influence Gene Expression and Sutural State of Rat Calvariae In Vitro. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 601-611.	0.7	17
40	Epidemiology and cause-specific outcomes of facial fracture in hospitalized children. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1979-1985.	0.7	16
41	Age at Diagnosis as a Relative Contraindication for Intervention in Facial Nonmelanoma Skin Cancer. <i>JAMA Surgery</i> , 2018, 153, 390.	2.2	16
42	C-spine injury and mandibular fractures: lifesaver broken in two spots. <i>Journal of Surgical Research</i> , 2016, 206, 386-390.	0.8	15
43	Hand Surgery Resources Exceed American Health Literacy. <i>Hand</i> , 2018, 13, 547-551.	0.7	15
44	Tourniquet Use in Wide-Awake Carpal Tunnel Release. <i>Hand</i> , 2020, 15, 59-63.	0.7	15
45	Human adipocyte viability testing, A new assay. <i>Aesthetic Surgery Journal</i> , 2003, 23, 265-269.	0.9	14
46	Epidemiology, demographics, and outcomes of craniomaxillofacial gunshot wounds in a Level I trauma center. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 403-411.	0.7	14
47	Decreased Wait Times After Institution of Office-Based Hand Surgery in a Veterans Administration Setting. <i>JAMA Surgery</i> , 2015, 150, 182.	2.2	14
48	Mandibular Distraction for Robin Sequence Associated With Laryngomalacia. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 826-830.	0.3	14
49	Utility of Tongue Stitch and Nasal Trumpet in the Immediate Postoperative Outcome of Cleft Palatoplasty. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 569-573.	0.7	14
50	Pediatric burns: Kids' Inpatient Database vs the National Burn Repository. <i>Journal of Surgical Research</i> , 2016, 201, 455-463.	0.8	14
51	Does Payer Type Influence Pediatric Burn Outcomes? A National Study Using the Healthcare Cost and Utilization Project Kids™ Inpatient Database. <i>Journal of Burn Care and Research</i> , 2016, 37, 314-320.	0.2	13
52	Facial Plastic Surgery Patient Resources Exceed National Institute Recommendations. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 759-763.	0.3	13
53	Spring-assisted cranial vault expansion in the setting of multisutural craniosynostosis and anomalous venous drainage: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 80-85.	0.8	12
54	Pediatric pyoderma gangrenosum: is it just big wounds on little adults?. <i>Journal of Surgical Research</i> , 2016, 206, 113-117.	0.8	12

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55	Analysis of the 50 most cited papers in craniofacial surgery. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 2152-2157.	0.7	11
56	The readability of psychosocial wellness patient resources: improving surgical outcomes. Journal of Surgical Research, 2017, 218, 43-48.	0.8	11
57	Safety and Utility of the Drainless Abdominoplasty in the Post-Bariatric Surgery Patient. Annals of Plastic Surgery, 2018, 80, 96-99.	0.5	11
58	Loss of mechanosensitive sclerostin may accelerate cranial bone growth and regeneration. Journal of Neurosurgery, 2018, 129, 1085-1091.	0.9	11
59	Design and biofabrication of dermal regeneration scaffolds: role of oligomeric collagen fibril density and architecture. Regenerative Medicine, 2020, 15, 1295-1312.	0.8	11
60	Randomized controlled trial of fractionated laser resurfacing on aged skin as prophylaxis against actinic neoplasia. Journal of Clinical Investigation, 2021, 131, .	3.9	11
61	Measuring Surgical Competency in Facial Trauma. Annals of Plastic Surgery, 2014, 73, 299-303.	0.5	10
62	Low-cost, high-definition video documentation of corrective cleft surgeries using a fixed laparoscope. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2014, 67, e58-e59.	0.5	10
63	Cone-Beam Computed Tomography Analysis of Mucosal Thickening in Unilateral Cleft Lip and Palate Maxillary Sinuses. Cleft Palate-Craniofacial Journal, 2016, 53, 640-648.	0.5	10
64	Distinct Effects of Adipose-Derived Stem Cells and Adipocytes on Normal and Cancer Cell Hierarchy. Molecular Cancer Research, 2016, 14, 660-671.	1.5	9
65	Helmet Use and Injury Patterns in Motorcycle-Related Trauma. JAMA Surgery, 2016, 151, 88.	2.2	9
66	Tranexamic Acid in Infantile Craniosynostosis Surgery: Friend or Foe?. Plastic and Reconstructive Surgery, 2020, 146, 1119-1127.	0.7	9
67	Omental Vascularized Lymph Node Flap: A Radiographic Analysis. Journal of Reconstructive Microsurgery, 2018, 34, 472-477.	1.0	8
68	Enamel Hypomineralization in Children With Clefts and the Relationship to Treatment. Annals of Plastic Surgery, 2018, 81, 544-547.	0.5	8
69	Treatment of Dupuytren Contracture With Injectable Collagenase Within the Veterans Affairs System. JAMA Surgery, 2017, 152, 204.	2.2	7
70	Comparison of Neurologic Trauma and Motorcycle Helmet Use in Drivers vs Passengers. JAMA Surgery, 2018, 153, 183.	2.2	7
71	Repair of a Pediatric Bilateral Condylar and Symphyseal Fracture Using a Transfacial Steinman Pin. Journal of Craniofacial Surgery, 2014, 25, e133-e136.	0.3	5
72	Cranial Reconstruction for Treatment of Intracranial Hypertension from Sclerosteosis: Case-Based Update. World Neurosurgery, 2014, 81, 442.e1-442.e5.	0.7	5

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73	Epidemiology and resource utilization in pediatric facial fractures. <i>Journal of Surgical Research</i> , 2016, 200, 648-654.	0.8	5
74	Skin Regeneration Using Dermal Substrates that Contain Autologous Cells and Silver Nanoparticles to Promote Antibacterial Activity: In Vitro Studies. <i>Military Medicine</i> , 2017, 182, 376-382.	0.4	5
75	Assessing the Necessity of Stopping Antithrombotic Agents Before Wide-Awake Hand Surgery. <i>JAMA Surgery</i> , 2018, 153, 284.	2.2	5
76	Leuconostoc pseudomesenteroides blood stream infection following liver transplantation. <i>Annals of Transplantation</i> , 2010, 15, 61-6.	0.5	5
77	Expression of Transforming Growth Factor- $\beta$ -Responsive Smads in Cranial Suture Development and Closure. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 324-328.	0.3	4
78	Incidence of Concomitant Airway Anomalies When Using the University of California, Los Angeles, Protocol for Neonatal Mandibular Distraction. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 1071e-1072e.	0.7	4
79	Malignant Hyperthermia in a 3-Year-Old Child With Microstomia. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 217-219.	0.3	4
80	Estrogen modulates mesenchymal-epidermal interactions in the adult nipple. <i>Development (Cambridge)</i> , 2017, 144, 1498-1509.	1.2	4
81	Mucosal Perfusion Preservation by a Novel Shapeable Tissue Expander for Oral Reconstruction. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017, 5, e1449.	0.3	4
82	Management of the Pressure Injury Patient with Osteomyelitis: An Algorithm. <i>Journal of the American College of Surgeons</i> , 2017, 225, 817-822.	0.2	4
83	Protective stenting for prevention of microvascular vascular pedicle compression. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, e314-e315.	0.5	3
84	The Effect of Local Rho-Kinase Inhibition on Murine Wound Healing. <i>Annals of Plastic Surgery</i> , 2014, 72, S213-S219.	0.5	3
85	Analysis of Cases in Which a Biopsy Specimen Is Positive and an Excised Lesion Is Negative for Nonmelanoma Skin Cancer. <i>JAMA Surgery</i> , 2016, 151, 486.	2.2	3
86	Predicting the Presence of Nonmelanoma Skin Cancers After Biopsy. <i>JAMA Surgery</i> , 2016, 151, 289.	2.2	3
87	Reshapable hydrogel tissue expander for ridge augmentation: Results of a series of successive insertions at the same intraoral site. <i>Journal of Periodontology</i> , 2019, 90, 718-727.	1.7	3
88	Complexity of health news reporting on breast implant-associated anaplastic large cell lymphoma. <i>Breast Journal</i> , 2019, 25, 163-165.	0.4	3
89	Patient-Reported Outcomes and Factors Associated With Patient Satisfaction After Surgical Treatment of Facial Nonmelanoma Skin Cancer. <i>JAMA Surgery</i> , 2019, 154, 179.	2.2	3
90	Complexity of online gender confirmation resources surpass patient literacy. <i>International Journal of Transgenderism</i> , 2017, 18, 367-371.	3.5	2

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91	The Veterans Affairs Medical Center's Contribution to Plastic Surgery Education. JAMA Surgery, 2018, 153, 287.	2.2	2
92	Molar incisor hypomineralization in the permanent dentition of patients with unilateral or bilateral cleft lip and palate versus controls. Dental, Oral, and Craniofacial Research, 2015, 1, .	0.1	2
93	The Effect of Agent Orange on Nonmelanoma Skin Cancer Regression Rates. JAMA Surgery, 2014, 149, 1205.	2.2	1
94	A Modified V-Y Chondromucosal Composite Flap for Correction of Secondary Cleft Nasal Deformity. Plastic and Reconstructive Surgery, 2015, 135, 455e-456e.	0.7	1
95	Microvascular Lifeboats. Plastic and Reconstructive Surgery, 2015, 135, 639e-640e.	0.7	1
96	Adjunctive liposuction for optimizing surgical access in the obese patient. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 142-145.	0.5	1
97	Trends in Surgical Treatment of Breast Cancer in the Veterans Affairs System. JAMA Surgery, 2017, 152, 305.	2.2	1
98	Melanoma Extirpation with Immediate Reconstruction. Plastic and Reconstructive Surgery, 2017, 139, 796e-797e.	0.7	1
99	Baseline Biomechanical Properties of Epithelia prior to Tissue Expansion in Dogs. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1773.	0.3	1
100	Design and experimental evaluation of a quantified depth shave biopsy device"Proof of concept. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2017, 70, 855-857.	0.5	0
101	Response to "Letter to the editor: Predictors of internal mammary vessel diameter: A computed tomographic angiography-assisted anatomic analysis", Madada-Nyakauru, et Al.. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 938-939.	0.5	0
102	Age and Treatment of Nonmelanoma Skin Cancer"Reply. JAMA Surgery, 2018, 153, 867.	2.2	0
103	The Use of Opioids in the Surgical Care of Patients With Orofacial Clefts: A Commentary and Guide to Management. Perspectives of the ASHA Special Interest Groups, 0, , 1-8.	0.4	0