

# Shailesh Agarwal

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,404  
citations

236612

25  
h-index

205818

48  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Treatment of Chronic Mastectomy Pain with Intercostal Sensory Neurectomy. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 876e-880e.	0.7	6
2	Lymphovenous shunts: from development to clinical applications. <i>Microcirculation</i> , 2021, 28, e12682.	1.0	5
3	Optimizing Breast Reconstruction through Integration of Plastic Surgery and Radiation Oncology. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3577.	0.3	3
4	Breast reconstruction in the patient with stable, metastatic breast cancer. <i>Breast Journal</i> , 2020, 26, 335-336.	0.4	0
5	Lymphatic Microsurgical Preventive Healing Approach (LYMPHA) for the prevention of secondary lymphedema. <i>Breast Journal</i> , 2020, 26, 721-724.	0.4	24
6	Second primary breast cancer after unilateral mastectomy alone or with contralateral prophylactic mastectomy. <i>Cancer Medicine</i> , 2020, 9, 8043-8052.	1.3	4
7	Regulation of heterotopic ossification by monocytes in a mouse model of aberrant wound healing. <i>Nature Communications</i> , 2020, 11, 722.	5.8	104
8	Masculinizing Genital Gender Confirmation Surgery. <i>Sexual Medicine Reviews</i> , 2019, 7, 141-155.	1.5	46
9	Disruption of Neutrophil Extracellular Traps (NETs) Links Mechanical Strain to Post-traumatic Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 2148.	2.2	25
10	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 465-466.	0.7	11
11	Coordinating Tissue Regeneration Through Transforming Growth Factor- $\beta$ 2 Activated Kinase 1 Inactivation and Reactivation. <i>Stem Cells</i> , 2019, 37, 766-778.	1.4	10
12	Mesenchymal VEGFA induces aberrant differentiation in heterotopic ossification. <i>Bone Research</i> , 2019, 7, 36.	5.4	37
13	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 478-479.	0.7	0
14	Discussion: Developing a Lymphatic Surgery Program: A First-Year Review. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 986e-987e.	0.7	1
15	Characterizing the Circulating Cell Populations in Traumatic Heterotopic Ossification. <i>American Journal of Pathology</i> , 2018, 188, 2464-2473.	1.9	28
16	Cohort study of immediate implant exchange during acute infection in the setting of breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 865-870.	0.5	12
17	The traumatic bone: trauma-induced heterotopic ossification. <i>Translational Research</i> , 2017, 186, 95-111.	2.2	95
18	Hair follicle specific ACVR1/ALK2 critically affects skin morphogenesis and attenuates wound healing. <i>Wound Repair and Regeneration</i> , 2017, 25, 521-525.	1.5	8

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19	Body contouring after obesity surgery is associated with a weight loss benefit among patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1186-1190.	0.5	13
20	BMP-2-induced bone formation and neural inflammation. <i>Journal of Orthopaedics</i> , 2017, 14, 252-256.	0.6	51
21	Heterotopic Ossification Following Upper Extremity Injury. <i>Hand Clinics</i> , 2017, 33, 363-373.	0.4	21
22	Strategic Targeting of Multiple BMP Receptors Prevents Trauma-Induced Heterotopic Ossification. <i>Molecular Therapy</i> , 2017, 25, 1974-1987.	3.7	57
23	Peripheral Neuropathy and Nerve Compression Syndromes in Burns. <i>Clinics in Plastic Surgery</i> , 2017, 44, 793-803.	0.7	24
24	Heterotopic Ossification and Hypertrophic Scars. <i>Clinics in Plastic Surgery</i> , 2017, 44, 749-755.	0.7	30
25	Scleraxis-Lineage Cells Contribute to Ectopic Bone Formation in Muscle and Tendon. <i>Stem Cells</i> , 2017, 35, 705-710.	1.4	102
26	Surgical Excision of Heterotopic Ossification Leads to Re-Emergence of Mesenchymal Stem Cell Populations Responsible for Recurrence. <i>Stem Cells Translational Medicine</i> , 2017, 6, 799-806.	1.6	44
27	Combined reflectance and Raman spectroscopy to assess degree of inÂvivo angiogenesis after tissue injury. <i>Journal of Surgical Research</i> , 2017, 209, 174-177.	0.8	4
28	Association between unilateral or bilateral mastectomy and breast cancer death in patients with unilateral ductal carcinoma. <i>Cancer Management and Research</i> , 2017, Volume 9, 649-656.	0.9	7
29	The association between socioeconomic factors and breast cancer-specific survival varies by race. <i>PLoS ONE</i> , 2017, 12, e0187018.	1.1	18
30	Analysis of Bone-Cartilage-Stromal Progenitor Populations in Trauma Induced and Genetic Models of Heterotopic Ossification. <i>Stem Cells</i> , 2016, 34, 1692-1701.	1.4	27
31	Local and Circulating Endothelial Cells Undergo Endothelial to Mesenchymal Transition (EndMT) in Response to Musculoskeletal Injury. <i>Scientific Reports</i> , 2016, 6, 32514.	1.6	37
32	The role of the adaptive immune system in burn-induced heterotopic ossification and mesenchymal cell osteogenic differentiation. <i>Journal of Surgical Research</i> , 2016, 206, 53-61.	0.8	18
33	Targeted stimulation of retinoic acid receptor-Î³ mitigates the formation of heterotopic ossification in an established blast-related traumatic injury model. <i>Bone</i> , 2016, 90, 159-167.	1.4	51
34	Inhibition of Hif1Î± prevents both trauma-induced and genetic heterotopic ossification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E338-47.	3.3	178
35	mTOR inhibition and BMP signaling act synergistically to reduce muscle fibrosis and improve myofiber regeneration. <i>JCI Insight</i> , 2016, 1, e89805.	2.3	21
36	Characterization of Cells Isolated from Genetic and Trauma-Induced Heterotopic Ossification. <i>PLoS ONE</i> , 2016, 11, e0156253.	1.1	16

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37	Direct Mouse Trauma/Burn Model of Heterotopic Ossification. Journal of Visualized Experiments, 2015, e52880.	0.2	31
38	Engendering Allograft Ignorance in a Mouse Model of Allogeneic Skin Transplantation to the Distal Hind Limb. Annals of Surgery, 2015, 261, 611-618.	2.1	2
39	Characterization of Heterotopic Ossification Using Radiographic Imaging: Evidence for a Paradigm Shift. PLoS ONE, 2015, 10, e0141432.	1.1	14
40	Raman spectroscopy for label-free identification of calciphylaxis. Journal of Biomedical Optics, 2015, 20, 080501.	1.4	11
41	Diminished Chondrogenesis and Enhanced Osteoclastogenesis in Leptin-Deficient Diabetic Mice ( <i>ob/ob</i> ) Impair Pathologic, Trauma-Induced Heterotopic Ossification. Stem Cells and Development, 2015, 24, 2864-2872.	1.1	17
42	BMP signaling mediated by constitutively active Activin type 1 receptor (ACVR1) results in ectopic bone formation localized to distal extremity joints. Developmental Biology, 2015, 400, 202-209.	0.9	41
43	Immediate Reconstruction of the Radiated Breast: Recent Trends Contrary to Traditional Standards. Annals of Surgical Oncology, 2015, 22, 2551-2559.	0.7	84
44	Heterotopic Ossification: Basic-Science Principles and Clinical Correlates. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1101-1111.	1.4	280
45	Morphomic analysis as an aid for preoperative risk stratification in patients undergoing major head and neck cancer surgery. Journal of Surgical Research, 2015, 194, 177-184.	0.8	4
46	Radiation Delivery in Patients Undergoing Therapeutic Nipple-Sparing Mastectomy. Annals of Surgical Oncology, 2015, 22, 46-51.	0.7	11
47	Defining the Relationship between Patient Decisions to Undergo Breast Reconstruction and Contralateral Prophylactic Mastectomy. Plastic and Reconstructive Surgery, 2015, 135, 661-670.	0.7	53
48	Rigid sternal fixation in the management of pediatric postmedian sternotomy mediastinitis: A 20-year study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2015, 68, 1656-1661.	0.5	2
49	Abdominal wall dynamics after component separation hernia repair. Journal of Surgical Research, 2015, 193, 497-503.	0.8	28
50	Picking a bone with heterotopic ossification: translational progress current and future. Annals of Translational Medicine, 2015, 3, 188.	0.7	1
51	Adipose-Derived Mesenchymal Stem Cells from Ventral Hernia Repair Patients Demonstrate Decreased Vasculogenesis. BioMed Research International, 2014, 2014, 1-7.	0.9	6
52	Effect of Breast Conservation Therapy vs Mastectomy on Disease-Specific Survival for Early-Stage Breast Cancer. JAMA Surgery, 2014, 149, 267.	2.2	283
53	Treatment of heterotopic ossification through remote ATP hydrolysis. Science Translational Medicine, 2014, 6, 255ra132.	5.8	119
54	Targeting of ALK2, a Receptor for Bone Morphogenetic Proteins, Using the Cre/lox System to Enhance Osseous Regeneration by Adipose-Derived Stem Cells. Stem Cells Translational Medicine, 2014, 3, 1375-1380.	1.6	9

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55	Therapeutic nipple-sparing mastectomy: trends based on a national cancer database. American Journal of Surgery, 2014, 208, 93-98.	0.9	59
56	Cross-sectional area of the abdomen predicts complication incidence in patients undergoing sternal reconstruction. Journal of Surgical Research, 2014, 192, 670-677.	0.8	13
57	Lipofibromatous Hamartoma of the Median Nerve. Journal of Hand Surgery, 2013, 38, 392-397.	0.7	27
58	Local Recurrence of Breast Cancer 52 Years after Halsted Mastectomy: Is There a Role for More Aggressive Ipsilateral Surveillance?. Case Reports in Oncological Medicine, 2011, 2011, 1-3.	0.2	0
59	An Analysis of Immediate Postmastectomy Breast Reconstruction Frequency Using the Surveillance, Epidemiology, and End Results Database. Breast Journal, 2011, 17, 352-358.	0.4	87
60	Survival in Breast Cancer Patients Undergoing Immediate Breast Reconstruction. Breast Journal, 2010, 16, 503-509.	0.4	30
61	Use of Resorbable Implants for Mandibular Fixation. Journal of Craniofacial Surgery, 2009, 20, 331-339.	0.3	54