

# Sambit Sahoo

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,559  
citations

566801

15  
h-index

525886

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a Novel Polymeric Scaffold for Potential Application in Tendon/Ligament Tissue Engineering. <i>Tissue Engineering</i> , 2006, 12, 91-99.	4.9	304
2	A bFGF-releasing silk/PLGA-based biohybrid scaffold for ligament/tendon tissue engineering using mesenchymal progenitor cells. <i>Biomaterials</i> , 2010, 31, 2990-2998.	5.7	291
3	Growth factor delivery through electrospun nanofibers in scaffolds for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1539-1550.	2.1	192
4	Development of hybrid polymer scaffolds for potential applications in ligament and tendon tissue engineering. <i>Biomaterials (Bristol)</i> , 2007, 2, 169-173.	1.7	115
5	Bioactive nanofibers for fibroblastic differentiation of mesenchymal precursor cells for ligament/tendon tissue engineering applications. <i>Differentiation</i> , 2010, 79, 102-110.	1.0	108
6	PLGA nanofiber-coated silk microfibrillar scaffold for connective tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 95B, 19-28.	1.6	106
7	Enhanced osteoinductivity and osteoconductivity through hydroxyapatite coating of silk-based tissue-engineered ligament scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 555-566.	2.1	92
8	Bio-electrospraying: A potentially safe technique for delivering progenitor cells. <i>Biotechnology and Bioengineering</i> , 2010, 106, 690-698.	1.7	55
9	Investigating muscle regeneration with a dermis/small intestinal submucosa scaffold in a rat full-thickness abdominal wall defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 355-364.	1.6	39
10	Early Wound Morbidity after Open Ventral Hernia Repair with Biosynthetic or Polypropylene Mesh. <i>Journal of the American College of Surgeons</i> , 2017, 225, 472-480e1.	0.2	39
11	A Hybrid Silk/RADA-Based Fibrous Scaffold with Triple Hierarchy for Ligament Regeneration. <i>Tissue Engineering - Part A</i> , 2012, 18, 1399-1409.	1.6	36
12	Mechanical characterization and biocompatibility of a novel reinforced fascia patch for rotator cuff repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 221-230.	2.1	31
13	Clinically relevant mechanical testing of hernia graft constructs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 41, 177-188.	1.5	23
14	Effect of pretension and suture needle type on mechanical properties of acellular human dermis patches for rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 1413-1421.	1.2	17
15	Associations of Preoperative Patient Mental Health and Sociodemographic and Clinical Characteristics With Baseline Pain, Function, and Satisfaction in Patients Undergoing Rotator Cuff Repairs. <i>American Journal of Sports Medicine</i> , 2020, 48, 432-443.	1.9	17
16	Validity and efficiency of a smartphone-based electronic data collection tool for operative data in rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1249-1256.	1.2	16
17	Tear characteristics and surgeon influence repair technique and suture anchor use in repair of superior-posterior rotator cuff tendon tears. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 227-236.	1.2	12
18	Fiber-reinforced dermis graft for ventral hernia repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 34, 320-329.	1.5	10

#	ARTICLE	IF	CITATIONS
19	Scaffolds for tendon and ligament tissue engineering. , 2010, , 452-468.		8
20	Inter-rater agreement of rotator cuff tendon and muscle magnetic resonance imaging parameters evaluated preoperatively and during the first postoperative year following rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2021, 30, e741-e752.	1.2	8
21	Associations of preoperative patient mental health status and sociodemographic and clinical characteristics with baseline pain, function, and satisfaction in patients undergoing primary shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, e212-e224.	1.2	7
22	Assessment of Human Acellular Dermis Graft in Porcine Models for Ventral Hernia Repair. Tissue Engineering - Part C: Methods, 2017, 23, 718-727.	1.1	6
23	Interface tissue engineering: next phase in musculoskeletal tissue repair. Annals of the Academy of Medicine, Singapore, 2011, 40, 245-51.	0.2	6
24	Development of a critical-sized ventral hernia model in the pig. Journal of Surgical Research, 2017, 210, 115-123.	0.8	5
25	Changes From Baseline in Patient- Reported Outcomes at 1 Year Versus 2 Years After Rotator Cuff Repair: A Systematic Review and Meta-analysis. American Journal of Sports Medicine, 2022, 50, 2304-2314.	1.9	5
26	<title>Towards an ideal polymer scaffold for tendon/ligament tissue engineering</title>. , 2005, , .		3
27	A novel radiopaque tissue marker for soft tissue localization and in vivo length and area measurements. PLoS ONE, 2019, 14, e0224244.	1.1	3
28	Biologic- and Synthetic-Based Scaffolds for Tendon Regeneration. , 2015, , 243-255.		2
29	Biodegradable hyaluronan hydrogel coatings on acellular dermis graftsâ€”A potential strategy to improve biologic graft durability in hernia repair application. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2664-2672.	1.6	2
30	Variability of glenohumeral positioning and bone-to-tendon marker length measurements in repaired rotator cuffs from longitudinal computed tomographic imaging. JSES International, 2020, 4, 838-847.	0.7	1
31	Early Patient Morbidity after Open Ventral Hernia Repair with Permanent Synthetic vs Biosynthetic Mesh. Journal of the American College of Surgeons, 2016, 223, e19.	0.2	0
32	Effectiveness of a web-based electronic prospective data collection tool for surgical data in shoulder arthroplasty. Seminars in Arthroplasty, 2021, 31, 422-429.	0.3	0