Simon Young

List of Publications by Year in descending order

65 papers	4,196 citations	257101 24 h-index	168136 53 g-index
66 all docs	66 docs citations	66 times ranked	6581 citing authors

#	Article	IF	Citations
1	Gelatin as a delivery vehicle for the controlled release of bioactive molecules. Journal of Controlled Release, 2005, 109, 256-274.	4.8	928
2	Dual delivery of an angiogenic and an osteogenic growth factor for bone regeneration in a critical size defect model. Bone, 2008, 43, 931-940.	1.4	514
3	Evaluation of bone regeneration using the rat critical size calvarial defect. Nature Protocols, 2012, 7, 1918-1929.	5.5	485
4	Injectable Biomaterials for Regenerating Complex Craniofacial Tissues. Advanced Materials, 2009, 21, 3368-3393.	11.1	270
5	Dose Effect of Dual Delivery of Vascular Endothelial Growth Factor and Bone Morphogenetic Protein-2 on Bone Regeneration in a Rat Critical-Size Defect Model. Tissue Engineering - Part A, 2009, 15, 2347-2362.	1.6	231
6	Repair of osteochondral defects with biodegradable hydrogel composites encapsulating marrow mesenchymal stem cells in a rabbit model. Acta Biomaterialia, 2010, 6, 39-47.	4.1	160
7	STINGel: Controlled release of a cyclic dinucleotide for enhanced cancer immunotherapy. Biomaterials, 2018, 163, 67-75.	5.7	158
8	Advances in immunotherapy delivery from implantable and injectable biomaterials. Acta Biomaterialia, 2019, 88, 15-31.	4.1	127
9	Mitigating SOX2-potentiated Immune Escape of Head and Neck Squamous Cell Carcinoma with a STING-inducing Nanosatellite Vaccine. Clinical Cancer Research, 2018, 24, 4242-4255.	3.2	114
10	Antibiotic-releasing porous polymethylmethacrylate constructs for osseous space maintenance and infection control. Biomaterials, 2010, 31, 4146-4156.	5.7	109
11	Substrate Stressâ€Relaxation Regulates Scaffold Remodeling and Bone Formation In Vivo. Advanced Healthcare Materials, 2017, 6, 1601185.	3.9	104
12	HPV16 drives cancer immune escape via NLRX1-mediated degradation of STING. Journal of Clinical Investigation, 2020, 130, 1635-1652.	3.9	104
13	Influence of injection technique, drug formulation and tumor microenvironment on intratumoral immunotherapy delivery and efficacy. , 2021, 9, e001800.		59
14	Microcomputed Tomography Characterization of Neovascularization in Bone Tissue Engineering Applications. Tissue Engineering - Part B: Reviews, 2008, 14, 295-306.	2.5	58
15	Immune microenvironment modulation unmasks therapeutic benefit of radiotherapy and checkpoint inhibition. , 2019, 7, 216.		56
16	Single-Molecule I2@US-Tube Nanocapsules: A New X-ray Contrast-Agent Design. Advanced Materials, 2007, 19, 573-576.	11.1	48
17	A composite critical-size rabbit mandibular defect for evaluation of craniofacial tissue regeneration. Nature Protocols, 2016, 11, 1989-2009.	5.5	48
18	The role of 3D printing in treating craniomaxillofacial congenital anomalies. Birth Defects Research, 2018, 110, 1055-1064.	0.8	40

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19	Development and characterization of a rabbit alveolar bone nonhealing defect model. Journal of Biomedical Materials Research - Part A, 2008, 86A, 182-194.	2.1	39
20	Evaluation of Soft Tissue Coverage over Porous Polymethylmethacrylate Space Maintainers Within Nonhealing Alveolar Bone Defects. Tissue Engineering - Part C: Methods, 2010, 16, 1427-1438.	1.1	39
21	Evaluation of bone regeneration by DNA release from composites of oligo(poly(ethylene glycol)) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Biomedical Materials Research - Part A, 2006, 78A, 335-342.	2.1	38
22	Solid lipid templating of macroporous tissue engineering scaffolds. Biomaterials, 2007, 28, 3497-3507.	5.7	32
23	Bone Tissue Engineering Challenges in Oral & Maxillofacial Surgery. Advances in Experimental Medicine and Biology, 2015, 881, 57-78.	0.8	30
24	Current Methods of Maxillofacial Tissue Engineering. Oral and Maxillofacial Surgery Clinics of North America, 2019, 31, 579-591.	0.4	30
25	Immediate Transoral Allogeneic Bone Grafting for Large Mandibular Defects. Less Morbidity, More Bone. A Paradigm in Benign Tumor Mandibular Reconstruction?. Journal of Oral and Maxillofacial Surgery, 2017, 75, 828-838.	0.5	28
26	Three-Dimensional Printing for Craniofacial Bone Tissue Engineering. Tissue Engineering - Part A, 2020, 26, 1303-1311.	1.6	28
27	Biomaterial-Facilitated Immunotherapy for Established Oral Cancers. ACS Biomaterials Science and Engineering, 2021, 7, 415-421.	2.6	27
28	Surface Characteristics of Biomaterials Used for Space Maintenance in a Mandibular Defect: A Pilot Animal Study. Journal of Oral and Maxillofacial Surgery, 2011, 69, 11-18.	0.5	26
29	In situ formation of porous space maintainers in a composite tissue defect. Journal of Biomedical Materials Research - Part A, 2012, 100A, 827-833.	2.1	22
30	A technique for the treatment of oralâ€“antral fistulas resulting from medication-related osteonecrosis of the maxilla: the combined buccal fat pad flap and radical sinusotomy. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2016, 122, 287-291.	0.2	22
31	Anti-tumor immunity induced by ectopic expression of viral antigens is transient and limited by immune escape. OncoImmunology, 2019, 8, e1568809.	2.1	22
32	Tissue Engineered Prevascularized Bone and Soft Tissue Flaps. Oral and Maxillofacial Surgery Clinics of North America, 2017, 29, 63-73.	0.4	19
33	Is Reconstruction of Large Mandibular Defects Using Bioengineering Materials Effective?. Journal of Oral and Maxillofacial Surgery, 2020, 78, 661.e1-661.e29.	0.5	18
34	Drug-Mimicking Nanofibrous Peptide Hydrogel for Inhibition of Inducible Nitric Oxide Synthase. ACS Biomaterials Science and Engineering, 2019, 5, 6755-6765.	2.6	17
35	Local Antiâ€“PD-1 Delivery Prevents Progression of Premalignant Lesions in a 4NQO-Oral Carcinogenesis Mouse Model. Cancer Prevention Research, 2021, 14, 767-778.	0.7	13
36	An Insight into Acute Pericoronitis and the Need for an Evidence-Based Standard of Care. Dentistry Journal, 2019, 7, 88.	0.9	12

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37	Use of Human Dental Pulp and Endothelial Cell Seeded Tyrosine-Derived Polycarbonate Scaffolds for Robust in vivo Alveolar Jaw Bone Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 796.	2.0	12
38	Building a Functional Salivary Gland for Cell-Based Therapy: More than Secretory Epithelial Acini. Tissue Engineering - Part A, 2020, 26, 1332-1348.	1.6	12
39	Silicon Oxynitrophosphide <scp>Nanoscale Coating</scp> Enhances Antioxidant Markerâ€Induced Angiogenesis During in vivo Cranial Boneâ€Defect Healing. JBMR Plus, 2021, 5, e10425.	1.3	12
40	Tissue response to composite hydrogels for vertical bone augmentation in the rat. Journal of Biomedical Materials Research - Part A, 2014, 102, 2079-2088.	2.1	9
41	Bioinspired electrospun decellularized extracellular matrix scaffolds promote muscle regeneration in a rat skeletal muscle defect model. Journal of Biomedical Materials Research - Part A, 2022, 110, 1090-1100.	2.1	9
42	Development and Characterization of a Rabbit Model of Compromised Maxillofacial Wound Healing. Tissue Engineering - Part C: Methods, 2019, 25, 160-167.	1.1	8
43	Brush swab as a noninvasive surrogate for tissue biopsies in epigenomic profiling of oral cancer. Biomarker Research, 2021, 9, 90.	2.8	7
44	COVID-Associated Avascular Necrosis of the Maxillaâ€"A Rare, New Side Effect of COVID-19. Journal of Oral and Maxillofacial Surgery, 2022, 80, 1254-1259.	0.5	7
45	Tissue Engineering in Oral and Maxillofacial Surgery. , 2014, , 1487-1506.		6
46	Reconstruction of Temporal Hollowing Defect With Anterior-Lateral Thigh Free Flap Following Resection of Recurrent Ameloblastoma of the Infratemporal Fossa and Right Mandible (a Case Report). Journal of Oral and Maxillofacial Surgery, 2016, 74, 1898.e1-1898.e9.	0.5	6
47	Development and validation of multiparametric MRI-based nomogram for predicting occult metastasis risk in early tongue squamous cell carcinoma. BMC Cancer, 2021, 21, 408.	1.1	6
48	Interfacial adhesion and surface bioactivity of anodized titanium modified with SiON and SiONP surface coatings. Surfaces and Interfaces, 2022, 28, 101645.	1.5	4
49	Oral squamous cell carcinoma outcome in adolescent/young adult: Systematic review and m etaâ€analysis. Head and Neck, 2021, , .	0.9	4
50	Tissue-engineered alloplastic scaffolds for reconstruction of alveolar defects. , 2019, , 505-520.		3
51	Effect of Radiation on DCE-MRI Pharmacokinetic Parameters in a Rabbit Model of Compromised Maxillofacial Wound Healing: A Pilot Study. Journal of Oral and Maxillofacial Surgery, 2020, 78, 1034.e1-1034.e10.	0.5	3
52	Materials-Based Cancer Immunotherapies. , 2019, , 715-739.		2
53	Tissue engineering in oral and maxillofacial surgery. , 2020, , 1201-1220.		2
54	Oral and Maxillofacial Surgery. , 2007, , 1079-1094.		2

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55	Tissue Engineering Strategies for Craniomaxillofacial Surgery: Current Trends in 3D-Printed Bioactive Ceramic Scaffolds. Springer Series in Biomaterials Science and Engineering, 2022, , 55-74.	0.7	2
56	The Use of a Custom-Made Ethylene Vinyl Acetate Interim Obturator for Sub-Total and Total Maxillectomies. A Report of 4 Cases. Journal of Oral and Maxillofacial Surgery, 2016, 74, e83.	0.5	1
57	Development of Mesoporous Silica Rod-Based Immunotherapies for Head and Neck Squamous Cell Carcinoma. Journal of Oral and Maxillofacial Surgery, 2016, 74, e5.	0.5	1
58	Overcoming Resistance to Checkpoint Inhibitors through a Rationally-Designed Combinatorial Immunotherapy Approach. Journal of Oral and Maxillofacial Surgery, 2017, 75, e331-e332.	0.5	1
59	The Efficacy of Bioengineering (Stem Cells, Allogeneic Bone, and rhBMP-2) for Reconstruction of Large Mandibular Continuity Defects: A Retrospective Study of 24 Patients over a 3-Year Period. Journal of Oral and Maxillofacial Surgery, 2018, 76, e75.	0.5	1
60	Massive macroglossia, a rare side effect of COVID-19: clinical, histologic, and genomic findings in COVID-19-positive versus COVID-19-negative patients. Oral and Maxillofacial Surgery, 2022, , 1.	0.6	1
61	Poly(Propylene Fumarate) Scaffolds With Surface Porosity for Space Maintenance of Mandibular Defects. Journal of Oral and Maxillofacial Surgery, 2007, 65, 36.e1.	0.5	0
62	Poster Board Number: 36: Secondary Orbital Reconstruction Utilizing Patient-Specific Implants. Journal of Oral and Maxillofacial Surgery, 2010, 68, e81-e82.	0.5	0
63	The Incidence of COVID-19 Patients in Oral and Maxillofacial Surgery. Journal of Oral and Maxillofacial Surgery, 2022, 80, 525-529.	0.5	0
64	The Future of Bioengineering for Head and Neck Reconstruction: The Customized Free Flap. , 2019, , 269-278.		0
65	Abstract A08: Resolving STING-mediated tumor immune microenvironment shift at single-cell resolution. , 2020, , .		0