

Stefano Sivolella

List of Publications by Year in descending order

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89

papers

2,061

citations

279798

23

h-index

265206

42

g-index

93

all docs

93

docs citations

93

times ranked

3187

citing authors

#	ARTICLE	IF	CITATIONS
1	Powder-based 3D printing for bone tissue engineering. <i>Biotechnology Advances</i> , 2016, 34, 740-753.	11.7	236
2	Nanostructured Biomaterials for Tissue Engineered Bone Tissue Reconstruction. <i>International Journal of Molecular Sciences</i> , 2012, 13, 737-757.	4.1	99
3	Metal Nanoparticles Released from Dental Implant Surfaces: Potential Contribution to Chronic Inflammation and Peri-Implant Bone Loss. <i>Materials</i> , 2019, 12, 2036.	2.9	96
4	Endoscopic evaluation of the bone-added osteotome sinus floor elevation procedure. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2004, 33, 189-194.	1.5	95
5	Toward the Validation of Visual Analogue Scale for Anxiety. <i>Anesthesia Progress</i> , 2011, 58, 8-13.	0.5	77
6	Denosumab and anti-angiogenetic drug-related osteonecrosis of the jaw: an uncommon but potentially severe disease. <i>Anticancer Research</i> , 2013, 33, 1793-7.	1.1	75
7	Osteotomy for Lower Third Molar Gernectomy: Randomized Prospective Crossover Clinical Study Comparing Piezosurgery and Conventional Rotatory Osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e15-e23.	1.2	68
8	Biocompatibility and antibacterial properties of zirconium nitride coating on titanium abutments: An in vitro study. <i>PLoS ONE</i> , 2018, 13, e0199591.	2.5	65
9	Donor Age-Related Biological Properties of Human Dental Pulp Stem Cells Change in Nanostructured Scaffolds. <i>PLoS ONE</i> , 2012, 7, e49146.	2.5	64
10	Adipose Tissue Regeneration: A State of the Art. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	56
11	Silver Nanoparticles in Alveolar Bone Surgery Devices. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-12.	2.7	56
12	Nanostructured Surfaces of Dental Implants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1918-1931.	4.1	53
13	In Vitro Concurrent Endothelial and Osteogenic Commitment of Adipose-Derived Stem Cells and Their Genomical Analyses Through Comparative Genomic Hybridization Array: Novel Strategies to Increase the Successful Engraftment of Tissue-Engineered Bone Grafts. <i>Stem Cells and Development</i> , 2012, 21, 767-777.	2.1	50
14	A Hyaluronan-Based Scaffold for the in Vitro Construction of Dental Pulp-Like Tissue. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4666-4681.	4.1	49
15	Autogenous particulate bone collected with a piezo-electric surgical device and bone trap: a microbiological and histomorphometric study. <i>Archives of Oral Biology</i> , 2006, 51, 883-891.	1.8	45
16	Biopolymers for Hard and Soft Engineered Tissues: Application in Odontoiatric and Plastic Surgery Field. <i>Polymers</i> , 2011, 3, 509-526.	4.5	43
17	Mechanisms underlying the attachment and spreading of human osteoblasts: From transient interactions to focal adhesions on vitronectin-grafted bioactive surfaces. <i>Acta Biomaterialia</i> , 2013, 9, 6105-6115.	8.3	41
18	Extraoral endodontic treatment, odontotomy and intentional replantation of a double maxillary lateral permanent incisor: case report and 6â€‘year followâ€‘up. <i>International Endodontic Journal</i> , 2008, 41, 538-546.	5.0	34

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19	Splinted and Unsplinted Short Implants in Mandibles: A Retrospective Evaluation With 5 to 16 Years of Follow-Up. <i>Journal of Periodontology</i> , 2013, 84, 502-512.	3.4	33
20	Nanotechnology to drive stem cell commitment. <i>Nanomedicine</i> , 2013, 8, 469-486.	3.3	29
21	Implant-supported mandibular overdentures: a cross-sectional study. <i>Clinical Oral Implants Research</i> , 2012, 23, 814-819.	4.5	28
22	The Impact of Bioceramic Scaffolds on Bone Regeneration in Preclinical In Vivo Studies: A Systematic Review. <i>Materials</i> , 2020, 13, 1500.	2.9	27
23	Melkersson-Rosenthal syndrome: a case report of a rare disease with overlapping features. <i>Allergy, Asthma and Clinical Immunology</i> , 2019, 15, 1.	2.0	26
24	Destructive Membranous Periodontal Disease (Ligneous Gingivitis): A Literature Review. <i>Journal of Periodontology</i> , 2012, 83, 465-476.	3.4	25
25	Diode laser to treat small oral vascular malformations: A prospective case series study. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 111-116.	2.1	25
26	Dental care during COVID-19 pandemic: Survey of experts' opinion. <i>Clinical Oral Implants Research</i> , 2020, 31, 1253-1260.	4.5	25
27	Release of VEGF from Dental Implant Improves Osteogenetic Process: Preliminary In Vitro Tests. <i>Materials</i> , 2017, 10, 1052.	2.9	23
28	Osteogenesis at implants without primary bone contact – An experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2012, 23, 542-549.	4.5	21
29	Bioactive Sphene-Based Ceramic Coatings on cpTi Substrates for Dental Implants: An In Vitro Study. <i>Materials</i> , 2018, 11, 2234.	2.9	21
30	Managing dentoalveolar surgical procedures in patients taking new oral anticoagulants. <i>Odontology / the Society of the Nippon Dental University</i> , 2015, 103, 258-263.	1.9	20
31	Nanostructured Guidance for Peripheral Nerve Injuries: A Review with a Perspective in the Oral and Maxillofacial Area. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3088-3117.	4.1	19
32	Influence of Crown-to-Implant Ratio on Long-Term Marginal Bone Loss Around Short Implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 992-998.	1.4	19
33	The bone lid technique in oral surgery: a case series study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2017, 46, 1490-1496.	1.5	17
34	In Vitro Implant Impression Accuracy Using a New Photopolymerizing <scp>SDR</scp> Splinting Material. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, e721-9.	3.7	16
35	Experimental Analysis of Temperature Differences During Implant Site Preparation: Continuous Drilling Technique Versus Intermittent Drilling Technique. <i>Journal of Oral Implantology</i> , 2018, 44, 46-50.	1.0	16
36	Adipose-Derived Stem Cells as a Tool for Dental Implant Osseointegration: an Experimental Study in the Dog. <i>International Journal of Molecular and Cellular Medicine</i> , 2015, 4, 197-208.	1.1	16

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37	Maxillary sinus bone lid with pedicled bone flap for foreign body removal: the piezoelectric device. British Journal of Oral and Maxillofacial Surgery, 2014, 52, 987-989.	0.8	15
38	Pulsed electromagnetic fields for postoperative pain: a randomized controlled clinical trial in patients undergoing mandibular third molar extraction. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 293-300.	0.4	15
39	A Novel <i>In Vitro</i> Technique for Assessing Dental Implant Osseointegration. Tissue Engineering - Part C: Methods, 2016, 22, 132-141.	2.1	15
40	An Observational Cohort Study on Delayed-Onset Infections after Mandibular Third-Molar Extractions. International Journal of Dentistry, 2017, 2017, 1-5.	1.5	14
41	Rehabilitation With Implants After Bone Lid Surgery in the Posterior Mandible. Journal of Oral and Maxillofacial Surgery, 2015, 73, 1485-1492.	1.2	13
42	Analysis of an anxiolytic technique applied in 1179 patients undergoing oral surgery. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2005, 54, 551-68.	1.3	13
43	Periodontal Injection of Lipopolysaccharide Promotes Arthritis Development in Mice. Inflammation, 2019, 42, 1117-1128.	3.8	12
44	Short implants (6Âmm) installed immediately into extraction sockets: An experimental study in dogs. Clinical Oral Implants Research, 2012, 23, 536-541.	4.5	11
45	Diode laser treatment is effective for plaque-like lichen planus of the tongue: a case report. Lasers in Medical Science, 2012, 27, 521-524.	2.1	11
46	Retrieval of blade implants with piezosurgery: two clinical cases. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2007, 56, 53-61.	1.3	11
47	Exosomes Derived from Dental Pulp Stem Cells Show Different Angiogenic and Osteogenic Properties in Relation to the Age of the Donor. Pharmaceutics, 2022, 14, 908.	4.5	11
48	Healing of buccal dehiscence defects at implants installed immediately into extraction sockets “ an experimental study in dogs. Clinical Oral Implants Research, 2013, 24, 270-277.	4.5	10
49	Non-Washed Resorbable Blasting Media (NWRBM) on Titanium Surfaces could Enhance Osteogenic Properties of MSCs through Increase of miRNA-196a And VCAM1. Stem Cell Reviews and Reports, 2016, 12, 543-552.	5.6	10
50	Evaluation and comparison of histologic changes and implant survival in extraction sites immediately grafted with two different xenografts: A randomized clinical pilot study. Clinical Oral Implants Research, 2020, 31, 825-835.	4.5	9
51	Biofunctionalization of bioactive ceramic scaffolds to increase the cell response for bone regeneration. Biomedical Materials (Bristol), 2021, 16, 055007.	3.3	9
52	Maxillary dentigerous cyst associated with an ectopic third molar in the maxillary sinus: a literature review and report of six consecutive cases. Oral Surgery, 2014, 7, 72-78.	0.2	8
53	Dental care during COVIDâ€19 pandemic: Followâ€up survey of experts' opinion. Clinical Oral Implants Research, 2021, 32, 342-352.	4.5	8
54	A retrospective study on the incidence of medication-related osteonecrosis of the jaws (MRONJ) associated with different preventive dental care modalities. Supportive Care in Cancer, 2022, 30, 1723-1729.	2.2	8

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55	Deproteinized bovine bone mineral particles and osseointegration of implants without primary bone contact: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2014, 25, 296-303.	4.5	7
56	Guided Bone Regeneration in the Treatment of a Lateral Periodontal Cyst: 2-Year Clinical and Radiologic Follow-up. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, 747-754.	1.0	7
57	CT-based dentulous mandibular alveolar ridge measurements as predictors of crown-to-implant ratio for short and extra short dental implants. <i>Scientific Reports</i> , 2020, 10, 16229.	3.3	7
58	Bone plate repositioned over the antrostomy after sinus floor elevation: an experimental study in sheep. <i>International Journal of Implant Dentistry</i> , 2020, 6, 11.	2.7	7
59	Biobanking in dentistry: A review. <i>Japanese Dental Science Review</i> , 2022, 58, 31-40.	5.1	7
60	Comparison by means of bispectral index score, between anxiolysis induced by diazepam and sedation induced by midazolam. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2011, 60, 365-81.	1.3	7
61	Dental implant failure associated with a residual maxillary cyst. <i>British Dental Journal</i> , 2010, 208, 153-154.	0.6	6
62	Canalicular adenoma immunoprofile: a case report. <i>Gerodontology</i> , 2014, 31, 320-324.	2.0	6
63	Endoscopy-assisted removal through combined lower and middle meatotomies of an ectopic upper third molar in the sinus associated with a dentigerous cyst. <i>Oral and Maxillofacial Surgery Cases</i> , 2018, 4, 23-31.	0.4	6
64	Prophylactic protocol for dental care in ligneous gingivitis due to severe plasminogen deficiency: Case report and review of literature. <i>Haemophilia</i> , 2019, 25, 693-698.	2.1	6
65	Sporadic Burkitt Lymphoma Mimicking Osteomyelitis of the Mandible Revealing Clinically Unsuspected HIV Infection. <i>Anticancer Research</i> , 2015, 35, 4837-9.	1.1	6
66	Mandibular Molar Uprighting Using Skeletal Anchorage: A Novel Approach. <i>Journal of Clinical Medicine</i> , 2022, 11, 3565.	2.4	6
67	Assessing the need for computed tomography for lower-third-molar extraction: a survey among 322 dentists. <i>Radiologia Medica</i> , 2012, 117, 112-124.	7.7	5
68	An In Vivo Study in Rat Femurs of Bioactive Silicate Coatings on Titanium Dental Implants. <i>Journal of Clinical Medicine</i> , 2020, 9, 1290.	2.4	5
69	Influence of estroprogestinic therapy on the postoperative course following impacted third molar extraction. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2010, 59, 611-23.	1.3	5
70	Effect on wound healing of a topical gel containing amino acid and sodium hyaluronate applied to the alveolar socket after mandibular third molar extraction: A double-blind randomized controlled trial. <i>Quintessence International</i> , 2018, 49, 831-840.	0.4	5
71	Novel Nanotechnologies for Brain Cancer Therapeutics and Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1899-1912.	1.1	4
72	Bone Temperature Variation Using a 3D-Printed Surgical Guide with Internal Irrigation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2588.	2.5	4

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73	Platform switching on wide-diameter external hex implants: a finite element analysis.. Journal of Clinical and Experimental Dentistry, 2013, 5, e77-82.	1.2	4
74	Validation of visual analogue scale for anxiety (VAS-A) in dentistry. International Journal of Oral and Maxillofacial Surgery, 2011, 40, 1058.	1.5	3
75	Delivery Systems and Role of Growth Factors for Alveolar Bone Regeneration in Dentistry. , 2013, , .		3
76	Healing of human critical-size alveolar bone defects secondary to cyst enucleation: a randomized pilot study with 12 months follow-up. Minerva Dental and Oral Science, 2018, 67, 148-155.	1.0	3
77	Nasopalatine duct cyst as a complication of dental implant placement: a case report. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2013, 62, 235-9.	1.3	3
78	The Bone Lid Technique in Oral and Maxillofacial Surgery: A Scoping Review. Journal of Clinical Medicine, 2022, 11, 3667.	2.4	3
79	Uprighting of the Impacted Second Mandibular Molar with Skeletal Anchorage. , 2012, , .		2
80	A Conservative Approach to a Peripheral Ameloblastoma. Case Reports in Dentistry, 2016, 2016, 1-5.	0.5	2
81	Implantoplasty: Carbide burs vs diamond sonic tips. An in vitro study. Clinical Oral Implants Research, 2021, 32, 324-336.	4.5	2
82	Temperatures generated during implant site preparation with conventional drilling versus single-drill method: an ex-vivo human mandible study. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2020, 68, 277-284.	1.3	2
83	A radiographic-based method for marginal bone loss measurement in dental implants. , 2013, , .		1
84	Diode laser for the treatment of a high flow lip vascular malformation: a case report with four years follow up. Minerva Dental and Oral Science, 2021, , .	1.0	1
85	Hereditary angioedema and anxiety in oral surgery: a case series report. Quintessence International, 2015, 46, 417-22.	0.4	1
86	Stem Cells Commitment on Graphene-Based Scaffolds. Carbon Nanostructures, 2016, , 103-133.	0.1	0
87	OP0172 Lps-induced periodontitis promotes arthritis development in mice. , 2018, , .		0
88	Maxillary sinus augmentation with bovine bone and simultaneous dental implant placement in conditions of severe alveolar atrophy: a retrospective analysis of a consecutively treated case series. Quintessence International, 2011, 42, 851-62.	0.4	0
89	Four atypical cases of misdiagnosed facial cutaneous sinuses of dental origin. Minerva Dental and Oral Science, 2022, 71, 89-95.	1.0	0