Sfondrini Maria Francesca

List of Publications by Citations

74 papers	1,418 citations	23 h-index	34 g-index
76 ext. papers	1,646 ext. citations	2.5 avg, IF	4.31 L-index

#	Paper	IF	Citations
74	Evaluation of friction of stainless steel and esthetic self-ligating brackets in various bracket-archwire combinations. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2003**, 124, 395-402	2.1	128
73	Effect of water and saliva contamination on shear bond strength of brackets bonded with conventional, hydrophilic, and self-etching primers. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2003**, 123, 633-40	2.1	94
72	Effects of conventional and high-intensity light-curing on enamel shear bond strength of composite resin and resin-modified glass-ionomer. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2001**, 119, 30-5	2.1	76
71	The use of spiral computed tomography in the localization of impacted maxillary canines. *Dentomaxillofacial Radiology*, **1997**, 26, 236-41	3.9	63
70	Evaluation of friction of conventional and metal-insert ceramic brackets in various bracket-archwire combinations. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2003**, 124, 403-9	2.1	58
69	Computerized Casts for Orthodontic Purpose Using Powder-Free Intraoral Scanners: Accuracy, Execution Time, and Patient Feedback. *BioMed Research International*, **2018**, 2018, 4103232	3	54
68	Use of a self-etching primer in combination with a resin-modified glass ionomer: effect of water and saliva contamination on shear bond strength. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2003**, 124, 420-6	2.1	33
67	Influence of lingual bracket position on microbial and periodontal parameters in vivo. *Journal of Applied Oral Science*, **2012**, 20, 357-61	3.3	32
66	Chromium release from new stainless steel, recycled and nickel-free orthodontic brackets. *Angle Orthodontist*, **2009**, 79, 361-7	2.6	32
65	Nickel release from new conventional stainless steel, recycled, and nickel-free orthodontic brackets: An in vitro study. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2010**, 137, 809-15	2.1	32
64	Force levels of fiber-reinforced composites and orthodontic stainless steel wires: a 3-point bending test. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2008**, 133, 410-3	2.1	32
63	Flexural strengths of fiber-reinforced composites polymerized with conventional light-curing and additional postcuring. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2007**, 132, 524-7	2.1	30
62	In-vitro fluoride release rates from 9 orthodontic bonding adhesives. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2007**, 132, 656-62	2.1	30
61	Efficacy of Esthetic Retainers: Clinical Comparison between Multistranded Wires and Direct-Bond Glass Fiber-Reinforced Composite Splints. *International Journal of Dentistry*, **2011**, 2011, 548356	1.9	29
60	The effect of bleaching on shear bond strength of brackets bonded with a resin-modified glass ionomer. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2006**, 130, 83-7	2.1	29
59	Failure load and stress analysis of orthodontic miniscrews with different transmucosal collar diameter. *Journal of the Mechanical Behavior of Biomedical Materials*, **2018**, 87, 132-137	4.1	27
58	Effect of blood contamination on shear bond strength of brackets bonded with conventional and self-etching primers. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2004**, 125, 357-60	2.1	27

57	Sella turcica bridging and dental anomalies: is there an association?. *International Journal of Paediatric Dentistry*, **2017**, 27, 568-573	3.1	26
56	A 15-month evaluation of bond failures of orthodontic brackets bonded with direct versus indirect bonding technique: a clinical trial. *Progress in Orthodontics*, **2014**, 15, 70	3.4	25
55	Plasma arc versus halogen light curing of orthodontic brackets: a 12-month clinical study of bond failures. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2004**, 125, 342-7	2.1	25
54	Effect of fluoride application on shear bond strength of brackets bonded with a resin-modified glass-ionomer. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2005**, 127, 580-3; quiz 626	2.1	25
53	A 12 month clinical study of bond failures of recycled versus new stainless steel orthodontic brackets. *European Journal of Orthodontics*, **2004**, 26, 449-54	3.3	24
52	Effects of blood contamination on the shear bond strengths of conventional and hydrophilic primers. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2004**, 126, 207-12	2.1	23
51	Effects of nanofillers on mechanical properties of fiber-reinforced composites polymerized with light-curing and additional postcuring. *Journal of Applied Biomaterials and Functional Materials*, **2015**, 13, e296-9	1.8	22
50	Effect of various adhesive systems on the shear bond strength of fiber-reinforced composite. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2006**, 130, 224-7	2.1	22
49	The influence of no-primer adhesives and anchor pylons bracket bases on shear bond strength of orthodontic brackets. *BioMed Research International*, **2013**, 2013, 315023	3	21
48	Flexural strengths of conventional and nanofilled fiber-reinforced composites: a three-point bending test. *Dental Traumatology*, **2014**, 30, 32-5	4.5	19
47	Plasma arc versus halogen light-curing of adhesive-precoated orthodontic brackets: a 12-month clinical study of bond failures. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2004**, 126, 194-9	2.1	19
46	Shear bond strength of self-ligating brackets. *European Journal of Orthodontics*, **2011**, 33, 71-4	3.3	18
45	Effect of light-tip distance on the shear bond strengths of composite resin. *Angle Orthodontist*, **2005**, 75, 386-91	2.6	18
44	Disinclusion of unerupted teeth by mean of self-ligating brackets: effect of blood contamination on shear bond strength. *Medicina Oral, Patologia Oral Y Cirugia Bucal*, **2013**, 18, e162-7	2.6	17
43	Effect of blood contamination on shear bond strength of brackets bonded with a self-etching primer combined with a resin-modified glass ionomer. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2004**, 126, 703-8	2.1	17
42	Fear of the Relapse: Effect of Composite Type on Adhesion Efficacy of Upper and Lower Orthodontic Fixed Retainers: In Vitro Investigation and Randomized Clinical Trial. *Polymers*, **2020**, 12,	4.5	16
41	Effect of blood contamination on shear bond strength of orthodontic brackets and disinclusion buttons. *British Journal of Oral and Maxillofacial Surgery*, **2011**, 49, 404-8	1.4	16
40	Effect of light-tip distance on the shear bond strengths of resin-modified glass ionomer cured with high-intensity halogen, light-emitting diode, and plasma arc lights. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2006**, 129, 541-6	2.1	15

39	Shear bond strength of fibre-reinforced composite nets using two different adhesive systems. *European Journal of Orthodontics*, **2011**, 33, 66-70	3.3	13
38	Reconditioning of self-ligating brackets. *Angle Orthodontist*, **2012**, 82, 158-64	2.6	13
37	Effect of Long-Term Brushing on Deflection, Maximum Load, and Wear of Stainless Steel Wires and Conventional and Spot Bonded Fiber-Reinforced Composites. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	13
36	Buccolingual Inclination Control of Upper Central Incisors of Aligners: A Comparison with Conventional and Self-Ligating Brackets. *BioMed Research International*, **2018**, 2018, 9341821	3	13
35	Reliability of Orthodontic Miniscrews: Bending and Maximum Load of Different Ti-6Al-4V Titanium and Stainless Steel Temporary Anchorage Devices (TADs). *Materials*, **2018**, 11,	3.5	12
34	Epidemiological survey of different clinical techniques of orthodontic bracket debonding and enamel polishing. *Journal of Orthodontic Science*, **2015**, 4, 123-7	1.2	12
33	Shear bond strength of deciduous and permanent bovine enamel. *Journal of Adhesive Dentistry*, **2011**, 13, 227-30	3	11
32	The Effect of Chairside Verbal Instructions Matched with Instagram Social Media on Oral Hygiene of Young Orthodontic Patients: A Randomized Clinical Trial. *Applied Sciences (Switzerland)*, **2021**, 11, 706	2.6	11
31	Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. *BioMed Research International*, **2017**, 2017, 8469090	3	10
30	Influence of Dental Composite Viscosity in Attachment Reproduction: An Experimental in Vitro Study. *Materials*, **2019**, 12,	3.5	10
29	Photobiomodulation and Pain Reduction in Patients Requiring Orthodontic Band Application: Randomized Clinical Trial. *BioMed Research International*, **2020**, 2020, 7460938	3	8
28	Effect of chlorhexidine application on shear bond strength of brackets bonded with a resin-modified glass ionomer. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2006**, 129, 273-6	2.1	8
27	Effect of different light sources and guides on shear bond strength of brackets bonded with 2 adhesive systems. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2005**, 128, 99-102	2.1	8
26	Dental Hygiene and Orthodontics: Effect of Ultrasonic Instrumentation on Bonding Efficacy of Different Lingual Orthodontic Brackets. *BioMed Research International*, **2017**, 2017, 3714651	3	7
25	Shear bond strength of orthodontic brackets and disinclusion buttons: effect of water and saliva contamination. *BioMed Research International*, **2013**, 2013, 180137	3	7
24	Polymerization with a micro-xenon light of a resin-modified glass ionomer: a shear bond strength study 15 minutes after bonding. *European Journal of Orthodontics*, **2002**, 24, 689-97	3.3	7
23	Diode Laser-Assisted Surgical Therapy for Early Treatment of Oral Mucocele in a Newborn Patient: Case Report and Procedures Checklist. *Case Reports in Dentistry*, **2018**, 2018, 3048429	0.6	7
22	Glass Fiber Reinforced Composite Orthodontic Retainer: In Vitro Effect of Tooth Brushing on the Surface Wear and Mechanical Properties. *Materials*, **2020**, 13,	3.5	6

21	Travel beyond Clinical Uses of Fiber Reinforced Composites (FRCs) in Dentistry: A Review of Past Employments, Present Applications, and Future Perspectives. *BioMed Research International*, **2018**, 2018, 1498901	3	6
20	Orthodontic retainers **2017**, 187-202		5
19	Orthodontic Metallic Lingual Brackets: The Dark Side of the Moon of Bond Failures?. *Journal of Functional Biomaterials*, **2017**, 8,	4.8	5
18	Opening and closure forces of sliding mechanisms of different self-ligating brackets. *Journal of Applied Oral Science*, **2013**, 21, 231-4	3.3	5
17	Properties of CAD/CAM 3D Printing Dental Materials and Their Clinical Applications in Orthodontics: Where Are We Now?. *Applied Sciences (Switzerland)*, **2022**, 12, 551	2.6	5
16	Magnetic Resonance Imaging and Its Effects on Metallic Brackets and Wires: Does It Alter the Temperature and Bonding Efficacy of Orthodontic Devices?. *Materials*, **2019**, 12,	3.5	5
15	Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	4
14	Effetti di un nuovo preparato farmaceutico sulla guarigione di lesioni aftosiche in pazienti di et pediatrica. *Dental Cadmos*, **2012**, 80, 334-339	2.3	4
13	Universal Adhesive for Fixed Retainer Bonding: In Vitro Evaluation and Randomized Clinical Trial. *Materials*, **2021**, 14,	3.5	4
12	In vitro bond strength evaluation of four orthodontic cements. *Journal of Adhesive Dentistry*, **2010**, 12, 131-5	3	3
11	Microbiological Changes during Orthodontic Aligner Therapy: A Prospective Clinical Trial. *Applied Sciences (Switzerland)*, **2021**, 11, 6758	2.6	3
10	Digital Workflow for Indirect Bonding with 2D Lingual Brackets: A Case Report and Procedure Description. *Case Reports in Dentistry*, **2019**, 2019, 6936049	0.6	2
9	Reliability of skeletal maturity analysis using the cervical vertebrae maturation method on dedicated software. *International Orthodontics*, **2014**, 12, 483-93	0.9	2
8	Finishing effectiveness of different archwires using SmartClip self-ligating brackets: a clinical study. *International Orthodontics*, **2014**, 12, 125-38	0.9	2
7	Rabbit Bone Behavior after Orthodontic and Pulsed Low-Frequency Electromagnetic Field Treatments. *Electromagnetic Biology and Medicine*, **1998**, 17, 87-98		2
6	Effect of Enamel Pretreatment with Pastes Presenting Different Relative Dentin Abrasivity (RDA) Values on Orthodontic Bracket Bonding Efficacy of Microfilled Composite Resin: In Vitro Investigation and Randomized Clinical Trial.. *Materials*, **2022**, 15,	3.5	2
5	Orthodontic Treatment and Healthcare Goals: Evaluation of Multibrackets Treatment Results Using PAR Index (Peer Assessment Rating). *Healthcare (Switzerland)*, **2020**, 8,	3.4	2
4	Effect of water contamination on the shear bond strength of self-ligating brackets. *Oral Science International*, **2013**, 10, 49-52	0.5	1

3	Effects of fluorosed enamel on orthodontic bracket bonding : An in vitro study. *Journal of Orofacial Orthopedics*, **2021**, 1	2.9	1
2	Skeletal Divergence and Condylar Asymmetry in Patients with Temporomandibular Disorders (TMD): A Retrospective Study. *BioMed Research International*, **2021**, 2021, 8042910	3	0
1	Bone Modifications Induced by Rapid Maxillary Expander: A Three-Dimensional Cephalometric Pilot Study Comparing Two Different Cephalometric Software Programs. *Applied Sciences (Switzerland)*, **2022**, 12, 4313	2.6	0