

## Curriculum Vitae - English

1. Professional data/activity			
Full name	Date of birth	Country	
Salvatore Sauro	22/12/1977	Italy	
E-mail			
salvatore.sauro@uch.ceu.es			
Institution		Present position	
Universidad CEU Cardenal Herrera en Valencia		Professor	
Department			Start date (month/year)
Dental Biomaterials and Minimally Invasive Dentistry			08/2013
Office address			P.O. box
C/ Luis Vives, 1. Alfara del Patriarca			
City	State/Province	Country	Zip code
Valencia	Valencia	Spain	46115
Phone number	Extension	Fax number	
(+39)3921994575		(+36) 961 36 90 00	
2. Academic background			
<b>Degree</b>	Field of knowledge		Start / End date
	Ph.D in Pre-clinical Dentistry/Dental materials research		06-2006/08-2009
	Institution	city	Country
	King's College London	London	UK
<b>Degree</b>	Field of knowledge		Start / End date
	DDH, Degree in Dental Hygiene and Oral Science		05-1999/03-2004
	Institution	city	Country
	University of Bologna	Bologna	ITALY
<b>Degree</b>	Field of knowledge		Start / End date
	Diploma in Dental Technician		07-1992/07-1997
	Institution	city	Country
	Institute of Industry and Craftsmanship of San Benedetto del Tronto	San Benedetto del Tronto	ITALY
3. Research interests			

<p>Field of Study</p> <p>I am currently Professor in Dental Biomaterials and Minimally Invasive Dentistry at the CEU - Catholic University of Valencia and Research Associate (RA) at King's College London Dental Institute (KCLDI) Biomaterials, Biomimetics and Biophotonics Research Group. With approximately 15 years of experience in dental adhesion, preventive and biomaterials research I have published more than 50 scientific articles in international peer-review journals (see publication list), 1 international patent and 1 Brazilian patent.</p> <p>Most of these publications are the result a long-standing international collaborations with members of excellent centres of research and/or dental-medical universities, such as: David Pashley and Franklin Tay (Medical College of Georgia, Augusta, USA); Manuel Toledano (University of Granada, Spain); Ricardo M Carvalho (University of British Columbia, Vancouver, Canada), Tao Jianga and Yining Wang (Wuhan University, China); Lorenzo Breschi (University of Trieste, Italy) and many other all around the world.</p> <p>My scientific career began when Prof Tim Watson (Head of the Department of Dental Biomaterials – KCLDI) invited me to undertake a PhD programme in pre-clinical dental research. I performed part of the experimental project on the subject of my PhD thesis "Micropermeability and durability of resins bonded to dentine" in the USA with Prof David Pashley and in Spain with Prof Manuel Toledano; this thesis was published in</p>	<p>CNPq use</p>
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<p>Subsequently, I was employed as a research associate on an 'i4i' Department of Health grant at KCLDI and as an external research associate at the Department of Dental Biomaterials, Granada, Spain.</p> <p>The main scientific activities forming the basis of my research:</p> <p>(i) Development and assessment of innovative bioactive/biomimetic restorative materials which may contribute to the remineralisation and recover the biomechanical properties of mineral-depleted dental structures between restorative materials and dental hard tissues (i.e. hybrid bonding interfaces; caries-affected dentine);</p> <p>(ii) Development and assessment of innovative "smart" bonding procedures which may enhance the longevity of restorative dental biomaterials applied on dental hard tissues.</p>	
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<p><b>4. Current position</b></p>	
<p><b>Managerial and/or administrative activity</b></p>	<p>Organization and management of PhD and Master projects for post-graduate students</p>
<p><b>Research and Development</b></p>	<p>Development and assessment of innovative bioactive/biomimetic restorative materials remineralisation of mineral-depleted caries-affected and hybrid bonding interfaces</p>
<p><b>Technical service/specialization Others</b></p>	<p>Optical-confocal and Electron Microscopy; Dental material specimen Preparation; Statistical analysis; Immunohistochemistry; AFM/nanoindentation</p>

**5. Work experience**

5.1. Institution	Position	Activities	Local	Start - End date
King's College London Dental Institute	Research Associate	Development and assessment of innovative bioactive/biomimetic restorative materials	London, UK	2010-2013
School of Dentistry University of Granada	Visiting Research Associate	Development and assessment of novel light-curable materials containing experimental bioactive micro-fillers remineralise mineral-depleted bonded-dentine interfaces	Granada, Spain	2010-2013
OSspray Ltd., London England, UK.	Research Technician	Development and assessment of the therapeutic effects of bioactive glass on dentine hypersensitivity	London, UK	2007-2009
School of Dentistry and Dental Hygiene University of Bologna	Professor Contract	Oral science and Dental Hygiene	Bologna, Italy	2005-2006

**6. Scientific, technological and artistic production (See enclosed files)**



## Further Documentations – List of Publications

### **-WRITTEN COMMUNICATION SKILLS –**

#### **- Journal Papers: Refereed-**

1. **Title: Polycarboxylated microfillers incorporated into light-curable resin-based dental adhesives evoke remineralization at the mineral-depleted dentin.** Authors: Wang Z, Shen Y, Haapasalo M, Wang J, Jiang T, Wang Y, Watson TF, SAURO SALVATORE. (In Press). JOURNAL OF BIOMATERIALS SCIENCE POLYMER EDITION, ISSN: 0920-5063, doi: 10.1080/09205063.2014.891926
2. **Title: Load cycling enhances bioactivity at the resin-dentin interface.** Authors: Toledano M, Aguilera FS, SAURO SALVATORE., Cabello I, Osorio E, Osorio, R. (In Press). DENTAL MATERIALS, ISSN: 0109-5641, doi: 10.1016/j.dental.2014.02.009
3. **Title: The role of spacer carbon chain in acidic functional monomers on the physicochemical properties of self-etch dental adhesives.** Authors: Feitosa VP, SAURO SALVATORE., Ogliari FA, Stansbury JW, Carpenter GH, Watson TF, Sinhoretí MA, Correr AB (In Press). JOURNAL OF DENTISTRY, doi: 10.1016/j.jdent.2014.02.009
4. **Title: Can the hydrophilicity of functional monomers affect chemical interaction?** Authors: Feitosa VP, Ogliari FA, Van Meerbeek B, Watson TF, Yoshihara K, Ogliari AO, Sinhoretí MA, Correr AB, Cama G, SAURO SALVATORE. (2014). JOURNAL OF DENTAL RESEARCH, doi: 10.1177/0022034513514587
5. **Title: Chemical interaction of 10-MDP (methacryloyloxi-decyl-dihydrogen-phosphate) in zinc-doped self-etch adhesives.** Authors: Feitosa VP, Pomacóndor-Hernández C, Ogliari FA, Leal F, Correr AB, SAURO SALVATORE. (2014). JOURNAL OF DENTISTRY, doi: 10.1016/j.jdent.2014.01.003.
6. **Title: Magnesium phosphate cements for endodontic applications with improved long-term sealing ability.** Author(s): Mestres G, Aguilera FS, Manzanares N, SAURO SALVATORE., Osorio R, Toledano M, Ginebra MP (2014). INTERNATIONAL ENDODONTIC JOURNAL, vol. 47; p. 127-139,
7. **Title: Dicalcium phosphate (CaHPO<sub>4</sub>•2H<sub>2</sub>O) precipitation through ortho- or meta-phosphoric acid-etching: effects on the durability and nanoleakage/ultra-morphology of resin-dentine interfaces** Author(s): Feitosa VP, Bazzocchi MG, Putignano A; Orsini G, Luzzi Luzzi A, Sinhoretí MAC, Watson TF, Salvatore, Sauro. Source: *Journal of Dentistry* [IN PRESS] DOI: 10.1016/j.dental.2013.08.014
9. **Title: A Zn-doped etch-and-rinse adhesive may improve the mechanical properties and the integrity at the bonded-dentin interface**  
Author(s): Toledano M, Sauro Salvatore, Cabello I, et al.  
Source: *Dental materials* Volume: 29 Issue: 8 Pages: e142-52 Published: 2013-Aug  
DOI: 10.1016/j.dental.2013.04.024
11. **Title: Experimental etch-and-rinse adhesives doped with bioactive calcium silicate-based micro-fillers to generate therapeutic resin-dentin interfaces**  
Author(s): Profeta AC, Mannocci F, Foxton R, Salvatore Sauro.  
Source: *Dental Materials* Volume: 29 Issue: 7 Pages: 729-741 Published: JUL 2013  
Times Cited: 0  
DOI: 10.1016/j.dental.2013.04.001
13. **Title: Novel light-curable materials containing experimental bioactive micro-fillers remineralise mineral-depleted bonded-dentine interfaces**

- Author(s): Sauro Salvatore, Osorio R, Osorio E, et al.  
Source: *Journal of Biomaterials Science-Polymer Edition* Volume: 24 Issue: 8 Pages: 940-956 Published: JUN 1 2013  
Times Cited: 0  
DOI: 10.1080/09205063.2012.727377
15. **Title: Remineralisation properties of innovative light-curable resin-based dental materials containing bioactive micro-fillers**  
Author(s): Sauro Salvatore, Osorio R, Fulgencio R, et al.  
Source: *Journal of Materials Chemistry B* Volume: 1 Issue: 20 Pages: 2624-2638 Published: 2013  
Times Cited: 0  
DOI: 10.1039/c3tb00205e
17. **Title: Assessment of the quality of resin-dentin bonded interfaces: An AFM nano-indentation,  $\mu$ TBS and confocal ultramorphology study**  
Author(s): Sauro Salvatore, Osorio R, Watson TF, et al.  
Source: *Dental Materials* Volume: 28 Issue: 6 Pages: 622-631 Published: JUN 2012  
Times Cited: 2  
DOI: 10.1016/j.dental.2012.02.005
19. **Title: Bioactive effects of a calcium/sodium phosphosilicate on the resin-dentine interface: a microtensile bond strength, scanning electron microscopy, and confocal microscopy study**  
Author(s): Profeta CA, Mannocci F, Foxton RM, Salvatore, Sauro.  
Source: *European Journal of Oral Sciences* Volume: 120 Issue: 4 Pages: 353-362 Published: AUG 2012  
Times Cited: 3  
DOI: 10.1111/j.1600-0722.2012.00974.x
21. **Title: Development and assessment of experimental dental polymers with enhanced polymerisation, crosslink density and resistance to fluid permeability based on ethoxylated-Bisphenol-A-dimethacrylates and 2-Hydroxyethyl methacrylate**  
Author(s): Sauro Salvatore, Vijay S, Deb S.  
Source: *European Polymer Journal* Volume: 48 Issue: 8 Pages: 1466-1474 Published: AUG 2012  
Times Cited: 2  
DOI: 10.1016/j.eurpolymj.2012.05.013
23. **Title: Effects of different photo-polymerization protocols on resin-dentine  $\mu$  TBS, mechanical properties and cross-link density of a nano-filled resin composite**  
Author(s): Feitosa VP, Piovezan Fugolin AP, Correr AB, Salvatore Sauro.  
Source: *Journal of Dentistry* Volume: 40 Issue: 10 Pages: 802-809 Published: OCT 2012  
Times Cited: 2  
DOI: 10.1016/j.jdent.2012.05.014
25. **Title: Effects of MMP Inhibitors Incorporated within Dental Adhesives**  
Author(s): Almahdy A, Koller G, Sauro Salvatore, et al.  
Source: *Journal of Dental Research* Volume: 91 Issue: 6 Pages: 605-611 Published: JUN 2012  
Times Cited: 3  
DOI: 10.1177/0022034512446339
27. **Title: Evaluation of the micro-mechanical strength of resin bonded-dentin interfaces submitted to short-term degradation strategies**  
Author(s): Feitosa VP, Sauro Salvatore, Watson TF, et al.  
Source: *Journal of the Mechanical Behavior of Biomedical Materials* Volume: 15 Pages: 112-120 Published: NOV 2012  
DOI: 10.1016/j.jmbbm.2012.06.010

29. **Title: Experimental Resin Cements Containing Bioactive Fillers Reduce Matrix Metalloproteinase-mediated Dentin Collagen Degradation**  
Author(s): Osorio R, Yamauti M, Sauro Salvatore, et al.  
Source: *Journal of Endodontics* Volume: 38 Issue: 9 Pages: 1227-1232 Published: SEP 2012  
Times Cited: 2  
DOI: 10.1016/j.joen.2012.05.011
31. **Title: Hydration kinetics of cements by Time-Domain Nuclear Magnetic Resonance: Application to Portland-cement-derived endodontic pastes**  
Author(s): Bortolotti V, Fantazzini P, Mongiorgi R, Sauro Salvatore, et al.  
Source: *Cement and Concrete Research* Volume: 42 Issue: 3 Pages: 577-582 Published: MAR 2012  
DOI: 10.1016/j.cemconres.2011.12.006
33. **Title: Hydrolytic degradation of the resin-dentine interface induced by the simulated pulpal pressure, direct and indirect water ageing**  
Author(s): Feitosa Victor P, Leme AA, Sauro Salvatore, et al.  
Source: *Journal of Dentistry* Volume: 40 Issue: 12 Pages: 1134-1143 Published: DEC 2012  
DOI: 10.1016/j.jdent.2012.09.011
35. **Title: Influence of air-abrasion executed with polyacrylic acid-Bioglass 45S5 on the bonding performance of a resin-modified glass ionomer cement**  
Author(s): Sauro Salvatore, Watson TF, Thompson I, et al.  
Source: *European Journal of Oral Sciences* Volume: 120 Issue: 2 Pages: 168-177 Published: APR 2012  
Times Cited: 5  
DOI: 10.1111/j.1600-0722.2012.00939.x
37. **Title: Microbiochemical Analysis of Carious Dentine Using Raman and Fluorescence Spectroscopy**  
Author(s): Almahdy A, Downey FC, Sauro Salvatore, et al.  
Source: *Caries Research* Volume: 46 Issue: 5 Pages: 432-440 Published: 2012  
DOI: 10.1159/000339487
39. **Title: Nerve-targeted desensitizing toothpastes occlude dentin tubules and induce mineral precipitation**  
Author(s): Wang Z, Jiang T, Sauro Salvatore, et al.  
Source: *American Journal of Dentistry* Volume: 25 Issue: 1 Pages: 26-30 Published: FEB 2012
41. **Title: One-bottle self-etching adhesives applied to dentine air-abraded using bioactive glasses containing polyacrylic acid: An in vitro microtensile bond strength and confocal microscopy study**  
Author(s): Salvatore Sauro, Watson TF, Thompson I, et al.  
Source: *Journal of Dentistry* Volume: 40 Issue: 11 Pages: 896-905 Published: NOV 2012  
DOI: 10.1016/j.jdent.2012.07.004
43. **Title: Therapeutic effects of novel resin bonding systems containing bioactive glasses on mineral-depleted areas within the bonded-dentine interface**  
Author(s): Salvatore Sauro, Osorio R, Watson TF, et al.  
Source: *Journal of Materials Science-Materials in Medicine* Volume: 23 Issue: 6 Pages: 1521-1532 Published: JUN 2012  
Times Cited: 4  
DOI: 10.1007/s10856-012-4606-6
45. **Title: Comparison between water and ethanol wet bonding of resin composite to root canal dentin**  
Author(s): Salvatore Sauro, Di Renzo S, Castagnola R, et al.  
Source: *American Journal of Dentistry* Volume: 24 Issue: 1 Pages: 25-30 Published: FEB 2011

Times Cited: 1

47. **Title: Dentine remineralization induced by two bioactive glasses developed for air abrasion purposes**  
Author(s): Wang Z, Jiang T, Salvatore Sauro, et al.  
Source: *Journal of Dentistry* Volume: 39 Issue: 11 Pages: 746-756 Published: NOV 2011  
Times Cited: 5  
DOI: 10.1016/j.jdent.2011.08.006
49. **Title: Effects of Common Dental Materials Used in Preventive or Operative Dentistry on Dentin Permeability and Remineralization**  
Author(s): Salvatore Sauro, Thompson I, Watson TF.  
Source: *Operative Dentistry* Volume: 36 Issue: 2 Pages: 222-230 Published: MAR-APR 2011  
Times Cited: 5  
DOI: 10.2341/10-225-L
51. **Title: Porosity, Micro-Hardness and Morphology of White and Gray Portland Cements in Relation to Their Potential in the Development of New Dental Filling Materials**  
Author(s): De Carlo Boris, Salvatore Sauro, Deb S, et al.  
Source: *Journal of Adhesion Science and Technology* Volume: 26 Issue: 1-3 Pages: 19-26  
Published: 2011  
DOI: 10.1163/016942411X559058
53. **Title: Resin-dentin bonds to EDTA-treated vs. acid-etched dentin using ethanol wet-bonding. Part II: Effects of mechanical cycling load on microtensile bond strengths**  
Author(s): Salvatore Sauro, Toledano M, Sanchez AF, et al.  
Source: *Dental Materials* Volume: 27 Issue: 6 Pages: 563-572 Published: JUN 2011  
Times Cited: 4  
DOI: 10.1016/j.dental.2011.02.010
55. **Title: The dentine remineralization activity of a desensitizing bioactive glass-containing toothpaste: an in vitro study**  
Author(s): Wang Z, Jiang T, Salvatore Sauro, et al.  
Source: *Australian Dental Journal* Volume: 56 Issue: 4 Pages: 372-381 Published: DEC 2011  
Times Cited: 4  
DOI: 10.1111/j.1834-7819.2011.01361.x
57. **Title: Ultramorphology and dentine permeability changes induced by prophylactic procedures on exposed dentinal tubules in middle dentine**  
Author(s): Salvatore Sauro, Watson TF, Thompson I.  
Source: *Medicina Oral Patologia Oral Y Cirugia Bucal* Volume: 16 Issue: 7 Pages: C1022-C1030 Published: NOV 2011  
DOI: 10.4317/medoral.17397
59. **Title: Ultramorphology of the root surface subsequent to hand-ultrasonic simultaneous instrumentation during non-surgical periodontal treatments. An in vitro study**  
Author(s): Aspriello SD, Piemontese M, Levrini L, Salvatore Sauro.  
Source: *Journal of Applied Oral Science* Volume: 19 Issue: 1 Pages: 74-81 Published: JAN-FEB 2011  
Times Cited: 2  
DOI: 10.1590/S1678-77572011000100015
61. **Title: Dentine desensitization induced by prophylactic and air-polishing procedures: An in vitro dentine permeability and confocal microscopy study**  
Author(s): Sauro Salvatore, Watson TF, Thompson I.  
Source: *Journal of Dentistry* Volume: 38 Issue: 5 Pages: 411-422 Published: MAY 2010  
Times Cited: 12  
DOI: 10.1016/j.jdent.2010.01.010
63. **Title: Effect of desensitising toothpastes on dentinal tubule occlusion: A dentine**



**permeability measurement and SEM in vitro study**

Author(s): Wang Z, Sa Y, Sauro Salvatore, et al.

Source: *Journal of Dentistry* Volume: 38 Issue: 5 Pages: 400-410 Published: MAY 2010

Times Cited: 14

DOI: 10.1016/j.jdent.2010.01.007

65. **Title: Resin-dentin bonds to EDTA-treated vs. acid-etched dentin using ethanol wet-bonding**

Author(s): Sauro Salvatore, Toledano M, Sanchez AF, et al.

Source: *Dental Materials* Volume: 26 Issue: 4 Pages: 368-379 Published: APR 2010

Times Cited: 8

DOI: 10.1016/j.dental.2009.12.008

67. **Title: Deproteinization Effects of NaOCl on Acid-etched Dentin in Clinically-relevant vs Prolonged Periods of Application. A Confocal and Environmental Scanning Electron Microscopy Study**

Author(s): Sauro Salvatore, Mannocci F, Tay FR, et al.

Source: *Operative Dentistry* Volume: 34 Issue: 2 Pages: 166-173 Published: MAR-APR 2009

Times Cited: 4

DOI: 10.2341/08-56

69. **Title: EDTA or H3PO4/NaOCl dentine treatments may increase hybrid layers' resistance to degradation: A microtensile bond strength and confocal-micropermeability study**

Author(s): Sauro Salvatore, Mannocci F, Toledano M, et al.

Source: *Journal of Dentistry* Volume: 37 Issue: 4 Pages: 279-288 Published: APR 2009

Times Cited: 15

DOI: 10.1016/j.jdent.2008.12.002

71. **Title: Influence of the hydrostatic pulpal pressure on droplets formation in current etch-and-rinse and self-etch adhesives: A video rate/TSM microscopy and fluid filtration study**

Author(s): Sauro Salvatore, Mannocci F, Toledano M, et al.

Source: *Dental Materials* Volume: 25 Issue: 11 Pages: 1392-1402 Published: NOV 2009

Times Cited: 12

DOI: 10.1016/j.dental.2009.06.010

73. **Title: Micro-computed tomography of tooth tissue volume changes following endodontic procedures and post space preparation**

Author(s): Ikram OH, Patel S, Sauro Salvatore, et al.

Source: *International Endodontic Journal* Volume: 42 Issue: 12 Pages: 1071-1076 Published: DEC 2009

Times Cited: 7

DOI: 10.1111/j.1365-2591.2009.01632.x

75. **Title: Prevention of Water Contamination of Ethanol-saturated Dentin and Hydrophobic Hybrid Layers**

Author(s): Sauro Salvatore, Watson TF, Mannocci F, et al.

Source: *Journal of Adhesive Dentistry* Volume: 11 Issue: 4 Pages: 271-278 Published: AUG 2009

Times Cited: 9

77. **Title: Two-Photon Laser Confocal Microscopy of Micropermeability of Resin-Dentin Bonds Made With Water or Ethanol Wet Bonding**

Author(s): Sauro Salvatore, Watson TF, Mannocci F, et al.

Source: *Journal of Biomedical Materials Research Part B-Applied Biomaterials* Volume: 90B Issue: 1 Pages: 327-337 Published: JUL 2009

Times Cited: 17

DOI: 10.1002/jbm.b.31290

79. **Title: In situ enamel morphology evaluation after acidic soft drink consumption: protection factor of contemporary toothpaste.**  
Author(s): Sauro Salvatore, Mannocci F, Piemontese M, et al.  
Source: *International journal of dental hygiene* Volume: 6 Issue: 3 Pages: 188-92 Published: 2008-Aug  
DOI: 10.1111/j.1601-5037.2008.00313.x
81. **Title: Micropermeability of current self-etching and etch-and-rinse adhesives bonded to deep dentine: a comparison study using a double-staining/confocal microscopy technique**  
Author(s): Sauro Salvatore, Pashley DH, Mannocci, F, et al.  
82. Source: *European Journal of Oral Sciences* Volume: 116 Issue: 2 Pages: 184-193 Published: APR 2008  
Times Cited: 32  
DOI: 10.1111/j.1600-0722.2007.00518.x
84. **Title: Microtensile bond strength of resin-post interfaces created with interpenetrating polymer network posts or cross-linked posts**  
Author(s): Mannocci F, Machmouridou E, Watson TF, Salvatore, Sauro; et al.  
Source: *Medicina Oral Patologia Oral Y Cirugia Bucal* Volume: 13 Issue: 11 Pages: E745-E752 Published: NOV 2008  
Times Cited: 5
86. **Title: Optical imaging techniques for dental biomaterials interfaces**  
Author(s): Watson TF, Cook RJ, Festy F, Sauro Salvatore.  
Source: *Dental Biomaterials: Imaging, Testing and Modelling* Pages: 37-57 Published: 2008  
Times Cited: 2  
DOI: 10.1533/9781845694241.37
88. **Title: Effect of simulated pulpal pressure on dentin permeability and adhesion of self-etch adhesives**  
Author(s): Sauro Salvatore, Pashley David H, Montanari Marco, et al.  
Source: *Dental Materials* Volume: 23 Issue: 6 Pages: 705-713 Published: JUN 2007  
Times Cited: 55  
DOI: 10.1016/j.dental.2006.06.010
90. **Title: New tetrasilicate cements as retrograde filling material: An in vitro study on fluid penetration**  
Author(s): Gandolfi, Maria G, Sauro Salvatore, Mannocci Francesco, et al.  
Source: *Journal of Endodontics* Volume: 33 Issue: 6 Pages: 742-745 Published: JUN 2007  
Times Cited: 14  
DOI: 10.1016/j.joen.2007.02.008
92. **Title: Polymerization kinetics of dental adhesives cured with LED: Correlation between extent of conversion and permeability**  
Author(s): Breschi L, Cadenaro M, Antonioli F, Sauro Salvatore, et al.  
Source: *Dental Materials* Volume: 23 Issue: 9 Pages: 1066-1072 Published: SEP 2007  
Times Cited: 28  
DOI: 10.1016/j.dental.2006.06.040
94. **Title: The influence of soft acidic drinks in exposing dentinal tubules after non-surgical periodontal treatment: a SEM investigation on the protective effects of oxalate-containing phytocomplex**  
Author(s): Sauro Salvatore, Mannocci F, Watson TF, et al.  
Source: *Medicina oral, patologia oral y cirugia bucal* Volume: 12 Issue: 7 Pages: E542-8  
Published: 2007-Dec
96. **Title: Effect of resin hydrophilicity and temperature on water sorption of dental adhesive resins**  
Author(s): Yiu CKY, King NM, Carrilho MRO, Sauro Salvatore, et al.

Source: *Biomaterials* Volume: 27 Issue: 9 Pages: 1695-1703 Published: MAR 2006  
Times Cited: 53

DOI: 10.1016/j.biomaterials.2005.09.037

98. **Title: Oxalate-containing phytocomplexes as dentine desensitisers: An in vitro study**

Author(s): Sauro Salvatore, Gandolfi MG, Prati C, Mongiorgi R.

Source: *Archives of Oral Biology* Volume: 51 Issue: 8 Pages: 655-664 Published: AUG 2006

Times Cited: 8

DOI: 10.1016/j.archoralbio.2006.02.010

100. **Title: Water uptake of bonding systems applied on root dentin surfaces: A SEM and confocal microscopic study**

Author(s): Sauro Salvatore; Watson TF, Tay FR, et al.

Source: *Dental Materials* Volume: 22 Issue: 7 Pages: 671-680 Published: JUL 2006

Times Cited: 13

DOI: 10.1016/j.dental.2005.08.006

102. **Title: Degree of conversion and permeability of dental adhesives**

Author(s): Cadenaro M, Antonioli F, Sauro Salvatore, et al.

Source: *European Journal of Oral Sciences* Volume: 113 Issue: 6 Pages: 525-530 Published: DEC 2005

Times Cited: 100

DOI: 10.1111/j.1600-0722.2005.00251.x

**PATENT: Use of composition comprising Portland cement and phyllosilicate, and/or modified hexacalcium aluminate trisulfate hydrate product, as an additive in a dental adhesive for improving characteristics of a dental adhesive system**

Patent Number(s): WO2013057519-A1

Patent Assignee: UNIV BOLOGNA ALMA MATER STUDIORUM/KING'S COLLEGE LONDON

Inventor(s): SAURO SALVATORE; MONGIORGI R; VALDRE G; DE CARLO B; et al.