



**Publications 2016**

Nr	Paper
1	Arnold S, Koletsi D, Patcas R, Eliades T. The effect of bracket ligation on the periodontal status of adolescents undergoing orthodontic treatment. A systematic review and meta-analysis. <i>Journal of dentistry</i> . 2016;54:13-24.
2	Buck LM, Dalci O, Darendeliler MA, Papageorgiou SN, Papadopoulou AK. Volumetric upper airway changes after rapid maxillary expansion: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.
3	DiBiase AT, Woodhouse NR, Papageorgiou SN, Johnson N, Slipper C, Grant J, et al. Effect of supplemental vibrational force on orthodontically induced inflammatory root resorption: A multicenter randomized clinical trial. <i>Am J Orthod Dentofac Orthop</i> 2016;150(6):918-27.
4	Gerard Bradley T, Teske L, Eliades G, Zinelis S, Eliades T. Do the mechanical and chemical properties of Invisalign <sup>TM</sup> appliances change after use? A retrieval analysis. <i>Eur J Orthod</i> 2016;38(1):27-31.
5	Goetz W, Papageorgiou SN. Molecular, cellular and pharmaceutical aspects of synthetic hydroxyapatite bone substitutes for oral and maxillofacial grafting. <i>Current pharmaceutical biotechnology</i> . 2016.
6	Golz L, Knickenberg AC, Keilig L, Reimann S, Papageorgiou SN, Jager A, et al. Nickel ion concentrations in the saliva of patients treated with self-ligating fixed appliances: a prospective cohort study. <i>J Orofac Orthop</i> 2016;77(2):85-93.
7	Gugger J, Pandis N, Zinelis S, Patcas R, Eliades G, Eliades T. Retrieval analysis of lingual fixed retainer adhesives. <i>Am J Orthod Dentofac Orthop</i> 2016;150(4):575-84.
8	Hochli D, Hersberger-Zurfluh M, Papageorgiou SN, Eliades T. Interventions for orthodontically induced white spot lesions: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.
9	Koletsi D, Eliades T, Zinelis S, Bourauel C, Eliades G. Disease and functional loading effect on the structural conformation and mechanical properties of the mandibular condyle in a transgenic rheumatoid arthritis murine model: an experimental study. <i>Eur J Orthod</i> 2016;38(6):615-20.
10	Koletsi D, Eliades T, Zinelis S, Makou M, Bourauel C, Eliades G. The effect of rheumatoid arthritis and functional loading on the structure of the mandibular condyle in a transgenic mouse model: An FTIR study. <i>Archives of oral biology</i> . 2016;61:44-52.
11	Kuhn M, Markic G, Doulis I, Gollner P, Patcas R, Hanggi MP. Effect of different incisor movements on the soft tissue profile measured in reference to a rough-surfaced palatal implant. <i>Am J Orthod Dentofac Orthop</i> 2016;149(3):349-57.
12	Kuhn M, Markic G, Patcas R, Doulis I, Gollner P, Hanggi MP. Authors' response. <i>Am J Orthod Dentofac Orthop</i> 2016;150(3):397-8.
13	Mislik B, Konstantonis D, Katsadouris A, Eliades T. University clinic and private practice treatment outcomes in Class I extraction and nonextraction patients: A comparative study with the American Board of Orthodontics Objective Grading System. <i>Am J Orthod Dentofac Orthop</i> 2016;149(2):253-8.
14	Mousoulea S, Kloukos D, Sampaziotis D, Vogiatzi T, Eliades T. Condylar resorption in orthognathic patients after mandibular bilateral sagittal split osteotomy: a systematic review. <i>Eur J Orthod</i> 2016.
15	Nierlich J, Papageorgiou SN, Bourauel C, Hultenschmidt R, Bayer S, Stark H, et al. Corrosion behavior of dental alloys used for retention elements in prosthodontics. <i>European journal of oral sciences</i> . 2016;124(3):287-94.
16	Papadogiannis D, Iliadi A, Bradley TG, Silikas N, Eliades G, Eliades T. Viscoelastic properties of orthodontic adhesives used for lingual fixed retainer bonding. <i>Dent Mater</i> 2017;33(1):e22-e7.
17	Papadopoulou A, Iliadi A, Eliades T, Kletsas D. Early responses of human periodontal ligament fibroblasts to cyclic and static mechanical stretching. <i>Eur J Orthod</i> 2016.
18	Papageorgiou PN, Deschner J, Papageorgiou SN. Effectiveness and Adverse Effects of Deep Brain Stimulation: Umbrella Review of Meta-Analyses. <i>Journal of neurological surgery Part A, Central European neurosurgery</i> . 2016.



19	Papageorgiou SN. Methodological quality and outcome of systematic reviews reporting on orthopaedic treatment for Class III malocclusion: Overview of systematic reviews. <i>Journal of orthodontics</i> . 2016;43(2):89.
20	Papageorgiou SN. Overview provides insights on the current status and future of meta-epidemiology. <i>Journal of clinical epidemiology</i> . 2016;77:11-2.
21	Papageorgiou SN, Golz L, Jager A, Eliades T, Bourauel C. Lingual vs. labial fixed orthodontic appliances: systematic review and meta-analysis of treatment effects. <i>European journal of oral sciences</i> . 2016;124(2):105-18.
22	Papageorgiou SN, Keilig L, Hasan I, Jager A, Bourauel C. Effect of material variation on the biomechanical behaviour of orthodontic fixed appliances: a finite element analysis. <i>Eur J Orthod</i> 2016;38(3):300-7.
23	Papageorgiou SN, Koretsi V, Jager A. Reply. <i>Eur J Orthod</i> 2017;39(1):107.
24	Papageorgiou SN, Koretsi V, Jager A. Bias from historical control groups used in orthodontic research: a meta-epidemiological study. <i>Eur J Orthod</i> 2017;39(1):98-105.
25	Papageorgiou SN, Kutschera E, Memmert S, Golz L, Jager A, Bourauel C, et al. Effectiveness of early orthopaedic treatment with headgear: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016.
26	Papageorgiou SN, Papageorgiou PN, Deschner J, Gotz W. Comparative effectiveness of natural and synthetic bone grafts in oral and maxillofacial surgery prior to insertion of dental implants: Systematic review and network meta-analysis of parallel and cluster randomized controlled trials. <i>Journal of dentistry</i> . 2016;48:1-8.
27	Papageorgiou SN, Sifakakis I, Doulis I, Eliades T, Bourauel C. Torque efficiency of square and rectangular archwires into 0.018 and 0.022 in. conventional brackets. <i>Progress in orthodontics</i> . 2016;17:5.
28	Papageorgiou SN, Sifakakis I, Keilig L, Patcas R, Affolter S, Eliades T, et al. Torque differences according to tooth morphology and bracket placement: a finite element study. <i>Eur J Orthod</i> 2016.
29	Patcas R, Herzog G, Peltomaki T, Markic G. New perspectives on the relationship between mandibular and statural growth. <i>Eur J Orthod</i> 2016;38(1):13-21.
30	Perrin P, Eichenberger M, Neuhaus KW, Lussi A. Visual acuity and magnification devices in dentistry. <i>Swiss dental journal</i> . 2016;126(3):222-35.
31	Ruangasawadi N, Zehnder M, Patcas R, Ghayor C, Siegenthaler B, Gjoksi B, et al. Effects of Stem Cell Factor on Cell Homing During Functional Pulp Regeneration in Human Immature Teeth. <i>Tissue engineering Part A</i> . 2016.
32	Ruangasawadi N, Zehnder M, Patcas R, Ghayor C, Weber FE. Regenerative Dentistry: Animal Model for Regenerative Endodontology. <i>Transfusion medicine and hemotherapy : offizielles Organ der Deutschen Gesellschaft fur Transfusionsmedizin und Immunhamatologie</i> . 2016;43(5):359-64.
33	Sallmann R, Jaggi GP, Enz T, Shojaati G, Sturm V, Schatzle M, et al. Malposition of Teeth and Jaws in Patients with Congenital Superior Oblique Palsy. <i>Klinische Monatsblätter für Augenheilkunde</i> . 2016;233(4):424-8.
34	Sifakakis I, Zinelis S, Patcas R, Eliades T. Mechanical properties of contemporary orthodontic adhesives used for lingual fixed retention. <i>Biomedizinische Technik Biomedical engineering</i> . 2016.
35	Signorelli L, Patcas R, Peltomaki T, Schatzle M. Radiation dose of cone-beam computed tomography compared to conventional radiographs in orthodontics. <i>J Orofac Orthop</i> 2016;77(1):9-15.
36	Steffen R. [Nitrous oxide in dentistry]. <i>Swiss dental journal</i> . 2016;126(1):38-9.
37	Stockli PW, Eliades T, Katsaros C, Kiliaridis S, Verna C. [Jaw orthodontics]. <i>Swiss dental journal</i> . 2016;126(2):199-205.
38	Wolf M, Schulte U, Kupper K, Bourauel C, Keilig L, Papageorgiou SN, et al. Post-treatment changes in permanent retention. <i>J Orofac Orthop</i> 2016;77(6):446-53.



39	Xavier GM, Seppala M, Papageorgiou SN, Fan CM, Cobourne MT. Genetic interactions between the hedgehog co-receptors Gas1 and Boc regulate cell proliferation during murine palatogenesis. <i>Oncotarget</i> . 2016;7(48):79233-46.
40	Zymperdikas VF, Koretsi V, Papageorgiou SN, Papadopoulos MA. Reply. <i>Eur J Orthod</i> 2016;38(3):338.
41	Zymperdikas VF, Koretsi V, Papageorgiou SN, Papadopoulos MA. Treatment effects of fixed functional appliances in patients with Class II malocclusion: a systematic review and meta-analysis. <i>Eur J Orthod</i> 2016;38(2):113-26.