

CITATION REPORT

List of articles citing

The efficacy of posterior three-unit zirconium-oxide-based ceramic fixed partial dental prostheses: a prospective clinical pilot study

DOI: 10.1016/j.prosdent.2006.08.010

Journal of Prosthetic Dentistry, 2006, 96, 237-44.

Source: <https://exaly.com/paper-pdf/40808694/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
396	Choosing an all-ceramic restorative material: porcelain-fused-to-metal or zirconia-based?. 2007 , 138, 662-5		28
395	An overview of zirconia ceramics: basic properties and clinical applications. 2007 , 35, 819-26		834
394	Fracture strength of four-unit Y-TZP FPD cores designed with varying connector diameter. An in-vitro study. 2007 , 34, 702-9		64
393	Developing meaningful systematic review of CAD/CAM reconstructions and fiber-reinforced composites. 2007 , 18 Suppl 3, 205-17		23
392	A systematic review of the survival and complication rates of all-ceramic and metal-ceramic reconstructions after an observation period of at least 3 years. Part II: Fixed dental prostheses. 2007 , 18 Suppl 3, 86-96		374
391	Fracture strength of all-ceramic posterior inlay-retained fixed partial dentures. <i>Dental Materials</i> , 2007 , 23, 1513-20	5.7	38
390	Current ceramic materials and systems with clinical recommendations: a systematic review. <i>Journal of Prosthetic Dentistry</i> , 2007 , 98, 389-404	4	535
389	Reliability and properties of core materials for all-ceramic dental restorations. 2008 , 44, 3-21		107
388	Clinical study of the internal gaps of zirconia and metal frameworks for fixed partial dentures. 2008 , 116, 272-9		90
387	Load-bearing capacity of all-ceramic three-unit fixed partial dentures with different computer-aided design (CAD)/computer-aided manufacturing (CAM) fabricated framework materials. 2008 , 116, 381-6		49
386	Utilization of multiple restorative materials in full-mouth rehabilitation: a clinical report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2008 , 20, 251-63; discussion 264-5	3.5	7
385	COMMENTARY. utilization of multiple restorative materials in full-mouth rehabilitation: a clinical report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2008 , 20, 264-265	3.5	
384	An in vitro evaluation of fit of zirconium-oxide-based ceramic four-unit fixed partial dentures, generated with three different CAD/CAM systems, before and after porcelain firing cycles and after glaze cycles. <i>Journal of Prosthodontics</i> , 2008 , 17, 621-6	3.9	76
383	Complete arch implant rehabilitation using subtractive rapid prototyping and porcelain fused to zirconia prosthesis: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2008 , 100, 165-72	4	43
382	The use of a zirconia custom implant-supported fixed partial denture prosthesis to treat implant failure in the anterior maxilla: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2008 , 100, 415-21	4	22
381	Flexural and shear strengths of ZrO ₂ and a high-noble alloy bonded to their corresponding porcelains. <i>Journal of Prosthetic Dentistry</i> , 2008 , 100, 274-84	4	56
380	State of the art of zirconia for dental applications. <i>Dental Materials</i> , 2008 , 24, 299-307	5.7	1261

379	Shear bond strengths between different zirconia cores and veneering ceramics and their susceptibility to thermocycling. <i>Dental Materials</i> , 2008 , 24, 1556-67	5.7	184
378	Evaluation of bond strength of various margin ceramics to a zirconia ceramic. 2008 , 36, 822-7		20
377	From Feldspar Glass to Zirconia: State of the Art of Ceramics for Dental Applications. 2008 , 1097, 1		
376	Zirconia Ceramics. 2008 , 3104-3110		
375	Ceramics as biomaterials for dental restoration. 2008 , 5, 729-45		79
374	Dental ceramics. 2008 , 518-547		2
373	Damage maps of veneered zirconia under simulated mastication. 2008 , 87, 1127-32		45
372	CAD/CAM Zirconia vs. slip-cast glass-infiltrated Alumina/Zirconia all-ceramic crowns: 2-year results of a randomized controlled clinical trial. 2009 , 17, 49-55		68
371	Shear bond strength of veneering porcelain to zirconia and metal cores. <i>Journal of Advanced Prosthodontics</i> , 2009 , 1, 129-35	2.2	48
370	Laboratory simulation of Y-TZP all-ceramic crown clinical failures. 2009 , 88, 382-6		125
369	Effect of two connector designs on the fracture resistance of all-ceramic core materials for fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , 2009 , 101, 166-73	4	39
368	A comparison of the marginal vertical discrepancies of zirconium and metal ceramic posterior fixed dental prostheses before and after cementation. <i>Journal of Prosthetic Dentistry</i> , 2009 , 102, 378-84	4	102
367	Marginal and internal fits of fixed dental prostheses zirconia retainers. <i>Dental Materials</i> , 2009 , 25, 94-103	5.7	149
366	High-strength CAD/CAM-fabricated veneering material sintered to zirconia copings--a new fabrication mode for all-ceramic restorations. <i>Dental Materials</i> , 2009 , 25, 121-8	5.7	196
365	Off-axis sliding contact reliability and failure modes of veneered alumina and zirconia. <i>Dental Materials</i> , 2009 , 25, 892-8	5.7	31
364	Fatigue testing of two porcelain-zirconia all-ceramic crown systems. <i>Dental Materials</i> , 2009 , 25, 1122-7	5.7	141
363	Effect of composition, viscosity and thickness of the opaquer on the adhesion of resin composite to titanium. <i>Dental Materials</i> , 2009 , 25, 1248-55	5.7	10
362	Bond strength durability of a resin composite on a reinforced ceramic using various repair systems. <i>Dental Materials</i> , 2009 , 25, 1477-83	5.7	54

361	Three-year clinical prospective evaluation of zirconia-based posterior fixed dental prostheses (FDPs). <i>Clinical Oral Investigations</i> , 2009 , 13, 445-51	4.2	115
360	Marginal fit of 14-unit zirconia fixed dental prosthesis retainers. 2009 , 36, 142-9		36
359	Effect of framework design on crown failure. 2009 , 117, 194-9		46
358	Load-bearing capacity of all-ceramic posterior inlay-retained fixed dental prostheses. 2009 , 117, 312-8		25
357	Four-year clinical results of fixed dental prostheses with zirconia substructures (Cercon): end abutments vs. cantilever design. 2009 , 117, 741-9		63
356	Randomized controlled clinical trial of customized zirconia and titanium implant abutments for canine and posterior single-tooth implant reconstructions: preliminary results at 1 year of function. 2009 , 20, 219-25		131
355	Randomized-controlled clinical trial of customized zirconia and titanium implant abutments for single-tooth implants in canine and posterior regions: 3-year results. 2009 , 20, 802-8		192
354	A systematic review of the performance of ceramic and metal implant abutments supporting fixed implant reconstructions. 2009 , 20 Suppl 4, 4-31		241
353	Unstable cracking (chipping) of veneering porcelain on all-ceramic dental crowns and fixed partial dentures. 2009 , 5, 1668-77		363
352	Zirconium dioxide implant abutments for posterior single-tooth replacement: first results. 2009 , 80, 2065-72		40
351	Influence of different surface treatments on surface zirconia frameworks. 2009 , 37, 891-7		118
350	Shear bond strength between an indirect composite veneering material and zirconia ceramics after thermocycling. 2009 , 51, 629-34		25
349	Studies on mechanical strength, thermal expansion of layering porcelains to alumina and zirconia ceramic core materials. <i>Dental Materials Journal</i> , 2009 , 28, 352-61	2.5	25
348	Effect of surface roughness on initial responses of osteoblast-like cells on two types of zirconia. <i>Dental Materials Journal</i> , 2009 , 28, 461-70	2.5	124
347	Current status of zirconia-based fixed restorations. 2010 , 52, 531-9		104
346	Effect of cooling rate on shear bond strength of veneering porcelain to a zirconia ceramic material. 2010 , 52, 647-52		36
345	Combination treatment of tribochemical treatment and phosphoric acid ester monomer of zirconia ceramics enhances the bonding durability of resin-based luting cements. <i>Dental Materials Journal</i> , 2010 , 29, 316-23	2.5	30
344	In vitro evaluation of shear bond strength of veneering ceramics to zirconia. <i>Dental Materials Journal</i> , 2010 , 29, 138-146	2.5	43

343	Parameters affecting retentive force of electroformed double-crown systems. <i>Clinical Oral Investigations</i> , 2010 , 14, 129-35	4.2	31
342	Fracture strength of prefabricated all-ceramic posterior inlay-retained fixed dental prostheses. <i>Dental Materials</i> , 2010 , 26, 67-75	5.7	28
341	Interfacial toughness of bilayer dental ceramics based on a short-bar, chevron-notch test. <i>Dental Materials</i> , 2010 , 26, 111-7	5.7	14
340	Crown pull-off test (crown retention test) to evaluate the bonding effectiveness of luting agents. <i>Dental Materials</i> , 2010 , 26, 193-206	5.7	60
339	An in vitro evaluation of zirconia surface roughness caused by different scaling methods. <i>Journal of Prosthetic Dentistry</i> , 2010 , 103, 283-7	4	14
338	Translucency of zirconia copings made with different CAD/CAM systems. <i>Journal of Prosthetic Dentistry</i> , 2010 , 104, 6-12	4	166
337	A comparison of bond strength of layered veneering porcelains to zirconia and metal. <i>Journal of Prosthetic Dentistry</i> , 2010 , 104, 247-57	4	95
336	Sensitivity of transillumination for detecting microcracks in feldspathic and zirconia ceramic materials. <i>Journal of Prosthetic Dentistry</i> , 2010 , 104, 301-5	4	6
335	Clinical success of zirconia in dental applications. <i>Journal of Prosthodontics</i> , 2010 , 19, 64-8	3.9	77
334	Effect of veneering techniques on color and translucency of Y-TZP. <i>Journal of Prosthodontics</i> , 2010 , 19, 465-70	3.9	43
333	Thermal/mechanical simulation and laboratory fatigue testing of an alternative yttria tetragonal zirconia polycrystal core-veneer all-ceramic layered crown design. 2010 , 118, 202-9		56
332	Survival probability of zirconia-based fixed dental prostheses up to 5 yr: a systematic review of the literature. 2010 , 118, 443-50		111
331	Multifunctional uses of a novel ceramic-lithium disilicate. <i>Journal of Esthetic and Restorative Dentistry</i> , 2010 , 22, 332-41	3.5	35
330	Prefabricated zirconium dioxide implant abutments for single-tooth replacement in the posterior region: evaluation of peri-implant tissues and superstructures after 12 months of function. 2010 , 21, 857-65		26
329	Clinical trials in zirconia: a systematic review. 2010 , 37, 641-52		250
328	Full maxillary rehabilitation with an all-ceramic system. 2010 , 15, e523-5		2
327	Comportamento biomecânico das cerâmicas odontológicas: revisão. 2010 , 56, 148-155		2
326	Effects of Veneering Porcelain Type on Bending Strength of Dental Y-TZP/Porcelain Bilayered Structure. 2010 , 105-106, 524-527		

325	Residual Stresses in Fabrication of Core-Veneered Ceramic Prostheses. 2010 , 97-101, 2241-2244		17
324	Reliability of metaloceramic and zirconia-based ceramic crowns. 2010 , 89, 1051-6		68
323	Biomechanical evaluation of an anatomically correct all-ceramic tooth-crown system configuration: core layer multivariate analysis incorporating clinically relevant variables. 2010 , 132, 051001		6
322	Fraktur einer kopiergefrästen Implantatbrücke aus Zirkonoxid-Keramik. 2010 , 119, 296-298		1
321	Graded zirconia glass for resistance to veneer fracture. 2010 , 89, 1057-62		43
320	A clinical comparison of zirconia, metal and alumina fixed-prosthesis frameworks veneered with layered or pressed ceramic: a three-year report. 2010 , 141, 1317-29		111
319	Fatigue and damage accumulation of veneer porcelain pressed on Y-TZP. 2010 , 38, 318-24		33
318	Failure modes of Y-TZP crowns at different cusp inclines. 2010 , 38, 707-12		34
317	Fatigue life and failure modes of crowns systems with a modified framework design. 2010 , 38, 626-34		58
316	Influence of thickness and cooling rate on development of spontaneous cracks in porcelain/zirconia structures. 2010 , 55, 306-10		84
315	Performance of Zirconia for Dental Healthcare. <i>Materials</i> , 2010 , 3, 863-896	3-5	48
314	Fractographic analysis of a dental zirconia framework: a case study on design issues. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010 , 3, 623-9	4-1	43
313	Clinical evaluation of posterior all-ceramic FPDs (Cercon): a prospective clinical pilot study. <i>Journal of Prosthodontic Research</i> , 2010 , 54, 102-5	4-3	28
312	Ceramics for Dental Applications: A Review. <i>Materials</i> , 2010 , 3, 351-368	3-5	244
311	Evolution and clinical applications of esthetic ceramic materials in dentistry. 2011 , 142 Suppl 2, 3S		1
310	Modified Y-TZP core design improves all-ceramic crown reliability. 2011 , 90, 104-8		79
309	Uso di strutture in zirconia e ceramica pressofusa nelle riabilitazioni implantoprotesiche estese in presenza di deficit non trattabili dei tessuti duri e molli. 2011 , 10, 93-103		
308	Shear bond strength of resin cement to zirconia ceramic after aluminum oxide sandblasting and various laser treatments. 2011 , 29, 797-802		86

307	All-ceramic systems: laboratory and clinical performance. 2011 , 55, 333-52, ix		157
306	Cements and adhesives for all-ceramic restorations. 2011 , 55, 311-32, ix		80
305	Reliability and failure modes of implant-supported zirconium-oxide fixed dental prostheses related to veneering techniques. 2011 , 39, 489-98		57
304	The effect of surface treatment on bond strength of layering porcelain and hybrid composite bonded to zirconium dioxide ceramics. <i>Journal of Prosthodontic Research</i> , 2011 , 55, 146-53	4.3	18
303	A study on the marginal fit of CAD/CAM 3-unit bridges. <i>The Journal of Korean Academy of Prosthodontics</i> , 2011 , 49, 101	0.2	
302	Influence of surface modification techniques on shear bond strength between different zirconia cores and veneering ceramics. <i>Journal of Advanced Prosthodontics</i> , 2011 , 3, 221-8	2.2	61
301	Effect of connector design on fracture resistance of zirconia all-ceramic fixed partial dentures. 2011 , 52, 61-7		19
300	Novel fabrication method for zirconia restorations: bonding strength of machinable ceramic to zirconia with resin cements. <i>Dental Materials Journal</i> , 2011 , 30, 419-24	2.5	15
299	A 3-year follow-up study of all-ceramic single and multiple crowns performed in a private practice: a prospective case series. 2011 , 66, 2063-70		24
298	An investigation into the role of core porcelain thickness and lamination in determining the flexural strength of In-Ceram dental materials. <i>Journal of Prosthodontics</i> , 2011 , 20, 261-6	3.9	12
297	Mechanical behavior of ceramic veneer in zirconia-based restorations: a 3-dimensional finite element analysis using microcomputed tomography data. <i>Journal of Prosthetic Dentistry</i> , 2011 , 105, 14-20		34
296	Effect of zirconia surface treatments on the shear bond strength of veneering ceramic. <i>Journal of Prosthetic Dentistry</i> , 2011 , 105, 315-22	4	94
295	Availability of Journal Back Issues. <i>Journal of Prosthetic Dentistry</i> , 2011 , 105, 322	4	
294	Shear bond strengths of pressed and layered veneering ceramics to high-noble alloy and zirconia cores. <i>Journal of Prosthetic Dentistry</i> , 2011 , 106, 29-37	4	69
293	Complete and partial contour zirconia designs for crowns and fixed dental prostheses: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2011 , 106, 145-52	4	60
292	From porcelain-fused-to-metal to zirconia: clinical and experimental considerations. <i>Dental Materials</i> , 2011 , 27, 83-96	5.7	273
291	Subcritical crack growth behavior and life data analysis of two types of dental Y-TZP ceramics. <i>Dental Materials</i> , 2011 , 27, 684-91	5.7	30
290	Influence of connector design and material composition and veneering on the stress distribution of all-ceramic fixed dental prostheses: a finite element study. <i>Dental Materials</i> , 2011 , 27, e171-5	5.7	18

289	Load-bearing capacity and failure types of anterior zirconia crowns veneered with overpressing and layering techniques. <i>Dental Materials</i> , 2011 , 27, 1045-53	5.7	42
288	Early bond strength of two resin cements to Y-TZP ceramic using MPS or MPS/4-META silanes. <i>Odontology / the Society of the Nippon Dental University</i> , 2011 , 99, 62-67	3.6	34
287	Fracture load and failure analysis of zirconia single crowns veneered with pressed and layered ceramics after chewing simulation. <i>Dental Materials Journal</i> , 2011 , 30, 554-62	2.5	19
286	Sliding contact fatigue of graded zirconia with external esthetic glass. 2011 , 90, 1116-21		28
285	Chipping auf Zirkonoxid? âNeue Erkenntnisse zur Vermeidung von Verblendfrakturen. 2012 , 121, 496-500		
284	Evaluation of chemical treatment on zirconia surface with two primer agents and an alkaline solution on bond strength. <i>Operative Dentistry</i> , 2012 , 37, 625-33	2.9	13
283	Finite element analysis to compare stress distribution of gold alloy, lithium-disilicate reinforced glass ceramic and zirconia based fixed partial denture. 2012 , 3, 291-7		12
282	Full Issue PDF. <i>Operative Dentistry</i> , 2012 , 37, 561-E12	2.9	
281	Marginal discoloration of all-ceramic restorations cemented adhesively versus nonadhesively. 2012 , 143, e70-80		2
280	Effects of the Mechanical Properties of Veneering Porcelain on Stress Distribution of Dental Zirconia Layered Structure: A Finite Element Model Study. 2012 , 512-515, 1797-1801		
279	Microfractures in metal-ceramic and all-ceramic implant-supported fixed dental prostheses caused by superstructure fixation. <i>Dental Materials Journal</i> , 2012 , 31, 338-45	2.5	6
278	Effect of surface treatment on bond strength between an indirect composite material and a zirconia framework. 2012 , 54, 39-46		23
277	Shear bond strengths between alumina-toughened zirconia cores and veneering ceramics and their susceptibility to aging. 2012 , 5, 402-5		2
276	Bonding between layering materials and zirconia frameworks. 2012 , 48, 153-161		20
275	Flexural strength and the probability of failure of cold isostatic pressed zirconia core ceramics. <i>Journal of Prosthetic Dentistry</i> , 2012 , 108, 84-95	4	14
274	Clinical efficacy of veneered zirconium dioxide-based posterior partial fixed dental prostheses: five-year results. <i>Journal of Prosthetic Dentistry</i> , 2012 , 108, 214-22	4	76
273	Shear bond strength between an indirect composite layering material and feldspathic porcelain-coated zirconia ceramics. <i>Clinical Oral Investigations</i> , 2012 , 16, 1401-11	4.2	10
272	Surface roughness and morphologic changes of zirconia following different surface treatments. 2012 , 30, 339-45		37

271	Biocompatibility and bone tissue compatibility of alumina ceramics reinforced with carbon nanotubes. 2012 , 7, 981-93		44
270	In vitro evaluation of fracture strength of zirconia restoration veneered with various ceramic materials. <i>Journal of Advanced Prosthodontics</i> , 2012 , 4, 162-9	2.2	36
269	Clinical performance and failures of zirconia-based fixed partial dentures: a review literature. <i>Journal of Advanced Prosthodontics</i> , 2012 , 4, 76-83	2.2	65
268	Ceramics in Dentistry. 2012 ,		1
267	Impact of air-abrasion on fracture load and failure type of veneered anterior Y-TZP crowns before and after chewing simulation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1683-90	3.5	5
266	Five-year prospective clinical study of posterior three-unit zirconia-based fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2012 , 16, 977-85	4.2	56
265	Evaluation of zirconium-oxide-based ceramic single-unit posterior fixed dental prostheses (FDPs) generated with two CAD/CAM systems compared to porcelain-fused-to-metal single-unit posterior FDPs: a 5-year clinical prospective study. <i>Journal of Prosthodontics</i> , 2012 , 21, 265-9	3.9	61
264	Three-year clinical follow-up of posterior teeth restored with leucite-reinforced ips empress onlays and partial veneer crowns. <i>Journal of Prosthodontics</i> , 2012 , 21, 340-5	3.9	16
263	Fracture strength of yttria-stabilized tetragonal zirconia polycrystals crowns with different design: an in vitro study. 2012 , 23, 820-6		41
262	Reliability and fatigue failure modes of implant-supported aluminum-oxide fixed dental prostheses. 2012 , 23, 1173-80		5
261	A clinical evaluation of all-ceramic bridges placed in patients attending UK general dental practices: three-year results. <i>Dental Materials</i> , 2012 , 28, 229-36	5.7	33
260	Standardizing failure, success, and survival decisions in clinical studies of ceramic and metal-ceramic fixed dental prostheses. <i>Dental Materials</i> , 2012 , 28, 102-11	5.7	180
259	Sensitivity analysis of bi-layered ceramic dental restorations. <i>Dental Materials</i> , 2012 , 28, e6-14	5.7	26
258	The fracture load and failure types of veneered anterior zirconia crowns: an analysis of normal and Weibull distribution of complete and censored data. <i>Dental Materials</i> , 2012 , 28, 478-87	5.7	22
257	In vitro performance of full-contour zirconia single crowns. <i>Dental Materials</i> , 2012 , 28, 449-56	5.7	174
256	Influence of veneer application on fracture behavior of lithium-disilicate-based ceramic crowns. <i>Dental Materials</i> , 2012 , 28, 653-60	5.7	37
255	Conventional and modified veneered zirconia vs. metaloceramic: fatigue and finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 433-9	3.9	32
254	Residual thermal stress simulation in three-dimensional molar crown systems: a finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 529-34	3.9	14

253	Abutment design for implant-supported indirect composite molar crowns: reliability and fractography. <i>Journal of Prosthodontics</i> , 2012 , 21, 596-603	3.9	2
252	Overview: Damage resistance of graded ceramic restorative materials. 2012 , 32, 2623-2632		44
251	Potentials of the "Direct inkjet printing" method for manufacturing 3Y-TZP based dental restorations. 2012 , 32, 2193-2201		41
250	Measuring residual stress in ceramic zirconia-porcelain dental crowns by nanoindentation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 6, 120-7	4.1	46
249	Evaluation of flexural strength of hiped and presintered zirconia using different estimation methods of Weibull statistics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 10, 227-34	4.1	26
248	The use of slow heating and slow cooling regimens to strengthen porcelain fused to zirconia. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 163-9	4	67
247	Survival and complications of zirconia-based fixed dental prostheses: a systematic review. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 170-7	4	254
246	A prospective evaluation of zirconia posterior fixed dental prostheses: three-year clinical results. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 373-9	4	49
245	Evaluation of a conditioning method to improve core-veneer bond strength of zirconia restorations. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 380-7	4	31
244	Contact fatigue response of porcelain-veneered alumina model systems. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 508-15	3.5	7
243	Finite element analysis to compare stress distribution of connector of lithia disilicate-reinforced glass-ceramic and zirconia-based fixed partial denture. <i>Odontology / the Society of the Nippon Dental University</i> , 2012 , 100, 96-9	3.6	10
242	Clinical use of alumina-toughened zirconia abutments for implant-supported restoration: prospective cohort study of survival analysis. 2013 , 24, 517-22		23
241	Immediate single implant restorations in mandibular molar extraction sockets: a controlled clinical trial. 2013 , 24, 484-96		27
240	The effect of zirconia sintering temperature on flexural strength, grain size, and contrast ratio. <i>Clinical Oral Investigations</i> , 2013 , 17, 269-74	4.2	153
239	Fracture toughness of heat-pressed and layered ceramics. <i>Journal of Prosthetic Dentistry</i> , 2013 , 109, 234-40	4.0	18
238	The effect of prosthetic margin location on caries susceptibility. A systematic review and meta-analysis. 2013 , 214, 617-24		7
237	Two-body wear of monolithic, veneered and glazed zirconia and their corresponding enamel antagonists. 2013 , 71, 102-12		107
236	Effect of core design and veneering technique on damage and reliability of Y-TZP-supported crowns. <i>Dental Materials</i> , 2013 , 29, 307-16	5.7	88

235	Effect of surface modification on the bond strength between zirconia and resin cement. <i>Journal of Prosthodontics</i> , 2013 , 22, 529-536	3.9	18
234	Thermal-induced residual stresses affect the lifetime of zirconia-veneer crowns. <i>Dental Materials</i> , 2013 , 29, 181-90	5.7	65
233	Influence of convergence angle of tooth preparation on the fracture resistance of Y-TZP-based all-ceramic restorations. <i>Dental Materials</i> , 2013 , 29, 339-47	5.7	47
232	Current status of zirconia restoration. <i>Journal of Prosthodontic Research</i> , 2013 , 57, 236-61	4.3	398
231	Marginal bone loss of two implant systems with three different superstructure materials: a randomised clinical trial. 2013 , 40, 457-63		5
230	Intraoral treatment of veneering porcelain chipping of fixed dental restorations: a review and clinical application. 2013 , 144, 31-44		73
229	Shear bond strength of veneering ceramic to zirconia core after different surface treatments. 2013 , 31, 261-8		43
228	Fatigue behavior of zirconia-ceramic, galvano-ceramic, and porcelain-fused-to-metal fixed partial dentures. <i>Journal of Prosthodontics</i> , 2013 , 22, 516-522	3.9	11
227	Durability of bond between an indirect composite veneering material and zirconium dioxide ceramics. 2013 , 71, 457-63		14
226	An in vivo evaluation of fit of zirconium-oxide based ceramic single crowns, generated with two CAD/CAM systems, in comparison to metal ceramic single crowns. <i>Journal of Prosthodontics</i> , 2013 , 22, 36-41	3.9	25
225	Effects of thickness, processing technique, and cooling rate protocol on the flexural strength of a bilayer ceramic system. <i>Dental Materials</i> , 2013 , 29, 1063-72	5.7	38
224	Five-year clinical evaluation of zirconia-based bridges in patients in UK general dental practices. 2013 , 41, 992-9		39
223	Complete-mouth implant rehabilitation with modified monolithic zirconia implant-supported fixed dental prostheses and an immediate-loading protocol: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2013 , 109, 347-52	4	25
222	Bi-colored zirconia as dental restoration ceramics. 2013 , 39, 9277-9283		14
221	How and when does fabrication damage adversely affect the clinical performance of ceramic restorations?. <i>Dental Materials</i> , 2013 , 29, 85-96	5.7	77
220	Clinical risk factors related to failures with zirconia-based restorations: an up to 9-year retrospective study. 2013 , 41, 1164-74		86
219	Test of Relative Translucency of 5 All-Ceramic Core Materials. 2013 , 591, 289-292		
218	Test of Relative Translucency for Four All-Ceramic Core Material after Veneering Ceramic. 2013 , 544, 388-391		

217	The effect of ceramic primer on shear bond strength of resin composite cement to zirconia: a function of water storage and thermal cycling. 2013 , 144, 1261-71		23
216	Tooth wear against ceramic crowns in posterior region: a systematic literature review. 2013 , 5, 183-90		43
215	Survival rates of a lithium disilicate-based core ceramic for three-unit esthetic fixed partial dentures: a 10-year prospective study. <i>International Journal of Prosthodontics</i> , 2013 , 26, 175-80	1.9	38
214	Effects of coloring agents applied during sintering on bending strength and hardness of zirconia ceramics. <i>Dental Materials Journal</i> , 2013 , 32, 793-800	2.5	11
213	Surface agents' influence on the flexural strength of bilaminated ceramics. 2013 , 27, 311-7		6
212	The influence of various core designs on stress distribution in the veneered zirconia crown: a finite element analysis study. <i>Journal of Advanced Prosthodontics</i> , 2013 , 5, 187-97	2.2	20
211	Immediate loading of screw-retained all-ceramic crowns in immediate versus delayed single implant placement. <i>International Journal of Prosthodontics</i> , 2013 , 26, 458-64	1.9	14
210	Bond strength of veneer ceramic and zirconia cores with different surface modifications after microwave sintering. <i>Journal of Advanced Prosthodontics</i> , 2013 , 5, 485-93	2.2	11
209	In vitro comparison of fracture load of implant-supported, zirconia-based, porcelain- and composite-layered restorations after artificial aging. <i>Dental Materials Journal</i> , 2014 , 33, 607-13	2.5	14
208	Influence of ceramic surface texture on the wear of gold alloy and heat-pressed ceramics. <i>Dental Materials Journal</i> , 2014 , 33, 865-73	2.5	11
207	Flexural strengths of implant-supported zirconia based bridges in posterior regions. <i>Journal of Advanced Prosthodontics</i> , 2014 , 6, 346-50	2.2	10
206	Zirconia in fixed prosthesis. A literature review. <i>Journal of Clinical and Experimental Dentistry</i> , 2014 , 6, e66-73	1.4	46
205	Tensile strength of bilayered ceramics and corresponding glass veneers. <i>Journal of Advanced Prosthodontics</i> , 2014 , 6, 151-6	2.2	1
204	Clinical gap changes after porcelain firing cycles of zirconia fixed dentures. <i>Journal of Advanced Prosthodontics</i> , 2014 , 6, 177-84	2.2	3
203	The Zirconia Restoration Properties: A Versatile Restorative Material. 2014 , 04,		2
202	Pre-fabricated zirconium dioxide implant abutments for single-tooth replacement in the posterior region: success and failure after 3 years of function. 2014 , 72, 392-400		22
201	Evaluation of experimental coating to improve the zirconia-veneering ceramic bond strength. <i>Journal of Prosthodontics</i> , 2014 , 23, 626-33	3.9	14
200	A systematic review of CAD/CAM fit restoration evaluations. 2014 , 41, 853-74		115

199	Adhesion mechanisms at the interface between Y-TZP and veneering ceramic with and without modifier. 2014 , 42, 1473-9		12
198	A systematic review of outcome measurements and quality of studies evaluating fixed tooth-supported restorations. <i>Journal of Prosthodontics</i> , 2014 , 23, 421-33	3.9	8
197	A novel coping design to decrease maximum principal stress in zirconia ceramic restorations. <i>Journal of Prosthodontics</i> , 2014 , 23, 534-9	3.9	3
196	Metal-Ceramic Fixed Prosthodontics - An Obsolete Therapeutic Solution?. 2014 , 614, 134-139		
195	The effect of surface roughness on ceramics used in dentistry: A review of literature. 2014 , 8, 571-579		67
194	An investigation of the effect of scaling-induced surface roughness on bacterial adhesion in common fixed dental restorative materials. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1265-70	4	11
193	Load-bearing capacity and the recommended thickness of dental monolithic zirconia single crowns. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 35, 93-101	4.1	89
192	Influence of zirconia surface treatment on veneering porcelain shear bond strength after cyclic loading. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1392-8	4	15
191	Computer assisted to determine the influence of connector design and stress distribution in Incoris TZI (Zirconia) fixed partial denture. 2014 ,		1
190	In vivo shell-like fractures of veneered-ZrO ₂ fixed dental prostheses. 2014 , 2, 91-99		14
189	Clinical outcomes of three different crown systems with CAD/CAM technology. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 770-7	4	78
188	Effect of surface treatment and liner material on the adhesion between veneering ceramic and zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 40, 369-374	4.1	17
187	Interface toughness of a zirconia-veneer system and the effect of a liner application. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 576-83	4	25
186	Influence of the veneer-framework interface on the mechanical behavior of ceramic veneers: a nonlinear finite element analysis. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 857-63	4	5
185	Effect of zirconia surface treatment on zirconia/veneer interfacial toughness evaluated by fracture mechanics method. 2014 , 42, 808-15		25
184	Fracture and shear bond strength analyses of different dental veneering ceramics to zirconia. <i>Materials Science and Engineering C</i> , 2014 , 38, 79-84	8.3	18
183	Bruxism in prospective studies of veneered zirconia restorations-a systematic review. <i>International Journal of Prosthodontics</i> , 2014 , 27, 127-33	1.9	12
182	Technical complications and failures of zirconia-based prostheses supported by implants followed up to 7 years: a case series. <i>International Journal of Prosthodontics</i> , 2014 , 27, 544-52	1.9	30

181	The effect of staining and vacuum sintering on optical and mechanical properties of partially and fully stabilized monolithic zirconia. <i>Dental Materials Journal</i> , 2015 , 34, 605-10	2.5	67
180	Translucency and flexural strength of monolithic translucent zirconia and porcelain-layered zirconia. <i>Dental Materials Journal</i> , 2015 , 34, 910-7	2.5	55
179	Effect of various surface preparations on bond strength of a gingiva-colored indirect composite to zirconia framework for implant-supported prostheses. <i>Dental Materials Journal</i> , 2015 , 34, 402-9	2.5	3
178	Proliferation and osteogenic differentiation of human mesenchymal stem cells on zirconia and titanium with different surface topography. <i>Dental Materials Journal</i> , 2015 , 34, 872-80	2.5	25
177	An In Vivo Evaluation of the Fit of Zirconium-Oxide Based, Ceramic Single Crowns with Vertical and Horizontal Finish Line Preparations. <i>Journal of Prosthodontics</i> , 2015 , 24, 603-9	3.9	6
176	The effect of zirconia framework design on the failure of all-ceramic crown under static loading. <i>Journal of Advanced Prosthodontics</i> , 2015 , 7, 146-50	2.2	10
175	Impact Behavior of Three Notched All-Ceramic Restorations after Soaking in Artificial Saliva. <i>Materials</i> , 2015 , 8, 4479-4490	3.5	5
174	Esthetic Prosthetic Restorations: Reliability and Effects on Antagonist Dentition. <i>Open Dentistry Journal</i> , 2015 , 9, 473-81	0.8	5
173	Comparison of shear bond strength of orthodontic brackets using various zirconia primers. 2015 , 45, 164-70		12
172	Three- to nine-year survival estimates and fracture mechanisms of zirconia- and alumina-based restorations using standardized criteria to distinguish the severity of ceramic fractures. <i>Clinical Oral Investigations</i> , 2015 , 19, 2295-307	4.2	23
171	Effect of surface treatments on the bond strength of veneering ceramic to zirconia. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015 , 13, 17-27	1.8	7
170	Influence of peak oral temperatures on veneer-core interface stress state. 2015 , 1, 22-28		
169	Application of Micro-Raman Spectroscopy to the Study of Yttria-Stabilized Tetragonal Zirconia Polycrystal (Y-TZP) Phase Transformation. 2015 , 69, 810-4		17
168	In vitro shear bond strength of two self-adhesive resin cements to zirconia. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 122-7	4	20
167	Efficacy of ceramic repair material on the bond strength of composite resin to zirconia ceramic. 2015 , 73, 28-32		11
166	Evaluation of Zirconia-Based All-Ceramic Single Crowns and Fixed Dental Prosthesis on Zirconia Implants: 5-Year Results of a Prospective Cohort Study. 2015 , 17, 1014-28		29
165	Zirconia-Based Screw-Retained Prostheses Supported by Implants: A Retrospective Study on Technical Complications and Failures. 2015 , 17, 1073-81		28
164	Zirconia-based dental crown to support a removable partial denture: a three-dimensional finite element analysis using contact elements and micro-CT data. 2015 , 18, 1744-52		2

163	Effects of cementation surface modifications on fracture resistance of zirconia. <i>Dental Materials</i> , 2015 , 31, 435-42	5.7	28
162	Repair bond strength of composite resin to sandblasted and laser irradiated Y-TZP ceramic surfaces. <i>Scanning</i> , 2015 , 37, 186-92	1.6	17
161	Applications of Computational Tools in Biosciences and Medical Engineering. <i>Advanced Structured Materials</i> , 2015 ,	0.6	
160	A study of compressive strength between zirconia framework and veneering ceramic as a function of thermal expansion coefficient using ShellâNielsen test method. 2015 , 29, 1924-1936		2
159	A prospective evaluation of zirconia anterior partial fixed dental prostheses: Clinical results after seven years. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 578-84	4	24
158	All-ceramic or metal-ceramic tooth-supported fixed dental prostheses (FDPs)? A systematic review of the survival and complication rates. Part I: Single crowns (SCs). <i>Dental Materials</i> , 2015 , 31, 603-23	5.7	354
157	Lifetime comparison of Y-TZP/porcelain crowns under different loading conditions. 2015 , 43, 450-7		18
156	The effects of sintering temperature and duration on the flexural strength and grain size of zirconia. 2015 , 1, 43-50		33
155	Chipping of Veneering Ceramics in Zirconium Dioxide Fixed Dental Prosthesis. 2015 , 2, 169-173		10
154	Catastrophic failure of a monolithic zirconia prosthesis. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 86-90	4	18
153	Using zirconia-based prosthesis in a complete-mouth reconstruction treatment for worn dentition with the altered vertical dimension of occlusion. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 81-5	4	14
152	Finite element analysis of the influence of geometry and design of zirconia crowns on stress distribution. <i>Journal of Prosthodontics</i> , 2015 , 24, 146-51	3.9	17
151	Seven-year prospective clinical study on zirconia-based single crowns and fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2015 , 19, 1137-45	4.2	29
150	Keramikwerkstoffe in der restaurativen Zahnmedizin. 2016 , 10, 233-249		
149	Evaluation of marginal and internal gap under model-free monolithic zirconia restoration fabricated by digital intraoral scanner. <i>The Journal of Korean Academy of Prosthodontics</i> , 2016 , 54, 210	0.2	3
148	Low-Fusing Porcelain Glaze Application on 3Y-TZP Surfaces can Enhance Zirconia-Porcelain Adhesion. 2016 , 27, 543-547		11
147	Comparison of Marginal and Internal Adaptation of CAD/CAM and Conventional Cement Retained Implant-Supported Single Crowns. 2016 , 25, 103-8		17
146	Veneer Ceramic to Y-TZP Bonding: Comparison of Different Surface Treatments. <i>Journal of Prosthodontics</i> , 2016 , 25, 324-9	3.9	28

145	Analysis of tooth preparations for zirconia-based crowns and fixed dental prostheses using stereolithography data sets. <i>Journal of Prosthetic Dentistry</i> , 2016 , 116, 783-789	4	14
144	Fracture rate of monolithic zirconia restorations up to 5 years: A dental laboratory survey. <i>Journal of Prosthetic Dentistry</i> , 2016 , 116, 436-9	4	61
143	Adhesion between zirconia and indirect composite resin. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 69, 72-78	3-4	2
142	Comparison of implant versus tooth-supported zirconia-based single crowns in a split-mouth design: a 4-year clinical follow-up study. <i>Clinical Oral Investigations</i> , 2016 , 20, 2467-2473	4-2	10
141	The mechanical behavior of the material-tissue and material-material interface in dental reconstructions. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 69, 2-14	3-4	7
140	Effect of core ceramic grinding on fracture behaviour of bilayered zirconia veneering ceramic systems under two loading schemes. <i>Dental Materials</i> , 2016 , 32, 1453-1463	5-7	7
139	Lifetime prediction of zirconia and metal ceramic crowns loaded on marginal ridges. <i>Dental Materials</i> , 2016 , 32, 1543-1554	5-7	11
138	Descriptions of crack growth behaviors in glass-ZrO ₂ bilayers under thermal residual stresses. <i>Dental Materials</i> , 2016 , 32, 1165-76	5-7	8
137	Fracture Behavior of Minimally Invasive, Posterior, and Fixed Dental Prostheses Manufactured from Monolithic Zirconia. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016 , 28, 367-381	3-5	8
136	The effect of monolithic zirconia thickness on the degree of conversion of dental resin cements: ATR-FTIR spectroscopic analysis. 2016 , 86, 212-217		3
135	Full Issue PDF. <i>Operative Dentistry</i> , 2016 , 41, 341	2-9	37
134	Clinical outcomes of zirconia-based implant- and tooth-supported single crowns. <i>Clinical Oral Investigations</i> , 2016 , 20, 169-78	4-2	30
133	Effects of coping designs on fracture modes in zirconia crowns: Progressive load test. 2016 , 42, 7380-7389		5
132	Full Issue PDF. <i>Operative Dentistry</i> , 2016 , 41, 1	2-9	
131	Bone Repair Utilizing Carbon Nanotubes. 2016 , 1-15		1
130	Effects of coping designs on stress distributions in zirconia crowns: Finite element analysis. 2016 , 42, 4932-4940		7
129	Fatigue limit of polycrystalline zirconium oxide ceramics: Effect of grinding and low-temperature aging. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 61, 45-54	4-1	39
128	Fatigue Resistance of Y-TZP/Porcelain Crowns is Not Influenced by the Conditioning of the Intaglio Surface. <i>Operative Dentistry</i> , 2016 , 41, E1-12	2-9	29

127	Effect of Polishing Systems on Surface Roughness and Topography of Monolithic Zirconia. <i>Operative Dentistry</i> , 2016 , 41, 417-23	2.9	16
126	Mechanical behavior of a Y-TZP ceramic for monolithic restorations: effect of grinding and low-temperature aging. <i>Materials Science and Engineering C</i> , 2016 , 63, 70-7	8.3	50
125	Graphene-Alumina Nanocomposites with Improved Mechanical Properties for Biomedical Applications. 2016 , 8, 2607-16		59
124	Tooth-implant-supported posterior fixed dental prostheses with zirconia frameworks: 3-year clinical result. <i>Clinical Oral Investigations</i> , 2016 , 20, 1079-86	4.2	6
123	Monoclinic phase transformation and mechanical durability of zirconia ceramic after fatigue and autoclave aging. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1972-1977	3.5	17
122	An In Vitro Evaluation of Alumina, Zirconia, and Lithium Disilicate Surface Roughness Caused by Two Scaling Instruments. <i>Journal of Prosthodontics</i> , 2017 , 26, 129-135	3.9	7
121	Influence of veneering technique and veneer-coping thickness on fracture toughness of implant retained veneered Y-TZP zirconia crowns. 2017 , 31, 1758-1767		2
120	Survival and testing parameters of zirconia-based crowns under cyclic loading in an aqueous environment: A systematic review. 2017 , 8, e12261		11
119	Reliability and mode of failure of bonded monolithic and multilayer ceramics. <i>Dental Materials</i> , 2017 , 33, 191-197	5.7	36
118	Dental Ceramics for Restoration and Metal Veneering. 2017 , 61, 797-819		78
117	Evaluation of shear bond strength of a novel nano-zirconia and veneering ceramics. 2017 , 43, 1272-1277		5
116	Clinical performance of screw-retained and cemented implant-supported zirconia single crowns: 36-month results. <i>Clinical Oral Investigations</i> , 2017 , 21, 1953-1959	4.2	12
115	Experimental Evaluation of Fracture Pattern in Bilayered All-Ceramic Molar Crowns. 2017 , 376, 101-110		
114	Ceramics for dentistry. 2017 , 181-248		0
113	Effect of frame design and veneering material on biomechanical behavior of zirconia dental crowns veneered with overpressing ceramics. <i>Dental Materials Journal</i> , 2017 , 36, 275-281	2.5	5
112	Bonding measurement -Strength and fracture mechanics approaches. <i>Dental Materials Journal</i> , 2017 , 36, 497-502	2.5	3
111	A Three-Year Retrospective Study on Survival of Ceramic-Veneered Zirconia (Y-TZP) Fixed Dental Prostheses Performed in Private Practices. 2017 , 2017, 9618306		4
110	Effect of Abutment Preparation and Fatigue Loading in a Moist Environment on the Fracture Resistance of the One-Piece Zirconia Dental Implant. 2017 , 32, 533-540		2

109	Understanding the mechanical behavior of the materialâ€issue and materialâ€material interface in dental reconstructions. 2017 , 113-145		
108	Efeito da adiã de Fe2O3 nas propriedades da zircãia estabilizada com ãria. 2017 , 22,		
107	Shear Bond Strength of Orthodontic Brackets Bonded to Zirconium Crowns. <i>Acta Stomatologica Croatica</i> , 2017 , 51, 99-105	1.4	7
106	Longevity of ceramic onlays: A systematic review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2018 , 30, 193-215	3.5	24
105	Wettability of zirconia by feldspathic veneer in dental restorations: Effect of firing atmosphere and surface roughness. 2018 , 44, 4307-4312		10
104	Laser-assisted removal of all ceramic fixed dental prostheses: A comprehensive review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2018 , 30, 216-222	3.5	16
103	Clinical evaluation of zirconia-based all-ceramic single crowns: an up to 12-year retrospective cohort study. <i>Clinical Oral Investigations</i> , 2018 , 22, 697-706	4.2	22
102	Clinical Results and Technical Complications of Posterior Implant-Supported Modified Monolithic Zirconia Single Crowns and Short-Span Fixed Dental Prostheses: A 2-Year Pilot Study. <i>Journal of Prosthodontics</i> , 2018 , 27, 108-114	3.9	14
101	Keramikwerkstoffe in der restaurativen Zahnmedizin. 2018 , 127, 356-363		
100	Effects of Prosthetic Material and Framework Design on Stress Distribution in Dental Implants and Peripheral Bone: A Three-Dimensional Finite Element Analysis. 2018 , 24, 4279-4287		7
99	Fracture force for veneered materials on restorations measured by torsion testing. <i>Dental Materials Journal</i> , 2018 , 37, 592-598	2.5	
98	Analysis of osteogenic potential on 3mol% yttria-stabilized tetragonal zirconia polycrystals and two different niobium oxide containing zirconia ceramics. <i>Journal of Advanced Prosthodontics</i> , 2018 , 10, 147-154	2.2	3
97	Replacing Missing Teeth with Fixed Partial Dentures. 2018 , 541-578		
96	Esthetic Principles in Constructing Ceramic Restorations. 2018 , 1367-1385		
95	Transmittance of visible and blue light through zirconia. <i>Dental Materials Journal</i> , 2018 , 37, 812-817	2.5	3
94	Internal accuracy of digitally fabricated cross-arch yttria-stabilized tetragonal zirconia polycrystalline prosthesis. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2018 , 10, 129-140	1.6	3
93	Effect of using different metal and ceramic materials as restorations on stress distribution around dental implants: a comparative finite element study. <i>Materials Research Express</i> , 2018 , 5, 115403	1.7	0
92	Evaluation of mold-enclosed shear bond strength between zirconia core and porcelain veneer. <i>Dental Materials Journal</i> , 2018 , 37, 783-788	2.5	6

91	Repair bond strength of composite to Er,Cr:YSGG laser irradiated zirconia and porcelain surfaces. <i>Biomedical Journal</i> , 2019 , 42, 193-199	7.1	7
90	Prosthodontic Techniques for Dental Implant Restoration. 2019 , 283-302		
89	Randomized Clinical Trial on Single Zirconia Crowns with Feather-Edge vs Chamfer Finish Lines: Four-Year Results. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019 , 39, 817-826	2.1	4
88	In Vitro Evaluation of Shear Bond Strength of Three Primer/Resin Cement Systems to Monolithic Zirconia. <i>International Journal of Prosthodontics</i> , 2019 , 32, 519-525	1.9	6
87	Numerical Analysis of a Dental Zirconium Restoration and the Stresses That Occur in Dental Tissues. <i>Applied Bionics and Biomechanics</i> , 2019 , 2019, 1049306	1.6	2
86	Validation of in-vitro tests of zirconia-ceramic inlay-retained fixed partial dentures: A finite element analysis. <i>Dental Materials</i> , 2019 , 35, e53-e62	5.7	2
85	Effect of zirconia surface treatment, resin cement and aging on the load-bearing capacity under fatigue of thin simplified full-contour Y-TZP restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 97, 21-29	4.1	13
84	Ceramic Fracture in Bilayered All-ceramic Indirect Restoration: A Review of the Literature. <i>Journal of Advanced Oral Research</i> , 2019 , 10, 5-12	0.3	1
83	The impact of laser scanning on zirconia coating and shear bond strength using veneer ceramic material. <i>Dental Materials Journal</i> , 2019 , 38, 452-463	2.5	6
82	Shear Bond Strength Between Zirconia and Veneer Ceramic: Effect of Thermocycling and Laser Treatment. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019 , 37, 434-441	2.8	2
81	Zirconia ceramic fixed partial dentures after cyclic fatigue tests and clinical evaluation: a systematic review. <i>Advances in Applied Ceramics</i> , 2019 , 118, 62-69	2.3	2
80	Repairing fractured ceramic veneer with CAD/CAM ceramic blocks: a preliminary tensile bond strength study. <i>Materials Technology</i> , 2019 , 34, 43-50	2.1	
79	Analysis of Surface Roughness, Fracture Toughness, and Weibull Characteristics of Different Framework-Veneer Dental Ceramic Assemblies after Grinding, Polishing, and Glazing. <i>Journal of Prosthodontics</i> , 2019 , 28, e216-e221	3.9	6
78	Influence of Core-Veneer Thickness Ratio on the Fracture Load and Failure Mode of Zirconia Crowns. <i>Journal of Prosthodontics</i> , 2019 , 28, 209-215	3.9	9
77	Prosthodontics dental materials: From conventional to unconventional. <i>Materials Science and Engineering C</i> , 2020 , 106, 110167	8.3	15
76	Evaluation of fracture strength for single crowns made of the different types of lithium disilicate glass-ceramics. <i>Odontology / the Society of the Nippon Dental University</i> , 2020 , 108, 231-239	3.6	4
75	Does Diamond Stone Grinding Change the Surface Characteristics and Flexural Strength of Monolithic Zirconia?. <i>Operative Dentistry</i> , 2020 , 45, 318-326	2.9	3
74	Clinical evaluation of the fit of lithium disilicate crowns fabricated with three different CAD-CAM systems. <i>Journal of Prosthetic Dentistry</i> , 2020 ,	4	1

73	Effect of time period on biaxial strength for different Y-TZP veneering porcelains. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020 , 32, 505-511	3.5	1
72	Impact of Coping Veneering Techniques on the Survival of Implant-Supported Zirconia-Based-Crowns Cemented to Hybrid-Abutments: An-In-Vitro Study. <i>Bioengineering</i> , 2020 , 7,	5.3	1
71	High bonding strength between zirconia and composite resin based on combined surface treatment for dental restorations. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2020 , 18, 2280800020928655	1.8	0
70	Full Issue PDF. <i>Operative Dentistry</i> , 2020 , 45, 229-C4	2.9	2
69	A Comprehensive Review on Manufacturing Methods and Characterization of Al6061 Composites. <i>Materials Today: Proceedings</i> , 2020 , 22, 2597-2605	1.4	2
68	Load bearing capacity and Weibull characteristics of inlay-retained resin-bonded fixed dental prosthesis made of all-ceramic, fiber-reinforced composite and metal-ceramic after cyclic loading. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 109, 103855	4.1	1
67	Annealing induced structural evolution in feldspar dental glass-ceramics investigated by solid-state NMR spectroscopy. <i>Journal of Solid State Chemistry</i> , 2020 , 289, 121501	3.3	0
66	Fracture toughness of zirconia with a nanometer size notch fabricated using focused ion beam milling. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 3323-3330	3.5	2
65	In Situ Synthesized Particulates on a Zirconia Ceramic Surface and Their Effect on Bonding to Porcelain. <i>International Journal of Prosthodontics</i> , 2021 , 34, 463-472	1.9	1
64	A simple 3-point flexural method for measuring fracture toughness of the dental porcelain to zirconia bond and other brittle bimaterial interfaces. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 391-396	4.3	1
63	Clinical and Radiological Evaluation of Marginal Bone Loss around Dental Implants Restored with Zirconium vis-à-vis Porcelain Fused to Metal: An In Vivo Study. <i>Dental Journal of Advance Studies</i> , 2020 , 08, 17-21	0.3	
62	Monolithic Zirconia Partial Coverage Restorations: An In Vitro Mastication Simulation Study. <i>Journal of Prosthodontics</i> , 2021 , 30, 76-82	3.9	3
61	Effect of surface treatment with potassium hydrogen difluoride and ammonium hydrogen difluoride on bond strength between layered veneering porcelain and zirconia. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 105, 102777	3.4	0
60	Prospective Clinical Evaluation of Posterior Monolithic Zirconia Fixed Partial Dentures Using a Complete Digital Workflow: Two-Year Follow-Up. <i>Journal of Prosthodontics</i> , 2021 , 30, 298-304	3.9	5
59	Effect of different laser treatments on the shear bond strength of zirconia ceramic to resin cement. <i>Dental Research Journal</i> , 2021 , 18, 56	0.8	0
58	The marginal and internal discrepancy of zirconia coping milled by two computer-aided design-computer-aided manufacturing systems. <i>Journal of Indian Prosthodontic Society, The</i> , 2021 , 21, 192-197	1.2	
57	Effects of Different Laser Treatments on Some Properties of the Zirconia-Porcelain Interface. <i>Journal of Lasers in Medical Sciences</i> , 2021 , 12, e2	1.6	2
56	Evaluation of Efficacy of Various Surface Conditioning Methods on the Repair Bond Strength of Composite to Different Fracture Types of Zirconia Ceramics. <i>Scanning</i> , 2021 , 2021, 5537761	1.6	0

55	Effects of shade and thickness on the translucency parameter of anatomic-contour zirconia, transmitted light intensity, and degree of conversion of the resin cement. <i>Journal of Prosthetic Dentistry</i> , 2021 ,	4	4
54	Effect of additional pressing on the color and translucency of pressable ceramic materials: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2021 , 126, 588.e1-588.e5	4	0
53	The effect of different blade designs on shear bond strength of veneering ceramics fused to zirconia. <i>Journal of the Australian Ceramic Society</i> , 1	1.5	1
52	Pulpal and Periapical Status of the Vital Teeth Used as Abutment for Fixed Prosthesis-A Systematic Review and Meta-Analysis. <i>Journal of Prosthodontics</i> , 2021 ,	3.9	0
51	Residual Stress in Ceramic Zirconia-Porcelain Crowns by Nanoindentation. <i>Ceramic Engineering and Science Proceedings</i> , 67-76	0.1	3
50	Masticatory Loading and Oral Environment Simulation in Testing Lithium Disilicate Restorations: A Structured Review. <i>Advanced Structured Materials</i> , 2015 , 189-215	0.6	1
49	Evaluation of zirconia surface roughness after aluminum oxide airborne-particle abrasion and the erbium-YAG, neodymium-doped YAG, or CO lasers: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2019 , 121, 895-903.e2	4	10
48	A comparative evaluation of fracture load of monolithic and bilayered zirconia crowns with and without a cervical collar: an in vitro study. <i>Medicine and Pharmacy Reports</i> , 2019 , 92, 172-177	1.5	2
47	New Knowledge about Zirconium-Ceramic as a Structural Material in Fixed Prosthodontics. <i>Acta Stomatologica Croatica</i> , 2015 , 49, 137-44	1.4	6
46	The zirconia ceramic: strengths and weaknesses. <i>Open Dentistry Journal</i> , 2014 , 8, 33-42	0.8	59
45	Comparison of three-dimensional digital technique with two-dimensional replica method for measuring marginal and internal fit of full coverage restorations. <i>Journal of Advanced Prosthodontics</i> , 2020 , 12, 173-180	2.2	1
44	Comparison of shear bond strength of two veneering ceramics to zirconia. <i>Dental Research Journal</i> , 2012 , 9, 628-33	0.8	5
43	Effect of ceramic cooling protocols and zirconia coloring on fracture load of zirconia-based restorations. <i>Dental Research Journal</i> , 2018 , 15, 17-24	0.8	1
42	Comparative evaluation of shear bond strengths of veneering porcelain to base metal alloy and zirconia substructures before and after aging - An in vitro study. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2015 , 5, S74-81	1.1	3
41	An study to compare the surface roughness of glazed and chairside polished dental monolithic zirconia using two polishing systems. <i>Journal of Indian Prosthodontic Society, The</i> , 2020 , 20, 186-192	1.2	6
40	A comparative evaluation of shear bond strength between feldspathic porcelain and lithium di silicate ceramic layered to a zirconia core- An study. <i>Journal of Clinical and Experimental Dentistry</i> , 2020 , 12, e1039-e1044	1.4	1
39	An Overview of the Current Survival Status and Clinical Recommendation for Porcelain Fused to Metal vs All-ceramic Zirconia Posterior Fixed Partial Dentures. <i>World Journal of Dentistry</i> , 2017 , 8, 145-150	0.2	1
38	Zirconia Crown as Single Unit Tooth Restoration: A Literature Review. <i>Journal of Contemporary Dental Practice</i> , 2016 , 17, 418-22	0.7	12

37	Shear Bond Strength of Ceramic Bonded to Different Core Materials and Their Pattern of Failure: An In Vitro Study. <i>Cureus</i> , 2019 , 11, e6242	1.2	1
36	Influence of the Connector Area on the Chipping Rate of the VM9 Veneering Ceramic in a Posterior Four-Unit Yttria-Stabilized Tetragonal Zirconia Polycrystal Fixed Dental Prostheses: A Pilot Study. <i>European Journal of General Dentistry</i> ,	0.2	0
35	Effect of specimen preparation method on the microtensile bond strength of veneering ceramic to zirconia. <i>The Journal of Korean Academy of Prosthodontics</i> , 2011 , 49, 114	0.2	
34	Effect of Collar Height in Zirconia Copings on The Fracture Strength of Veneering Porcelain. <i>Annals of Japan Prosthodontic Society</i> , 2012 , 4, 411-418	0	
33	A comparative study on the fracture behavior of zirconia, glass infiltrated alumina and PFM full crown system. <i>The Journal of Korean Academy of Prosthodontics</i> , 2012 , 50, 235	0.2	
32	Evidence Base for Case 10.2 (Mr Graeme S). 402-405		
31	Efecto del liner en la resistencia adhesiva de cerámica feldespática a la zirconia utilizando protocolo de enfriamiento lento. <i>Revista De La Facultad De Odontologia Universidad De Antioquia</i> , 2015 , 27,	0.3	
30	Effect of thermo-cycling and repeated loading on the mechanical properties of all ceramic restorations. <i>Cilgwa Giljae Haghoeji - Daehan Cilgwa Giljae Haghoe</i> , 2015 , 42, 173		
29	Shear Bond Strength of Veneering Ceramics to Different Core Materials. <i>Korean Journal of Dental Materials</i> , 2016 , 43, 121-130	0.3	
28	DİHEKİM LİPRATİDE ZİRKONYUM ve UYGULAMALARINA PANORAMİK BAKI Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 534-534		
27	DEĞERİNTEMLERLE HAZIRLANAN METAL ALT YAPILAR ÜZERİNDEKİ VENEER PORSELENLERİN KIRILMA DİRENÇİNE FARKLI KENAR BİTİM EKİMLERİNİN ETKİSİNİN İNCELENMESİ Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 465-465		
26	Clinical study on the success of posterior monolithic zirconia crowns and fixed dental prostheses: preliminary report. <i>Acta Odontologica Turcica</i> ,	0.1	
25	Farklı yüzey işlemlerinin zirkonyanın aşınma hızına etkisi. <i>Selcuk Dental Journal</i> ,		
24	Farklı yüzey işlemleri ve hızlandırılmış yapay Yaşlandırmanın Monolitik Seramik Sistemlerin Yüzey Pürüzlülüğü ve Topografisi Üzerine Etkileri. <i>Selcuk Dental Journal</i> ,		0
23	FARKLI İRİKLİK VE KALINLIKTAKİ TAM SERAMİK RESTORASYONLARIN TRANSLÜSENTLİK DEĞERLERİNİN KARŞILAŞTIRILMASI. <i>Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi</i> , 124-130		
22	Comparison of Adhesion of a Novel Pre-sintered Cobalt-Chromium to Pre-sintered Zirconia and Cast Nickel-Chromium. <i>Journal of Contemporary Dental Practice</i> , 2018 , 19, 816-823	0.7	0
21	TAM-ARK İMPLANT-DESTEKLİ MONOLİTİK ZİRKONYA SABİT DENTAL PROTEZLER: LİTERATÜR DERLEMESİ Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 160-167		
20	KADEMELİK-TABAKALI/ÖK RENKLİ ANATOMİK KONTUR ZİRKONYA SERAMİK SİSTEMLERİNE SABİT DENTAL PROTEZ UYGULANMASI. <i>Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi</i> , 112-116		

19	Review of clinical studies applying yttrium tetragonal zirconia polycrystal-based esthetic dental restoration. <i>Journal of Korean Academy of Dental Technology</i> , 2020 , 42, 307-312	0.3	
18	Shear Bond Strength of the Metal Bracket to Zirconium Ceramic Restoration Treated by the Nd: YAG Laser and Other Methods: An In Vitro Microscopic Study. <i>Journal of Lasers in Medical Sciences</i> , 2020 , 11, 411-416	1.6	2
17	CURRENT STATE OF APPLIANCE ZIRCONIUM DIOXIDE IN BIOENGINEERING. <i>Technology Transfer Fundamental Principles and Innovative Technical Solutions</i> , 2020 , 4, 39-42	0	
16	Strength of zirconia fixed partial dentures: review of the literature. <i>ORAL and Implantology</i> , 2010 , 3, 15-24		16
15	Shear Bond Strength of Porcelain to a Base-Metal Compared to Zirconia Core. <i>Journal of Dental Biomaterials</i> , 2017 , 4, 367-372		
14	Fatigue Fracture Strength of Implant-Supported Full Contour Zirconia and Metal Ceramic Fixed Partial Dentures. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2017 , 14, 165-172		1
13	The Effect of Sintering Program on the Compressive Strength of Zirconia Copings. <i>Journal of Dentistry</i> , 2018 , 19, 206-211	0.5	1
12	Effect of different laser treatments on the shear bond strength of zirconia ceramic to resin cement. <i>Dental Research Journal</i> , 2021 , 18, 56	0.8	
11	Prospective Clinical Evaluation of Posterior Third-Generation Monolithic Zirconia Crowns Fabricated with Complete Digital Workflow: Two-Year Follow-Up.. <i>Materials</i> , 2022 , 15,	3.5	2
10	A Shift to Synergistic Surface Treatment Using Laser to Enhance the Bonding of Zirconia to Veneering Ceramic: An In Vitro Study. <i>Journal of Contemporary Dental Practice</i> , 2022 , 23, 37-42	0.7	
9	Do tooth-supported zirconia restorations present more technical failures related to fracture or loss of retention? Systematic review and meta-analysis. <i>Clinical Oral Investigations</i> ,	4.2	1
8	Cement selection criteria for different types of intracanal posts. <i>Dental Research Journal</i> , 2022 , 19, 51	0.8	
7	The Effect of Abutment Angulation and Crown Material Compositions on Stress Distribution in 3-Unit Fixed Implant-Supported Prosthesis: A Finite Element Analysis. 2022 , 2022, 1-8		0
6	Restoring Teeth with an Advanced Lithium Disilicate Ceramic: A Case Report and 1-Year Follow-Up. 2022 , 2022, 1-11		0
5	The Effect of Super-Hydrophilic Treatment on Zirconia Implant Osseointegration in Rats. 2022 , 31, 223-230		0
4	Zirkoniumoxid. 2008 , 118,		0
3	Survey of the mechanical and physical behaviors of yttria-stabilized zirconia from multiple dental laboratories. 2023 , 2, 100018		0
2	Zircon Concentrate Enrichment by Dry Magnetic Separation and Centrifugal Air Separation. 2023 , 13, 397		0

- 1 Shear bond strength of porcelain to milled and stereolithography additively manufactured zirconia with and without surface treatment: An in vitro study. **2023**, o