Josephine Esquivel-Upshaw

List of Publications by Year
in descending order

37 papers	573 citations	623699 14 h-index	642715 23 g-index
37 all docs	37 docs citations	37 times ranked	551 citing authors

#	Article	IF	Citations
1	Three-Dimensional Finite Element Analysis of Different Connector Designs for All-Ceramic Implant-Supported Fixed Dental Prostheses. Ceramics, 2022, 5, 34-43.	2.6	4
2	Digital biosensor for human cerebrospinal fluid detection with single-use sensing strips. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2022, 40, .	1.2	3
3	Rapid SARS-CoV-2 diagnosis using disposable strips and a metal-oxide-semiconductor field-effect transistor platform. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2022, 40, 023204.	1.2	4
4	Color perceptibility and validity of silicon carbideâ€“based protective coatings for dental ceramics. Journal of Prosthetic Dentistry, 2021, , .	2.8	0
5	Novel Coatings to Minimize Corrosion of Titanium in Oral Biofilm. Materials, 2021, 14, 342.	2.9	6
6	Forensic and reliability analyses of fixed dental prostheses. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1360-1368.	3.4	2
7	Three-Dimensional Finite Element Analysis of the Veneerâ€”Framework Thickness in an All-Ceramic Implant Supported Fixed Partial Denture. Ceramics, 2021, 4, 199-207.	2.6	4
8	Fast SARS-CoV-2 virus detection using disposable cartridge strips and a semiconductor-based biosensor platform. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2021, 39, 033202.	1.2	14
9	Qualitative Analysis of Remineralization Capabilities of Bioactive Glass (NovaMin) and Fluoride on Hydroxyapatite (HA) Discs: An In Vitro Study. Materials, 2021, 14, 3813.	2.9	9
10	Nanostructured Surfaces to Promote Osteoblast Proliferation and Minimize Bacterial Adhesion on Titanium. Materials, 2021, 14, 4357.	2.9	12
11	In Vitro Corrosion of SiC-Coated Anodized Ti Nano-Tubular Surfaces. Journal of Functional Biomaterials, 2021, 12, 52.	4.4	2
12	Retrospective analysis of survival rates of post-and-cores in a dental school setting. Journal of Prosthetic Dentistry, 2020, 123, 434-441.	2.8	25
13	Finite Element Analysis (FEA) of Palatal Coverage on Implant Retained Maxillary Overdentures. Applied Sciences (Switzerland), 2020, 10, 6635.	2.5	2
14	Novel methodology for measuring intraoral wear in enamel and dental restorative materials. Clinical and Experimental Dental Research, 2020, 6, 677-685.	1.9	11
15	Demonstration of a SiC Protective Coating for Titanium Implants. Materials, 2020, 13, 3321.	2.9	24
16	Effect of pH Cycling Frequency on Glassâ€“Ceramic Corrosion. Materials, 2020, 13, 3655.	2.9	5
17	Titanium Corrosion in Peri-Implantitis. Materials, 2020, 13, 5488.	2.9	16
18	Hydroxyapatite Formation on Coated Titanium Implants Submerged in Simulated Body Fluid. Materials, 2020, 13, 5593.	2.9	7

#	Article	IF	Citations
19	The Galvanic Effect of Titanium and Amalgam in the Oral Environment. Materials, 2020, 13, 4425.	2.9	0
20	Factors influencing the survival of implant-supported ceramic-ceramic prostheses: A randomized, controlled clinical trial. Journal of Dentistry, 2020, 103, 100017.	4.1	9
21	Annealing and N2 Plasma Treatment to Minimize Corrosion of SiC-Coated Glass-Ceramics. Materials, 2020, 13, 2375.	2.9	5
22	Novel Coatings to Minimize Bacterial Adhesion and Promote Osteoblast Activity for Titanium Implants. Journal of Functional Biomaterials, 2020, 11, 42.	4.4	18
23	Novel Coating to Minimize Corrosion of Glass-Ceramics for Dental Applications. Materials, 2020, 13, 1215.	2.9	16
24	Anti-Bacterial Properties and Biocompatibility of Novel SiC Coating for Dental Ceramic. Journal of Functional Biomaterials, 2020, 11, 33.	4.4	19
25	Effect of carbamide peroxide bleaching on enamel characteristics and susceptibility to further discoloration. Journal of Prosthetic Dentistry, 2019, 121, 340-346.	2.8	35
26	Antibacterial Properties of Charged TiN Surfaces for Dental Implant Application. ChemistrySelect, 2019, 4, 9185-9189.	1.5	10
27	Demonstration of SiO₂/SiCâ€based protective coating for dental ceramic prostheses. Journal of the American Ceramic Society, 2019, 102, 6591-6599.	3.8	12
28	Cover Image. Journal of Oral Rehabilitation, 2019, 46, i-i.	3.0	1
29	Comprehensive analysis of laserscanner validity used for measurement of wear. Journal of Oral Rehabilitation, 2019, 46, 503-510.	3.0	2
30	Periâ€implant complications for posterior endosteal implants. Clinical Oral Implants Research, 2015, 26, 1390-1396.	4.5	6
31	Randomized Clinical Trial of Implantâ€Supported Ceramicâ€“Ceramic and Metalâ€“Ceramic Fixed Dental Prostheses: Preliminary Results. Journal of Prosthodontics, 2014, 23, 73-82.	3.7	38
32	Fracture analysis of randomized implant-supported fixed dental prostheses. Journal of Dentistry, 2014, 42, 1335-1342.	4.1	18
33	Randomized, Controlled Clinical Trial of Bilayer Ceramic and Metalâ€Ceramic Crown Performance. Journal of Prosthodontics, 2013, 22, 166-173.	3.7	41
34	Three years in vivo wear: Core-ceramic, veneers, and enamel antagonists. Dental Materials, 2012, 28, 615-621.	3.5	59
35	Comparative reliability analyses of zirconium oxide and lithium disilicate restorations in vitro and in vivo. Journal of the American Dental Association, 2011, 142, 4S-9S.	1.5	76
36	Four-year clinical performance of a lithia disilicate-based core ceramic for posterior fixed partial dentures. International Journal of Prosthodontics, 2008, 21, 155-60.	1.7	24

#	Article	IF	Citations
37	In vivo wear of enamel by a lithia disilicate-based core ceramic used for posterior fixed partial dentures: first-year results. International Journal of Prosthodontics, 2006, 19, 391-6.	1.7	34