

# Marioara Moldovan

## List of Publications by Year in descending order

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105  
papers

855  
citations

567144

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610775

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107  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of laser parameters on additively manufactured cobalt-chromium restorations. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 421-429.	1.1	2
2	Structural Changes in Resin-Based Composites in Saliva of Patients with Leukemia before Starting Chemotherapeutic Regimen. <i>Polymers</i> , 2022, 14, 569.	2.0	0
3	Development of New Experimental Dental Enamel Resin Infiltrants—Synthesis and Characterization. <i>Materials</i> , 2022, 15, 803.	1.3	6
4	Photodynamic Therapy (PDT) in Prosthodontics: Disinfection of Human Teeth Exposed to <i>Streptococcus mutans</i> and the Effect on the Adhesion of Full Ceramic Veneers, Crowns, and Inlays: An In Vitro Study. <i>Biomedicines</i> , 2022, 10, 144.	1.4	2
5	Photodynamic Therapy with Natural Photosensitizers in the Management of Periodontal Disease Induced in Rats. <i>Gels</i> , 2022, 8, 134.	2.1	7
6	Various Aspects Involved in the Study of Tooth Bleaching Procedure: A Questionnaire-Based Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3977.	1.2	8
7	New Composite Hydrogel Based on Whey and Gelatin Crosslinked with Copper Sulphate. <i>Materials</i> , 2022, 15, 2611.	1.3	5
8	Comparative Evaluation of Two Bracket Systems—Kinetic Friction: Conventional and Self-Ligating. <i>Materials</i> , 2022, 15, 4304.	1.3	5
9	Properties Evolution of Some Hydraulic Mortars Incorporating Graphene Oxides. <i>Buildings</i> , 2022, 12, 864.	1.4	3
10	The evaluation of heavy metals in transylvania, as predictor for the health status of the exposed population. <i>Environmental Geochemistry and Health</i> , 2021, 43, 585-599.	1.8	3
11	Synthesis and characterization of graphene oxide-zirconia (GO-ZrO <sub>2</sub> ) and hydroxyapatite-zirconia (HA-ZrO <sub>2</sub> ) nano-fillers for resin-based composites for load-bearing applications. <i>Journal of Dentistry</i> , 2021, 105, 103557.	1.7	10
12	Electrospun Membranes Based on Polycaprolactone, Nano-Hydroxyapatite and Metronidazole. <i>Materials</i> , 2021, 14, 931.	1.3	10
13	Dental Sealant Composition-Retention Assessment in Young Permanent Molars. <i>Materials</i> , 2021, 14, 1646.	1.3	0
14	The Side Effects of Therapeutic Radioiodine-131 on the Structure of Enamel and Dentin in Permanent Human Teeth. <i>Biology</i> , 2021, 10, 284.	1.3	1
15	Adhesion between Biocomposites and Different Metallic Structures Additive Manufactured. <i>Coatings</i> , 2021, 11, 483.	1.2	2
16	In-Vitro Comparative Adhesion Evaluation of Bioceramic and Dual-Cure Resin Endodontic Sealers Using SEM, AFM, Push-Out and FTIR. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4454.	1.3	5
17	Water Sorption and Solubility of Flowable Gionomers. <i>Materials</i> , 2021, 14, 2399.	1.3	6
18	Association of Graphene Silver Polymethyl Methacrylate (PMMA) with Photodynamic Therapy for Inactivation of Halitosis Responsible Bacteria in Denture Wearers. <i>Nanomaterials</i> , 2021, 11, 1643.	1.9	11

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19	The Influence of Enzymatic Hydrolysis of Whey Proteins on the Properties of Gelatin-Whey Composite Hydrogels. <i>Materials</i> , 2021, 14, 3507.	1.3	11
20	Marginal Adaptation Assessment for Two Composite Layering Techniques Using Dye Penetration, AFM, SEM and FTIR: An In-Vitro Comparative Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5657.	1.3	6
21	Surface Characteristics, Fluoride Release and Bond Strength Evaluation of Four Orthodontic Adhesives. <i>Materials</i> , 2021, 14, 3578.	1.3	3
22	Comparative In Vitro Studies on the Effect of Bleaching Agents on Dental Structures in Healthy and Predialysis Patients. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7807.	1.3	1
23	Research on the Mechanical Properties, Fluoride and Monomer Release of a New Experimental Flowable Giomer in Comparison to Three Commercial Flowable Gomers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8921.	1.3	1
24	An Evaluation of the Demineralizing Effects of Various Acidic Solutions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8270.	1.3	4
25	Evaluation of Novel Ornamental Cladding Resistance, Comprised of GFRP Waste and Polyester Binder, within an Acid Environment. <i>Polymers</i> , 2021, 13, 448.	2.0	1
26	New and Recovered Temporary Anchorage Devices, In Vitro Assessment of Structural and Surface Properties. <i>Materials</i> , 2021, 14, 6271.	1.3	1
27	Preparation and In Vitro Characterization of Gels Based on Bromelain, Whey and Quince Extract. <i>Gels</i> , 2021, 7, 191.	2.1	5
28	Characteristics of Dental Resin-Based Composites in Leukemia Saliva: An In Vitro Analysis. <i>Biomedicines</i> , 2021, 9, 1618.	1.4	2
29	Synthesis and Characterization of Some Graphene Oxide Powders Used as Additives in Hydraulic Mortars. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11330.	1.3	20
30	Effects of Monomer Composition of Urethane Methacrylate Based Resins on the C=C Degree of Conversion, Residual Monomer Content and Mechanical Properties. <i>Polymers</i> , 2021, 13, 4415.	2.0	14
31	Flexural strength, biocompatibility, and antimicrobial activity of a polymethyl methacrylate denture resin enhanced with graphene and silver nanoparticles. <i>Clinical Oral Investigations</i> , 2020, 24, 2713-2725.	1.4	58
32	Assessment and Characterization of Some New Photosensitizers for Antimicrobial Photodynamic Therapy (aPDT). <i>Materials</i> , 2020, 13, 3012.	1.3	14
33	Disorders of Dental Hard Tissues Induced by Radioiodine-131 (I-131) Therapy Used in Differentiated Thyroid Cancer: An In Vitro Study. <i>Biomedicines</i> , 2020, 8, 475.	1.4	3
34	New Antimicrobial Biomaterials for the Reconstruction of Craniofacial Bone Defects. <i>Coatings</i> , 2020, 10, 678.	1.2	1
35	Evaluation of Surface Characteristics and Cytotoxicity of Dental Composites. <i>Coatings</i> , 2020, 10, 749.	1.2	1
36	Systemic and Local Biocompatibility Assessment of Graphene Composite Dental Materials in Experimental Mandibular Bone Defect. <i>Materials</i> , 2020, 13, 2511.	1.3	17

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37	Influence of Filler Loading on the Mechanical Properties of Flowable Resin Composites. <i>Materials</i> , 2020, 13, 1477.	1.3	35
38	Antimicrobial Activity and the Effect of Green Tea Experimental Gels on Teeth Surfaces. <i>Coatings</i> , 2020, 10, 537.	1.2	7
39	On the Apparent Redox Reactivity of "Oxygen-Enriched Water": <i>Biological Trace Element Research</i> , 2020, 198, 350-358.	1.9	1
40	Surface characterization and cytotoxicity analysis of the titanium alloys for dentistry. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 149-162.	0.1	1
41	Antimicrobial activity and chemical composition of two experimental gels based on essential oils. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 57-67.	0.1	0
42	Preliminary Study on Scanning Electron Microscopy as an Additional Mean to Assess the Effectiveness of Sterilization of Endoscopes Used in Digestive Tract Examination. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 280-287.	0.2	0
43	Hybrid Dental Composites Biomechanical Properties. <i>Materiale Plastice</i> , 2020, 57, 70-80.	0.4	1
44	NMR T <sub>1</sub> vs T <sub>2</sub> correlation analysis of molecular absorption inside a hardened cement paste containing silanised silica fume. <i>Molecular Physics</i> , 2019, 117, 1000-1005.	0.8	4
45	Toothpaste Composition Effect on Enamel Chromatic and Morphological Characteristics: In Vitro Analysis. <i>Materials</i> , 2019, 12, 2610.	1.3	10
46	Evaluation of the biocompatibility of resin composite-based dental materials with gingival mesenchymal stromal cells. <i>Microscopy Research and Technique</i> , 2019, 82, 1768-1778.	1.2	11
47	Investigations on the adhesion of new composites for restoring cervical lesions using energy dispersive X-ray analysis and scanning electron microscopy. <i>Scientific Reports</i> , 2019, 9, 9853.	1.6	5
48	Preparation and Characterization of Natural Bleaching Gels Used in Cosmetic Dentistry. <i>Materials</i> , 2019, 12, 2106.	1.3	12
49	Evaluation of the Degree of Conversion, Residual Monomers and Mechanical Properties of Some Light-Cured Dental Resin Composites. <i>Materials</i> , 2019, 12, 2109.	1.3	87
50	The Influence of Graphene in Improvement of Physico-Mechanical Properties in PMMA Denture Base Resins. <i>Materials</i> , 2019, 12, 2335.	1.3	47
51	New Pre-reacted Glass Containing Dental Composites (gioners) with Improved Fluoride Release and Biocompatibility. <i>Materials</i> , 2019, 12, 4021.	1.3	19
52	Comparative apical sealing evaluation of two bioceramic endodontic sealers. <i>Medicine and Pharmacy Reports</i> , 2019, 92, S55-S60.	0.2	2
53	Solubility, ductility and resilience of a PMMA denture resin with graphene and silver nanoparticles addition. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 471-481.	0.1	3
54	Radiopacity analysis of some chairside computer-aided design-computer-aided manufacturing milling materials. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 161-172.	0.1	0

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55	"Determination of nitrate and nitrite content in Zonar milk serum and derived dairy drinks using ion-pair reversed-phase high performance liquid chromatography ". Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 197-206.	0.1	1
56	Stability of Dental Composites in Water and Artificial Saliva. Materiale Plastice, 2019, 57, 57-66.	0.4	4
57	Multivariate Assessment of Marginal Fit Concerning Two Types of Dental Inlays Obtained Through Two CAD-CAM Technology Scanning Methods - an in vitro Follow-up Study. Revista De Chimie (discontinued), 2019, 70, 3136-3141.	0.2	1
58	Remineralization products effect on human enamel in vitro study. Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 107-119.	0.1	0
59	Graphene/TiO <sub>2</sub> -Ag Based Composites Used as Sensitive Electrode Materials for Amaranth Electrochemical Detection and Degradation. Journal of the Electrochemical Society, 2018, 165, B3054-B3059.	1.3	17
60	Sensitive detection of hydroquinone using exfoliated graphene-Au/glassy carbon modified electrode. Nanotechnology, 2018, 29, 095501.	1.3	14
61	Synthesis, morpho-structural properties and antibacterial effect of silicate-based composites containing graphene oxide/hydroxyapatite. Materials Chemistry and Physics, 2018, 217, 48-53.	2.0	35
62	In vitro Evaluation of Accuracy of Single Dies Captured by Two Intraoral Digital Scanners. Materiale Plastice, 2018, 55, 176-178.	0.4	3
63	Multivariate Assessment of Marginal Fit of Three Types of Dental Crowns Using Three Scanning Systems for CAD-CAM Technology - in vitro Pilot Study. Materiale Plastice, 2018, 55, 376-379.	0.4	3
64	Hydrodesulphurization of Thiophenes over CoMoRe/ ZSM 5gamma-Al <sub>2</sub> O <sub>3</sub> Catalyst. Revista De Chimie (discontinued), 2018, 69, 1386-1390.	0.2	2
65	Evaluation of Surface Modification of PA 2200 Parts Made by Selective Laser Sintering Process. Revista De Chimie (discontinued), 2018, 69, 886-889.	0.2	1
66	In Vitro Testing of a Polylactic Polymer Synthesized from Whey. Studia Universitatis Babes-Bolyai Chemia, 2018, 63, 93-104.	0.1	0
67	Toxicity and efficiency study of plant extracts-based bleaching agents. Clinical Oral Investigations, 2017, 21, 1315-1326.	1.4	17
68	A Study on Revealing Agents in the Context of Photodynamic Therapy in Dental Medicine - A Literature Review. Defect and Diffusion Forum, 2017, 376, 54-65.	0.4	6
69	SEM Analysis of the Interface of Five Adhesive Systems. Key Engineering Materials, 2017, 752, 18-23.	0.4	0
70	Characterization polyethylene terephthalate nanocomposites mixing with nano-silica and titanium oxide. MATEC Web of Conferences, 2017, 137, 08005.	0.1	1
71	COMPARATIVE RADIOGRAPHIC ASSESSMENT OF A NEW BIOCERAMIC-BASED ROOT CANAL SEALER. Medicine and Pharmacy Reports, 2017, 90, 226-230.	0.2	5
72	Effect of PEG Content on the Mechanical Properties of Bis-GMA/TEGDMA/UDMA Dental Resin Composites. Key Engineering Materials, 2017, 752, 3-10.	0.4	2

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73	Effect of Curcumin on Oxidative Stress in a Model of Turpentine Induced Acute Experimental Inflammation. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 65-74.	0.5	3
74	The influence of minerals and lactose content on the stability of whey protein powders. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 397-410.	0.1	1
75	Comparison of Shear Bond Strength and Adhesive Remnant Index of Brackets Bonded with Two Types of Orthodontic Adhesives. <i>Materiale Plastice</i> , 2017, 54, 141-144.	0.4	1
76	In vitro Testing of Experimental and Commercial Bracket Bonding Materials. <i>Materiale Plastice</i> , 2017, 54, 620-625.	0.4	2
77	Enamel Appearance after Orthodontic Attachment Removal. In vitro SEM analysis. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 125-127.	0.2	1
78	Scattering, absorption and transmittance of experimental graphene dental nanocomposites. , 2017, , .		0
79	Optical properties and microstructural changes of hard dental tissues in gastro-esophageal reflux disease patients. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 215-223.	0.1	0
80	New functionalized glass fibers employing calixarenic systems. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 381-389.	0.1	0
81	Shade Correspondence, Color, and Translucency Differences between Human Dentine and a CAD/CAM Hybrid Ceramic System. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016, 28, S46-55.	1.8	38
82	<i>In Vitro</i> Chewing Simulation Model Influence on the Adhesive-Tooth Structure Interface. <i>Key Engineering Materials</i> , 2016, 695, 77-82.	0.4	3
83	ATR technique, an appropriate method for determining the degree of conversion in dental comomers. <i>Measurement Science and Technology</i> , 2016, 27, 124008.	1.4	6
84	Cytotoxicity of Experimental Resin Composites on Mesenchymal Stem Cells Isolated from Two Oral Sources. <i>Microscopy and Microanalysis</i> , 2016, 22, 1018-1033.	0.2	13
85	The nanofiller effect on properties of experimental graphene dental nanocomposites. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 1779-1794.	1.4	26
86	Structural and morphological properties of HA-ZnO powders prepared for biomaterials. <i>Open Chemistry</i> , 2015, 13, .	1.0	11
87	Testing antiplatelet and antioxidant activity of the extract of seven varieties of <i>Allium cepa</i> L.. <i>Open Life Sciences</i> , 2015, 10, .	0.6	2
88	Effect on Adhesion to Tooth Structure for some Experimental Dental Adhesive System. <i>Key Engineering Materials</i> , 2014, 614, 100-104.	0.4	0
89	Translucence Study through New Experimental Hybrid Composites. <i>Key Engineering Materials</i> , 2014, 614, 148-154.	0.4	0
90	Hydrolytic Degradation of Dental Composites. <i>Key Engineering Materials</i> , 2014, 614, 113-117.	0.4	2

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91	Testing endodontic sealers on human umbilical vein endothelial cells. <i>Open Medicine (Poland)</i> , 2013, 8, 523-529.	0.6	0
92	Investigation of thermal and catalytic degradation of polystyrene waste into styrene monomer over natural volcanic tuff and Florisil catalysts. <i>Open Chemistry</i> , 2013, 11, 725-735.	1.0	9
93	Obtaining and Characterizing Alginate/k-Carrageenan Hydrogel Cross-Linked with Adipic Dihydrazide. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-12.	1.0	16
94	Biology and cytotoxicity of dental materials: an in vitro study. <i>Romanian Journal of Morphology and Embryology</i> , 2013, 54, 261-5.	0.4	9
95	Assessing the biocompatibility of a dental composite product. <i>Romanian Journal of Morphology and Embryology</i> , 2013, 54, 321-6.	0.4	3
96	Influence of inorganic filler content on the radiopacity of dental resin cements. <i>Dental Materials Journal</i> , 2012, 31, 266-272.	0.8	31
97	Characterisation of surface organisation and morphology of some new experimental dental resin-based composites. <i>International Journal of Nano and Biomaterials</i> , 2011, 3, 344.	0.1	6
98	Urethane dimethacrylate oligomers for dental composite matrix: Synthesis and properties. <i>Polymer Engineering and Science</i> , 2009, 49, 1127-1135.	1.5	17
99	The characterization of recycled PMMA. <i>Journal of Alloys and Compounds</i> , 2009, 483, 432-436.	2.8	22
100	Synthesis of oligomeric urethane dimethacrylates with carboxylic groups and their testing in dental composites. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1956-1967.	2.5	14
101	Synthesis and properties of polyurethane cationomers with urethane-cholesteryl and dodecylmethylammonium moieties. <i>Designed Monomers and Polymers</i> , 2006, 9, 41-53.	0.7	4
102	Synthesis and Characterization of an Experimental Zn-Hydroxyapatite Powders with Application in Dentistry. <i>Key Engineering Materials</i> , 0, 587, 43-51.	0.4	4
103	Study of some Dental Biomaterials Properties Using an Original Software Application. <i>Key Engineering Materials</i> , 0, 587, 121-127.	0.4	1
104	Antiplatelet Effect of Allium cepa L. Extracts: A Short Review. <i>Key Engineering Materials</i> , 0, 695, 303-308.	0.4	0
105	Analytical Approaches for Characterization of Teeth Whitening Gels Based on Natural Extracts. <i>Key Engineering Materials</i> , 0, 752, 24-28.	0.4	4