

# Reza Fekrazad

## List of Publications by Year in descending order

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158  
papers

2,806  
citations

201575

27  
h-index

276775

41  
g-index

162  
all docs

162  
docs citations

162  
times ranked

3103  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Evaluation of the Occluding Effects of Er;Cr:YSGG, Nd:YAG, CO <sub>2</sub> and Diode Lasers on Dentinal Tubules: A Scanning Electron Microscope <i>In Vitro</i> Study. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 115-121.	2.1	115
2	The effect of 810-nm low-level laser therapy on pain caused by orthodontic elastomeric separators. <i>Lasers in Medical Science</i> , 2014, 29, 559-564.	1.0	114
3	Antimicrobial photodynamic therapy using diode laser activated indocyanine green as an adjunct in the treatment of chronic periodontitis: A randomized clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 93-97.	1.3	88
4	Effect of Photobiomodulation on Mesenchymal Stem Cells. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 533-542.	2.1	67
5	Gold-coated magnetic nanoparticle as a nanotheranostic agent for magnetic resonance imaging and photothermal therapy of cancer. <i>Lasers in Medical Science</i> , 2017, 32, 1469-1477.	1.0	67
6	Photoactivated disinfection using light-emitting diode as an adjunct in the management of chronic periodontitis: a pilot double-blind split-mouth randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2013, 40, 65-72.	2.3	62
7	Photobiomodulation and Antiviral Photodynamic Therapy as a Possible Novel Approach in COVID-19 Management. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 255-257.	0.7	61
8	Photobiomodulation with single and combination laser wavelengths on bone marrow mesenchymal stem cells: proliferation and differentiation to bone or cartilage. <i>Lasers in Medical Science</i> , 2019, 34, 115-126.	1.0	57
9	Photoelimination of <i>Streptococcus mutans</i> with two methods of photodynamic and photothermal therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 626-631.	1.3	52
10	The susceptibility of <i>Streptococcus mutans</i> to antibacterial photodynamic therapy: a comparison of two different photosensitizers and light sources. <i>Journal of Applied Oral Science</i> , 2014, 22, 80-84.	0.7	51
11	Does ultra-pulse CO <sub>2</sub> laser reduce the risk of enamel damage during debonding of ceramic brackets?. <i>Lasers in Medical Science</i> , 2012, 27, 567-574.	1.0	50
12	Oral mucositis prevention and management by therapeutic laser in head and neck cancers. <i>Journal of Lasers in Medical Sciences</i> , 2014, 5, 1-7.	0.4	50
13	The effects of combined low level laser therapy and mesenchymal stem cells on bone regeneration in rabbit calvarial defects. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 180-185.	1.7	44
14	Molecular impacts of photobiomodulation on bone regeneration: A systematic review. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 149, 147-159.	1.4	44
15	The Beneficial Effects of High-Intensity Laser Therapy and Co-Interventions on Musculoskeletal Pain Management: A Systematic Review. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 81-90.	0.4	44
16	Effect of laser photobiomodulation on wound healing and postoperative pain following free gingival graft: A split-mouth triple-blind randomized controlled clinical trial. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 109-114.	1.7	42
17	The effect of an Er,Cr:YSGG laser on the micro-shear bond strength of composite to the enamel and dentin of human permanent teeth. <i>Lasers in Medical Science</i> , 2012, 27, 761-765.	1.0	41
18	Additive effect of a diode laser on the antibacterial activity of 2.5% NaOCl, 2% CHX and MTAD against <i>Enterococcus faecalis</i> contaminating root canals: an in vitro study. <i>Journal of Oral Science</i> , 2011, 53, 355-360.	0.7	39

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19	Inactivation of <i>Aggregatibacter actinomycetemcomitans</i> by two different modalities of photodynamic therapy using Toluidine blue O or Radachlorin as photosensitizers: an in vitro study. <i>Lasers in Medical Science</i> , 2015, 30, 89-94.	1.0	36
20	Evaluation of the effects of CO2 laser on debonding of orthodontics porcelain brackets vs. the conventional method. <i>Lasers in Medical Science</i> , 2011, 26, 563-567.	1.0	35
21	Evaluating the effect of photobiomodulation with a 940-nm diode laser on post-operative pain in periodontal flap surgery. <i>Lasers in Medical Science</i> , 2018, 33, 1639-1645.	1.0	33
22	Probable positive effects of the photobiomodulation as an adjunctive treatment in COVID-19: A systematic review. <i>Cytokine</i> , 2021, 137, 155312.	1.4	33
23	Reconditioning of ceramic orthodontic brackets with an Er,Cr:YSGG laser. <i>Lasers in Medical Science</i> , 2013, 28, 223-228.	1.0	32
24	In vitro photodynamic inactivation of <i>Candida albicans</i> by phenothiazine dye (new methylene blue) and Indocyanine green (EunDoA®). <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 52-57.	1.3	32
25	The Efficacy of Er,Cr:YSGG Laser in Reconditioning of Metallic Orthodontic Brackets. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 41-46.	2.1	30
26	Effect of low-level laser therapy irradiation and Bio-Oss graft material on the osteogenesis process in rabbit calvarium defects: a double blind experimental study. <i>Lasers in Medical Science</i> , 2014, 29, 925-932.	1.0	30
27	Effects of Photobiomodulation and Mesenchymal Stem Cells on Articular Cartilage Defects in a Rabbit Model. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 543-549.	2.1	30
28	Evaluation of the effect of photoactivated disinfection with Radachlorin® against <i>Streptococcus mutans</i> (an in vitro study). <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 249-253.	1.3	29
29	The effect of red, green and blue lasers on healing of oral wounds in diabetic rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 242-245.	1.7	29
30	Histopathological evaluation of pulpotomy with Er,Cr:YSGG laser vs formocresol. <i>Lasers in Medical Science</i> , 2008, 23, 443-450.	1.0	28
31	Photobiomodulation in Oral Medicine. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 837-861.	0.7	27
32	Biological Responses of Stem Cells to Photobiomodulation Therapy. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 400-413.	0.6	27
33	Comparing the effects of root surface scaling with ultrasound instruments and Er,Cr:YSGG laser. <i>Lasers in Medical Science</i> , 2008, 23, 283-287.	1.0	26
34	Photodynamic therapy effect on cell growth inhibition induced by Radachlorin and toluidine blue O on <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> : An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 213-217.	1.3	25
35	Improved Wound Remodeling Correlates with Modulated $TGF\beta$ Expression in Skin Diabetic Wounds Following Combined Red and Infrared Photobiomodulation Treatments. <i>Photochemistry and Photobiology</i> , 2018, 94, 775-779.	1.3	24
36	Photobiomodulation in Temporomandibular Disorders. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 826-836.	0.7	23

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37	Nano Antiviral Photodynamic Therapy: a Probable Biophysicochemical Management Modality in SARS-CoV-2. Expert Opinion on Drug Delivery, 2021, 18, 265-272.	2.4	23
38	Pyogenic Granuloma: Surgical Treatment with Er:YAG Laser. Journal of Lasers in Medical Sciences, 2014, 5, 199-205.	0.4	23
39	Evaluation of acquired acid resistance of enamel surrounding orthodontic brackets irradiated by laser and fluoride application. Lasers in Medical Science, 2014, 29, 1793-1798.	1.0	22
40	The Combination of Laser Therapy and Metal Nanoparticles in Cancer Treatment Originated From Epithelial Tissues: A Literature Review. Journal of Lasers in Medical Sciences, 2016, 7, 62-67.	0.4	22
41	Photobiomodulation in Oral Surgery: A Review. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 814-825.	0.7	22
42	Evaluation of Microtensile Bond Strength of Glass Ionomer Cements to Dentin after Conditioning with the Er,Cr:YSGG Laser. Photomedicine and Laser Surgery, 2007, 25, 402-406.	2.1	21
43	Cytotoxic Effect of Thymus caramanicus Jalas on Human Oral Epidermoid Carcinoma KB Cells. Brazilian Dental Journal, 2017, 28, 72-77.	0.5	21
44	The Effects of Photobiomodulation Therapy on Post-Surgical Pain. Journal of Lasers in Medical Sciences, 2019, 10, 79-85.	0.4	21
45	Photodynamic Inactivation of Porphyromonas gingivalis utilizing Radachlorin and Toluidine Blue O as Photosensitizers: An In Vitro Study. Journal of Lasers in Medical Sciences, 2018, 9, 107-112.	0.4	20
46	Eradication of C. albicans and T. rubrum with photoactivated indocyanine green, Citrus aurantifolia essential oil and fluconazole. Photodiagnosis and Photodynamic Therapy, 2015, 12, 289-297.	1.3	19
47	The effect of low-level laser therapy (810Ånm) on root development of immature permanent teeth in dogs. Lasers in Medical Science, 2015, 30, 1251-1257.	1.0	19
48	Photobiomodulation in Periodontology and Implant Dentistry: Part 1. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 739-765.	0.7	19
49	Transcranial photobiomodulation in the management of brain disorders. Journal of Photochemistry and Photobiology B: Biology, 2021, 221, 112207.	1.7	19
50	Microstructural Evaluation of Contaminated Implant Surface Treated by Laser, Photodynamic Therapy, and Chlorhexidine 2%. International Journal of Oral and Maxillofacial Implants, 2018, 33, 1019-1026.	0.6	18
51	Effect of photobiomodulation on recovery from neurosensory disturbances after sagittal split ramus osteotomy: a triple-blind randomised controlled trial. British Journal of Oral and Maxillofacial Surgery, 2020, 58, 535-541.	0.4	18
52	Recovery of inferior alveolar nerve by photobiomodulation therapy using two laser wavelengths: A behavioral and immunological study in rat. Journal of Photochemistry and Photobiology B: Biology, 2020, 204, 111785.	1.7	18
53	Bactericidal Effect of Erbium-Doped Yttrium Aluminum Garnet Laser and Photodynamic Therapy on Aggregatibacter Actinomycetemcomitans Biofilm on Implant Surface. International Journal of Oral and Maxillofacial Implants, 2016, 31, e71-e78.	0.6	17
54	Effect of antimicrobial photodynamic therapy on the counts of salivary Streptococcus mutans in children with severe early childhood caries. Photodiagnosis and Photodynamic Therapy, 2017, 18, 319-322.	1.3	17

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55	The Effect of Laser Photobiomodulation on Periodontal Ligament Stem Cells. <i>Photochemistry and Photobiology</i> , 2021, 97, 851-859.	1.3	17
56	Effect of photobiomodulation in secondary intention gingival wound healing—a systematic review and meta-analysis. <i>BMC Oral Health</i> , 2021, 21, 258.	0.8	17
57	Treatment of oral squamous cell carcinoma using anti-HER2 immunonanoshells. <i>International Journal of Nanomedicine</i> , 2011, 6, 2749.	3.3	16
58	Push-out bond strength of two root-end filling materials in root-end cavities prepared by Er,Cr:YSGG laser or ultrasonic technique. <i>Australian Endodontic Journal</i> , 2012, 38, 113-117.	0.6	16
59	Antimicrobial photodynamic therapy of <i>Lactobacillus acidophilus</i> by indocyanine green and 810-nm diode laser. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 24, 145-149.	1.3	16
60	Effects of antibacterial photodynamic therapy on salivary mutans streptococci in 5- to 6-year-olds with severe early childhood caries. <i>Lasers in Medical Science</i> , 2019, 34, 433-440.	1.0	16
61	Comparison of antibacterial effect of photodynamic therapy using indocyanine green (Emundo) with 2% metronidazole and 2% chlorhexidine gel on <i>Porphyromonas gingivalis</i> (an in-vitro study). <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 28-33.	1.3	15
62	Antitumor effect of combined Dkk-3 and 5-ALA mediated photodynamic therapy in breast cancer cell's colony. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 200-203.	1.3	15
63	The effect of Er, Cr:YSGG laser and air abrasion on shear bond strength of a fissure sealant to enamel. <i>Journal of the American Dental Association</i> , 2010, 141, 157-161.	0.7	14
64	Stimulatory effect of low-level laser therapy on root development of rat molars: a preliminary study. <i>Lasers in Medical Science</i> , 2012, 27, 537-542.	1.0	14
65	Bond Strength of Two Resin Cements to Dentin After Disinfection Pretreatment: Effects of Er,Cr:YSGG Laser Compared with Chemical Antibacterial Agent. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 206-211.	2.1	14
66	Antimicrobial Photodynamic Therapy With Nanoparticles Versus Conventional Photosensitizer in Oral Diseases. , 2017, , 237-259.		14
67	Effect of Various Laser Wavelengths on Temperature Changes During Periimplantitis Treatment. <i>Implant Dentistry</i> , 2018, 27, 311-316.	1.7	14
68	Evaluation of the antibacterial efficacy of various root canal disinfection methods against <i>Enterococcus faecalis</i> biofilm. An ex-vivo study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 24, 44-51.	1.3	14
69	Comparison of shear bond strength of orthodontic brackets bonded with a universal adhesive using different etching methods. <i>Dental Press Journal of Orthodontics</i> , 2019, 24, 33.e1-33.e8.	0.2	14
70	Ex vivo comparison of antibacterial efficacy of conventional chemomechanical debridement alone and in combination with light-activated disinfection and laser irradiation against <i>Enterococcus faecalis</i> biofilm. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101648.	1.3	14
71	Effects of laser-assisted fluoride therapy with a CO2 laser and Er, Cr:YSGG laser on enamel demineralization. <i>Pediatric Dentistry (discontinued)</i> , 2012, 34, e92-6.	0.4	14
72	Effect of Hydrosoluble Chlorine-Mediated Antimicrobial Photodynamic Therapy on Clinical Parameters and Cytokine Profile in Ligature-Induced Periodontitis in Dogs. <i>Journal of Periodontology</i> , 2013, 84, 793-800.	1.7	13

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73	Photo-activated elimination of <i>Aggregatibacter actinomycetemcomitans</i> in planktonic culture: Comparison of photodynamic therapy versus photothermal therapy method. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 28-32.	1.3	13
74	Therapeutic effects of simultaneous Photobiomodulation therapy (PBMT) and Meloxicam administration on experimental acute spinal cord injury: Rat animal model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 189, 49-54.	1.7	13
75	Photobiomodulation in Endodontic, Restorative, and Prosthetic Dentistry: A Review of the Literature. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 869-886.	0.7	13
76	Use of Blue and Blue-Violet Lasers in Dentistry: A Narrative Review. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e31-e31.	0.4	13
77	A Comparison of Shear Bond Strengths of Metal and Ceramic Brackets using Conventional Acid Etching Technique and Er:YAG Laser Etching. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2014, 8, 27-34.	0.4	13
78	Dentinal tubule blockage using nanobioglass in the presence of diode (980Ånm) and Nd:YAG lasers: an in vitro study. <i>Clinical Oral Investigations</i> , 2022, 26, 2975-2981.	1.4	13
79	Er,Cr:YSGG laser influence on microleakage of class V composite resin restorations. <i>Lasers in Medical Science</i> , 2013, 28, 1257-1262.	1.0	12
80	Comparison of the effect of hand instruments, an ultrasonic scaler, and an erbium-doped yttrium aluminium garnet laser on root surface roughness of teeth with periodontitis: a profilometer study. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 101.	0.9	12
81	Cellular Effect of Low-Level Laser Therapy on the Rate and Quality of Bone Formation in Mandibular Distraction Osteogenesis. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 315-321.	2.1	12
82	Evaluation of fibroblast attachment in root conditioning with Er, Cr:YSGG laser versus EDTA: A SEM study. <i>Microscopy Research and Technique</i> , 2015, 78, 317-322.	1.2	12
83	Photobiomodulation in Periodontology and Implant Dentistry: Part 2. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 766-783.	0.7	11
84	Photobiomodulation and Antiviral Photodynamic Therapy in COVID-19 Management. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 517-547.	0.8	11
85	Near-infrared 940-nm diode laser photobiomodulation of inflamed periodontal ligament stem cells. <i>Lasers in Medical Science</i> , 2022, 37, 449-459.	1.0	11
86	Impact of various pressures on fracture resistance and microleakage of amalgam and composite restorations. <i>Diving and Hyperbaric Medicine</i> , 2018, 48, 168-172.	0.2	11
87	Fabrication of Chitosan-Nano Hydroxyapatite Scaffold for Dental Tissue Engineering. <i>Key Engineering Materials</i> , 2016, 720, 223-227.	0.4	10
88	Evaluation of therapeutic laser influences on the healing of third-degree burns in rats according to different wavelengths. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 232-236.	0.3	10
89	Comparison of enamel remineralization potential after application of titanium tetra fluoride and carbon dioxide laser. <i>Laser Therapy</i> , 2017, 26, 113-119.	0.8	10
90	Comparison of the Effects of Er, Cr: YSGG Laser and Super-Saturated Citric Acid on the Debridement of Contaminated Implant Surfaces. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 254-260.	0.4	10

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91	Effect of combined application of high- and low-intensity lasers on dentin hypersensitivity: A randomized clinical trial. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2018, 12, 49-55.	0.4	10
92	Investigation of the antibacterial effect of laser irradiation and chemical agent on human oral biofilms contaminated titanium discs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 259-264.	1.3	10
93	Photo biostimulatory effect of low dose photodynamic therapy on human mesenchymal stem cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101886.	1.3	10
94	Low-dose photodynamic therapy effect on closure of scratch wounds of normal and diabetic fibroblast cells: An in vitro study. <i>Journal of Biophotonics</i> , 2021, 14, e202100005.	1.1	10
95	Effect of Photobiomodulation on the Incidence of Alveolar Osteitis and Postoperative Pain following Mandibular Third Molar Surgery: A Double-blind Randomized Clinical Trial. <i>Photochemistry and Photobiology</i> , 2021, 97, 1129-1135.	1.3	10
96	An In Vitro Comparison of the Bond Strength of Composite to Superficial and Deep Dentin, Treated With Er:YAG Laser Irradiation or Acid-Etching. <i>Journal of Lasers in Medical Sciences</i> , 2016, 7, 167-171.	0.4	10
97	The effect of antimicrobial photodynamic therapy against virulence genes expression in colistin-resistance <i>Acinetobacter baumannii</i> . <i>Laser Therapy</i> , 2019, 28, 27-33.	0.8	10
98	Micromorphology analysis and bond strength of two adhesives to Er,Cr:YSGG laser-prepared vs. Bur-prepared fluorosed enamel. <i>Microscopy Research and Technique</i> , 2014, 77, 779-784.	1.2	9
99	Antibacterial Effect of Diode Laser in Pulpectomy of Primary Teeth. <i>Journal of Lasers in Medical Sciences</i> , 2017, 8, 197-200.	0.4	9
100	The effect of antimicrobial photodynamic therapy with radachlorin® on <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> : an in vitro study. <i>Journal of Lasers in Medical Sciences</i> , 2014, 5, 82-5.	0.4	9
101	Comparison of laser and power bleaching techniques in tooth color change. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	0.5	8
102	Interictal levels of calcitonin gene related peptide in gingival crevicular fluid of chronic migraine patients. <i>Neurological Sciences</i> , 2018, 39, 1217-1223.	0.9	8
103	The Esthetic Crown Lengthening by Er,Cr:YSGG laser: A Case Series. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 283-287.	0.4	8
104	Evaluation of laser fluorescence in combination with photosensitizers for detection of demineralized lesions. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 300-305.	1.3	8
105	Efficacy of Nd:YAG laser-assisted periodontal therapy for the management of periodontitis: A double-blind split-mouth randomized controlled clinical trial. <i>Journal of Periodontology</i> , 2022, 93, 662-672.	1.7	8
106	Transected sciatic nerve repair by diode laser protein soldering. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 441-447.	1.7	7
107	A preliminary randomized clinical trial comparing diode laser and scalpel periosteal incision during implant surgery: impact on postoperative morbidity and implant survival. <i>Lasers in Medical Science</i> , 2018, 33, 19-25.	1.0	7
108	Using Chitosan Besides Nano Hydroxyapatite and Fluorohydroxyapatite Boost Dental Pulp Stem Cell Proliferation. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 0, 42, 39-50.	0.5	7



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109	Comparison of different modes of photo-activated disinfection against <i>Porphyromonas gingivalis</i> : An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 101951.	1.3	7
110	Evaluation of antimicrobial photodynamic therapy on wounds infected by <i>Staphylococcus aureus</i> in animal models. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102092.	1.3	7
111	One visit providing desirable smile by laser application. <i>Journal of Lasers in Medical Sciences</i> , 2014, 5, 47-50.	0.4	7
112	Defocused irradiation mode of diode laser for conservative treatment of oral hemangioma. <i>Journal of Lasers in Medical Sciences</i> , 2013, 4, 147-50.	0.4	7
113	Effect of delayed photobiomodulation therapy on neurosensory recovery in patients with mandibular nerve neurotmesis following traumatic mandibular fracture: A randomized triple-blinded clinical trial. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 232, 112460.	1.7	7
114	Effect of sodium fluoride varnish, Gluma, and Er,Cr:YSGG laser in dentin hypersensitivity treatment: a 6-month clinical trial. <i>Lasers in Medical Science</i> , 2022, 37, 2989-2997.	1.0	7
115	A comparison of Er, Cr: YSGG laser with ultrasonic preparation on the seal of retrograde cavities. <i>Laser Therapy</i> , 2015, 24, 33-37.	0.8	6
116	Comparison of photoinactivation of <i>T. rubrum</i> by new methylene blue (NMB) and indocyanine green (EmunDo $\text{\AA}^{\circledast}$ ). <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 208-212.	1.3	6
117	Clinical and radiographic evaluation of diode laser pulpotomy on human primary teeth. <i>Laser Therapy</i> , 2018, 27, 187-192.	0.8	6
118	Photobiomodulation Therapy in Clinical Dentistry. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 737-738.	0.7	6
119	All done procedure by laser in free gingival graft treatment: A case series study. <i>Journal of Cosmetic and Laser Therapy</i> , 2019, 21, 4-10.	0.3	6
120	Evaluation and comparison of the effect of honey, milk and combination of honey&quot;milk on experimental induced second-degree burns of Rabbit. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 915.	0.3	6
121	Effect of Er: YAG Laser, Sandblast and Several Types of Universal Bonding on Shear Bond Strength of Zirconia Ceramic to Composite Resin. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 1246-1253.	0.2	6
122	Effect of low level laser therapy on orthodontic tooth movement: a review article. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2013, 10, 264-72.	0.4	6
123	Effects of the bleaching procedures on enamel micro-hardness: Plasma Arc and diode laser comparison. <i>Laser Therapy</i> , 2015, 24, 173-177.	0.8	5
124	Periosteal Releasing Incision With Diode Laser in Guided Bone Regeneration Procedure: A Case Series. <i>Journal of Lasers in Medical Sciences</i> , 2016, 7, 259-264.	0.4	5
125	FT-Raman spectroscopic characterization of enamel surfaces irradiated with Nd:YAG and Er:YAG lasers. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2016, 10, 207-212.	0.4	5
126	Comparison of the permeability rate of nanoparticle calcium hydroxide and conventional calcium hydroxide using a fluorescence microscope. <i>Dental Research Journal</i> , 2018, 15, 385.	0.2	5



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127	The Effect of Carbon Dioxide Laser on Aphthous stomatitis Treatment: A Double-Blind Randomized Clinical Trial. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, S67-S72.	0.4	5
128	Comparing fibroblast attachment in root surface scaling with Er, Cr:YSGG laser versus ultrasonic scaler: A SEM study. <i>Microscopy Research and Technique</i> , 2017, 80, 917-922.	1.2	4
129	Effects of motion direction and power of Er,Cr:YSGG laser on pull-out bond strength of fiber post to root dentin in endodontically-treated single-canal premolar teeth. <i>Biomaterials Research</i> , 2019, 23, 17.	3.2	4
130	The effect of delayed photobiomodulation on neurosensory disturbance recovery after zygomatic trauma: A parallel controlled clinical trial. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 217, 112153.	1.7	4
131	The effects of pressure in vitro on three methods of root canal obturation. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 16-20.	0.2	4
132	Implant Surface Temperature Changes during Er:YAG Laser Irradiation with Different Cooling Systems. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2014, 11, 210-5.	0.4	4
133	Efficacy of antimicrobial photodynamic therapy compared to nystatin therapy in reducing <i>Candida</i> colony count in patients with <i>Candida</i> -associated denture stomatitis: a systematic review and meta-analysis. <i>Evidence-Based Dentistry</i> , 2021, , .	0.3	4
134	A comparative evaluation of APF gel, CPP/ACP paste alone and in combination with carbon dioxide laser on human enamel resistance to acid solubility using atomic absorption spectrometry: an in-vitro study. <i>Minerva Dental and Oral Science</i> , 2018, 67, 68-73.	0.5	3
135	The Effect of Titanium Tetrafluoride Treatment and the CO2 Laser on Acid Resistance of Human Enamel. <i>Journal of Lasers in Medical Sciences</i> , 2019, 10, 207-210.	0.4	3
136	Direct Pulp Capping With ProRoot MTA Alone and in Combination With Er:YAG Laser Irradiation: A Clinical Trial. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, S60-S66.	0.4	3
137	Juvenile Hyaline Fibromatosis Management With a Diode Laser: A Rare Case Report. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 104-107.	0.4	3
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