

Abbas Bahador

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/147597/publications.pdf>

Version: 2024-02-01

182
papers

4,162
citations

109321

35
h-index

175258

52
g-index

188
all docs

188
docs citations

188
times ranked

4700
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosensitizers in antibacterial photodynamic therapy: an overview. <i>Laser Therapy</i> , 2018, 27, 293-302.	0.3	196
2	An investigation of electrospun Henna leaves extract-loaded chitosan based nanofibrous mats for skin tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 75, 433-444.	7.3	134
3	Electrospun biodegradable nanofibers scaffolds for bone tissue engineering. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	126
4	Effect of TiO ₂ nanoparticles incorporation on antibacterial properties and shear bond strength of dental composite used in Orthodontics. <i>Dental Press Journal of Orthodontics</i> , 2017, 22, 67-74.	0.9	105
5	Antimicrobial Photodynamic Therapy: An Effective Alternative Approach to Control Bacterial Infections. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 154-160.	1.2	86
6	Evaluation of propylene glycol nanoliposomes containing curcumin on burn wound model in rat: biocompatibility, wound healing, and anti-bacterial effects. <i>Drug Delivery and Translational Research</i> , 2017, 7, 654-663.	5.8	85
7	Carnosine-graphene oxide conjugates decorated with hydroxyapatite as promising nanocarrier for ICG loading with enhanced antibacterial effects in photodynamic therapy against <i>Streptococcus mutans</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 14-22.	3.8	78
8	Clinical Approach of High Technology Techniques for Control and Elimination of Endodontic Microbiota. <i>Journal of Lasers in Medical Sciences</i> , 2015, 6, 139-150.	1.2	78
9	Tuning the anticancer activity of a novel pro-apoptotic peptide using gold nanoparticle platforms. <i>Scientific Reports</i> , 2016, 6, 31030.	3.3	76
10	Evaluation of the antibacterial activity of a conventional orthodontic composite containing silver/hydroxyapatite nanoparticles. <i>Progress in Orthodontics</i> , 2016, 17, 40.	3.5	75
11	Can Antimicrobial Photodynamic Therapy (aPDT) Enhance the Endodontic Treatment?. <i>Journal of Lasers in Medical Sciences</i> , 2016, 7, 76-85.	1.2	66
12	Antibiotic Resistance of <i>Acinetobacter baumannii</i> in Iran: A Systemic Review of the Published Literature. <i>Osong Public Health and Research Perspectives</i> , 2015, 6, 79-86.	1.9	64
13	The effect of indocyanine green loaded on a novel nano-graphene oxide for high performance of photodynamic therapy against <i>Enterococcus faecalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 148-153.	2.6	63
14	Therapeutic applications of nucleic acid aptamers in microbial infections. <i>Journal of Biomedical Science</i> , 2020, 27, 6.	7.0	61
15	Wide distribution of carbapenem resistant <i>Acinetobacter baumannii</i> in burns patients in Iran. <i>Frontiers in Microbiology</i> , 2015, 6, 1146.	3.5	57
16	The efficacy of photodynamic and photothermal therapy on biofilm formation of <i>Streptococcus mutans</i> : An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 56-60.	2.6	56
17	Antimicrobial properties of poly (methyl methacrylate) acrylic resins incorporated with silicon dioxide and titanium dioxide nanoparticles on cariogenic bacteria. <i>Journal of Orthodontic Science</i> , 2016, 5, 7.	0.8	53
18	Photoelimination of <i>Streptococcus mutans</i> with two methods of photodynamic and photothermal therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 626-631.	2.6	52

#	ARTICLE	IF	CITATIONS
19	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.	1.8	51
20	Emergence of Rifampicin, Tigecycline, and Colistin-Resistant <i>Acinetobacter baumannii</i> in Iran; Spreading of MDR Strains of Novel International Clone Variants. <i>Microbial Drug Resistance</i> , 2013, 19, 397-406.	2.0	50
21	Asymptomatic Infection With <i>Mycoplasma hominis</i> Negatively Affects Semen Parameters and Leads to Male Infertility as Confirmed by Improved Semen Parameters After Antibiotic Treatment. <i>Urology</i> , 2017, 100, 97-102.	1.0	50
22	An In Vitro Comparison of Antimicrobial Effects of Curcumin-Based Photodynamic Therapy and Chlorhexidine, on <i>Aggregatibacter actinomycetemcomitans</i> . <i>Journal of Lasers in Medical Sciences</i> , 2016, 7, 21-25.	1.2	50
23	Modulation of virulence in <i>Acinetobacter baumannii</i> cells surviving photodynamic treatment with toluidine blue. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 202-212.	2.6	49
24	Exploring different photosensitizers to optimize elimination of planktonic and biofilm forms of <i>Enterococcus faecalis</i> from infected root canal during antimicrobial photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 24, 206-211.	2.6	47
25	Evaluation of multilayer coated magnetic nanoparticles as biocompatible curcumin delivery platforms for breast cancer treatment. <i>RSC Advances</i> , 2015, 5, 88096-88107.	3.6	45
26	The evaluation of cultivable microbiota profile in patients with secondary endodontic infection before and after photo-activated disinfection. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 198-203.	2.6	44
27	Photo-sonodynamic antimicrobial chemotherapy via chitosan nanoparticles-indocyanine green against polymicrobial periopathogenic biofilms: Ex vivo study on dental implants. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101834.	2.6	44
28	Antimicrobial photodynamic therapy assessment of three indocyanine green-loaded metal-organic frameworks against <i>Enterococcus faecalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 331-338.	2.6	43
29	Sonodynamic excitation of nanomicelle curcumin for eradication of <i>Streptococcus mutans</i> under sonodynamic antimicrobial chemotherapy: Enhanced anti-carries activity of nanomicelle curcumin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101780.	2.6	42
30	Growth Rate and Biofilm Formation Ability of Clinical and Laboratory-Evolved Colistin-Resistant Strains of <i>Acinetobacter baumannii</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 153.	3.5	41
31	Antimicrobial Resistance of <i>Acinetobacter baumannii</i> to Imipenem in Iran: A Systematic Review and Meta-Analysis. <i>Open Microbiology Journal</i> , 2016, 10, 32-42.	0.7	39
32	Virulence Factors of <i>Staphylococcus aureus</i> Isolates in an Iranian Referral Children's Hospital. <i>Osong Public Health and Research Perspectives</i> , 2014, 5, 96-100.	1.9	37
33	Photo-activated disinfection based on indocyanine green against cell viability and biofilm formation of <i>Porphyromonas gingivalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 61-64.	2.6	37
34	Photoexcitation triggering via semiconductor Graphene Quantum Dots by photochemical doping with Curcumin versus perio-pathogens mixed biofilms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 125-131.	2.6	37
35	Modulation of virulence in <i>Enterococcus faecalis</i> cells surviving antimicrobial photodynamic inactivation with reduced graphene oxide-curcumin: An ex vivo biofilm model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101643.	2.6	37
36	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.	2.1	36

#	ARTICLE	IF	CITATIONS
37	Intrafamilial transmission of <i>Helicobacter pylori</i> : genotyping of faecal samples. <i>British Journal of Biomedical Science</i> , 2016, 73, 38-43.	1.3	33
38	Adjunctive antimicrobial photodynamic therapy to conventional chemo-mechanical debridement of infected root canal systems: A systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 19-26.	2.6	33
39	The in vitro effect of antimicrobial photodynamic therapy with indocyanine green on <i>Enterococcus faecalis</i> : Influence of a washing vs non-washing procedure. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 119-123.	2.6	31
40	Monitoring gene expression of <i>rcpA</i> from <i>Aggregatibacter actinomycetemcomitans</i> versus antimicrobial photodynamic therapy by relative quantitative real-time PCR. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 51-55.	2.6	31
41	Biofilm formation and antibiotic resistance in methicillin-resistant and methicillin-sensitive <i>Staphylococcus aureus</i> isolated from burns. <i>Journal of Wound Care</i> , 2019, 28, 66-73.	1.2	31
42	Robust antimicrobial photodynamic therapy with curcumin-poly (lactic-co-glycolic acid) nanoparticles against COVID-19: A preliminary in vitro study in Vero cell line as a model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102286.	2.6	31
43	Shear bond strength, adhesive remnant index, and anti-biofilm effects of a photoexcited modified orthodontic adhesive containing curcumin doped poly lactic-co-glycolic acid nanoparticles: An ex-vivo biofilm model of <i>S. mutans</i> on the enamel slab bonded brackets. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101674.	2.6	30
44	Contribution of antimicrobial photo-sonodynamic therapy in wound healing: an in vivo effect of curcumin-nisin-based poly (L-lactic acid) nanoparticle on <i>Acinetobacter baumannii</i> biofilms. <i>BMC Microbiology</i> , 2022, 22, 28.	3.3	29
45	Evaluation of photo-activated disinfection effectiveness with methylene blue against <i>Porphyromonas gingivalis</i> involved in endodontic infection: An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 132-135.	2.6	28
46	Real-time quantitative reverse transcription-PCR analysis of expression stability of <i>Aggregatibacter actinomycetemcomitans</i> fimbria-associated gene in response to photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 78-82.	2.6	28
47	Anti-biofilm and anti-metabolic effects of antimicrobial photodynamic therapy using chlorophyllin-phycoerythrin mixture against <i>Streptococcus mutans</i> in experimental biofilm caries model on enamel slabs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101620.	2.6	28
48	Photodisinfection effects of silver sulfadiazine nanoliposomes doped-curcumin on <i>Acinetobacter baumannii</i> : a mouse model. <i>Nanomedicine</i> , 2020, 15, 437-452.	3.3	28
49	The anti-biofilm capability of nano-emodin-mediated sonodynamic therapy on multi-species biofilms produced by burn wound bacterial strains. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102288.	2.6	28
50	Effects of sub-lethal doses of photo-activated disinfection against <i>Porphyromonas gingivalis</i> for pharmaceutical treatment of periodontal-endodontic lesions. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 50-53.	2.6	27
51	Ex vivo assessment of synergic effect of chlorhexidine for enhancing antimicrobial photodynamic therapy efficiency on expression patterns of biofilm-associated genes of <i>Enterococcus faecalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 227-232.	2.6	27
52	The Prevalence of ISAbA1 and ISAbA4 in <i>Acinetobacter baumannii</i> Species of Different International Clone Lineages Among Patients With Burning in Tehran, Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e17167.	0.5	26
53	Dual wavelength irradiation antimicrobial photodynamic therapy using indocyanine green and metformin doped with nano-curcumin as an efficient adjunctive endodontic treatment modality. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101628.	2.6	26
54	Combinatorial therapy of chitosan hydrogel-based zinc oxide nanocomposite attenuates the virulence of <i>Streptococcus mutans</i> . <i>BMC Microbiology</i> , 2021, 21, 62.	3.3	26

#	ARTICLE	IF	CITATIONS
55	Distribution of bla OXA-23, IS Aba , Aminoglycosides resistant genes among burned & ICU patients in Tehran and Sari, Iran. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 38.	3.8	25
56	Genotypic and Antimicrobial Susceptibility of Carbapenem-resistant <i>Acinetobacter baumannii</i> : Analysis of is Aba Elements and blaOXA-23-like Genes Including a New Variant. <i>Frontiers in Microbiology</i> , 2015, 6, 1249.	3.5	24
57	Association of <i>Chlamydia trachomatis</i> with infertility and clinical manifestations: a systematic review and meta-analysis of case-control studies. <i>Infectious Diseases</i> , 2016, 48, 517-523.	2.8	24
58	An in vivo evaluation of microbial diversity before and after the photo-activated disinfection in primary endodontic infections: Traditional phenotypic and molecular approaches. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 19-25.	2.6	24
59	Quorum quenching of <i>Streptococcus mutans</i> via the nano-quercetin-based antimicrobial photodynamic therapy as a potential target for cariogenic biofilm. <i>BMC Microbiology</i> , 2022, 22, 125.	3.3	24
60	The effect of antimicrobial photodynamic therapy on the expression of biofilm associated genes in <i>Staphylococcus aureus</i> strains isolated from wound infections in burn patients. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 406-413.	2.6	23
61	Culture-dependent approaches to explore the prevalence of root canal pathogens from endodontic infections. <i>Brazilian Oral Research</i> , 2017, 31, e108.	1.4	22
62	Detection of AdeABC efflux pump genes in tetracycline-resistant <i>Acinetobacter baumannii</i> isolates from burn and ventilator-associated pneumonia patients. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014, 6, 229.	0.6	21
63	Antibiotic susceptibility of <i>Helicobacter pylori</i> strains isolated from Iranian children: High frequency of A2143G point mutation associated with clarithromycin resistance. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 10, 131-135.	2.2	21
64	The Effect of Quorum-Sensing and Efflux Pumps Interactions in <i>Pseudomonas aeruginosa</i> Against Photooxidative Stress. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 161-167.	1.2	20
65	Photodynamic Inactivation of <i>Porphyromonas gingivalis</i> utilizing Radachlorin and Toluidine Blue O as Photosensitizers: An In Vitro Study. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 107-112.	1.2	20
66	Effect of ultrasonic activation on the efficacy of antimicrobial photodynamic therapy: Evaluation of penetration depth of photosensitizer and elimination of <i>Enterococcus faecalis</i> biofilms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 362-366.	2.6	20
67	An in vitro evaluation of the effects of nanoparticles on shear bond strength and antimicrobial properties of orthodontic adhesives: A systematic review and meta-analysis study. <i>International Orthodontics</i> , 2020, 18, 203-213.	1.9	20
68	Synergistic biocidal effects of metal oxide nanoparticles-assisted ultrasound irradiation: Antimicrobial sonodynamic therapy against <i>Streptococcus mutans</i> biofilms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102432.	2.6	20
69	Multidrug Resistance Among <i>Acinetobacter baumannii</i> Isolates from Iran: Changes in Antimicrobial Susceptibility Patterns and Genotypic Profile. <i>Microbial Drug Resistance</i> , 2014, 20, 632-640.	2.0	19
70	Prevalence of genital <i>Chlamydia trachomatis</i> in Iran: a systematic review and meta-analysis. <i>Pathogens and Global Health</i> , 2015, 109, 290-299.	2.3	19
71	Improvement of semen parameters after antibiotic therapy in asymptomatic infertile men infected with <i>Mycoplasma genitalium</i> . <i>Infection</i> , 2018, 46, 31-38.	4.7	19
72	Analysis of glucosyltransferase gene expression of clinical isolates of <i>Streptococcus mutans</i> obtained from dental plaques in response to sub-lethal doses of photoactivated disinfection. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 24, 75-81.	2.6	19

#	ARTICLE	IF	CITATIONS
73	Association of virulence gene expression with colistin-resistance in <i>Acinetobacter baumannii</i> : analysis of genotype, antimicrobial susceptibility, and biofilm formation. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2018, 17, 24.	3.8	19
74	Antibiofilm activity of natural zeolite supported NanoZnO: inhibition of <i>Esp</i> gene expression of <i>Enterococcus faecalis</i> . <i>Nanomedicine</i> , 2019, 14, 675-687.	3.3	19
75	Propolis nanoparticle enhances the potency of antimicrobial photodynamic therapy against <i>Streptococcus mutans</i> in a synergistic manner. <i>Scientific Reports</i> , 2020, 10, 15560.	3.3	19
76	Potential effects of antimicrobial photodynamic therapy on quorum sensing genes expression: A promising treatment for multi-species bacterial biofilms in burn wound infections. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101717.	2.6	19
77	The Effect of Antimicrobial Photodynamic Therapy Using Chlorophyllin-Phycocyanin Mixture on <i>Enterococcus faecalis</i> : The Influence of Different Light Sources. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4290.	2.5	19
78	Molecular study of carbapenemase genes in clinical isolates of Enterobacteriaceae resistant to carbapenems and determining their clonal relationship using pulsed-field gel electrophoresis. <i>Journal of Medical Microbiology</i> , 2017, 66, 570-576.	1.8	19
79	Photoelimination Potential of Chitosan Nanoparticles-Indocyanine Green Complex Against the Biological Activities of <i>Acinetobacter baumannii</i> Strains: A Preliminary In Vitro Study in Burn Wound Infections. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 187-192.	1.2	19
80	Removal of microbes and air pollutants passing through nonwoven polypropylene filters by activated carbon and nanosilver colloidal layers. <i>Journal of Industrial Textiles</i> , 2013, 42, 219-230.	2.4	18
81	The combination of antimicrobial photocatalysis and antimicrobial photodynamic therapy to eradicate the extensively drug-resistant colistin resistant <i>Acinetobacter baumannii</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101816.	2.6	18
82	In vitro antibacterial activity and durability of a nano-curcumin-containing pulp capping agent combined with antimicrobial photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102150.	2.6	18
83	Attenuation of <i>Aggregatibacter actinomycetemcomitans</i> virulence using curcumin-decorated nanophytosomes-mediated photo-sonoantimicrobial chemotherapy. <i>Scientific Reports</i> , 2021, 11, 6012.	3.3	18
84	Prevalence of Urogenital Mycoplasmas in Iran and Their Effects on Fertility Potential: A Systematic Review and Meta-Analysis. <i>Iranian Journal of Public Health</i> , 2016, 45, 409-22.	0.5	17
85	Theranostic nanoplateforms of emodin-chitosan with blue laser light on enhancing the anti-biofilm activity of photodynamic therapy against <i>Streptococcus mutans</i> biofilms on the enamel surface. <i>BMC Microbiology</i> , 2022, 22, 68.	3.3	17
86	Discriminating between latent and active tuberculosis: The role of interleukin-2 as biomarker. <i>Journal of Infection</i> , 2015, 70, 429-431.	3.3	16
87	Modulation of the triggered apoptosis by nano emodin transfersome-mediated sonodynamic therapy on head and neck squamous cell carcinoma cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102253.	2.6	16
88	Frequencies of CD4+ T Regulatory Cells and their CD25 ^{high} and FoxP3 ^{high} Subsets Augment in Peripheral Blood of Patients with Acute and Chronic Brucellosis. <i>Osong Public Health and Research Perspectives</i> , 2014, 5, 161-168.	1.9	15
89	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.	2.6	15
90	Effect of photodynamic therapy based on indocyanine green on expression of apoptosis-related genes in human gingival fibroblast cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 33-36.	2.6	15

#	ARTICLE	IF	CITATIONS
91	The effect of antimicrobial photodynamic therapy on the expression of novel methicillin resistance markers determined using cDNA-AFLP approach in <i>Staphylococcus aureus</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 249-255.	2.6	15
92	The effect of sublethal photodynamic therapy on the expression of Enterococcal surface protein (esp) encoding gene in <i>Enterococcus faecalis</i> : Quantitative real-time PCR assessment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 24, 311-317.	2.6	15
93	Plasmid borne Carbapenem-Hydrolyzing Class D β -Lactamases (CHDLs) and AdeABC efflux pump conferring carbapenem-tigecycline resistance among <i>Acinetobacter baumannii</i> isolates harboring TnAbaRs. <i>Microbial Pathogenesis</i> , 2017, 104, 310-317.	2.9	14
94	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.	2.6	14
95	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.	2.6	14
96	DNA-aptamer-nanographene oxide as a targeted bio-theragnostic system in antimicrobial photodynamic therapy against <i>Porphyromonas gingivalis</i> . <i>Scientific Reports</i> , 2022, 12, .	3.3	14
97	Adverse reactions to <i>Mycobacterium bovis</i> bacille Calmette-Guérin vaccination against tuberculosis in Iranian children. <i>Clinical and Experimental Vaccine Research</i> , 2015, 4, 195.	2.2	13
98	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.	2.6	13
99	Analysis of gene expression of basic fibroblast growth factor (bFGF) following photodynamic therapy in human gingival fibroblasts. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 144-147.	2.6	13
100	Efficacy of antimicrobial photodynamic therapy for elimination of <i>Aggregatibacter actinomycetemcomitans</i> biofilm on Laser-Lok titanium discs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 462-466.	2.6	13
101	Antimicrobial action of photoactivated C-Phycocyanin against <i>Enterococcus faecalis</i> biofilms: Attenuation of quorum-sensing system. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 286-291.	2.6	13
102	Changes of microbial cell survival, metabolic activity, efflux capacity, and quorum sensing ability of <i>Aggregatibacter actinomycetemcomitans</i> due to antimicrobial photodynamic therapy-induced bystander effects. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 287-294.	2.6	13
103	Gene expression profiling of fimA gene encoding fimbriae among clinical isolates of <i>Porphyromonas gingivalis</i> in response to photo-activated disinfection therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 1-5.	2.6	12
104	An experimental study for rapid detection and quantification of endodontic microbiota following photo-activated disinfection via new multiplex real-time PCR assay. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 344-350.	2.6	12
105	Monitoring of Virulence Factors and Metabolic Activity in <i>Aggregatibacter Actinomycetemcomitans</i> Cells Surviving Antimicrobial Photodynamic Therapy via Nano-Chitosan Encapsulated Indocyanine Green. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	12
106	Efficacy Of Line Probe Assay In Detection Of Drug-Resistant Pulmonary Tuberculosis In Comparison With GeneXpert And Phenotypic Methods In Iran And Genetic Analysis Of Isolates By MIRU-VNTR. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 3585-3593.	2.7	12
107	Antibiotic resistance and genotyping of gram-negative bacteria causing hospital-acquired infection in patients referred to Children's Medical Center. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 3377-3384.	2.7	12
108	Evaluation of antimicrobial photodynamic therapy with toluidine blue against <i>Enterococcus faecalis</i> : Laser vs LED. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102036.	2.6	12

#	ARTICLE	IF	CITATIONS
109	An orthodontic acrylic resin containing seaweed <i>Ulva lactuca</i> as a photoactive phytochemical in antimicrobial photodynamic therapy: Assessment of anti-biofilm activities and mechanical properties. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102295.	2.6	12
110	Evaluation of photodynamic therapy effect along with colistin on pandrug-resistant <i>Acinetobacter baumannii</i> . <i>Laser Therapy</i> , 2017, 26, 97-103.	0.3	11
111	Photobiomodulation and Antiviral Photodynamic Therapy in COVID-19 Management. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 517-547.	1.6	11
112	Evaluation of the Effect of Propolis Nanoparticles on Antimicrobial Properties and Shear Bond Strength of Orthodontic Composite Bonded to Bovine Enamel. <i>Frontiers in Dentistry</i> , 2019, 16, 96-104.	0.6	11
113	Enhanced reduction of polymicrobial biofilms on the orthodontic brackets and enamel surface remineralization using zeolite-zinc oxide nanoparticles-based antimicrobial photodynamic therapy. <i>BMC Microbiology</i> , 2021, 21, 273.	3.3	11
114	Antimicrobial resistance profiles and genetic elements involved in carbapenem resistance in <i>Acinetobacter baumannii</i> isolates from a referral hospital in Southern Iran. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 5, 75-79.	2.2	10
115	<div>Molecular evaluation of colistin-resistant gene expression changes in Acinetobacter baumannii with real-time polymerase chain reaction</div>. <i>Infection and Drug Resistance</i> , 2017, Volume 10, 455-462.	2.7	10
116	Oral Colonization by Nosocomial Pathogens During Hospitalization in Intensive Care Unit and Prevention Strategies. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2017, 12, 8-20.	0.8	10
117	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.	0.3	10
118	Classical and Molecular Methods for Evaluation of <i>Chlamydia trachomatis</i> Infection in Women with Tubal Factor Infertility. <i>Journal of Reproduction and Infertility</i> , 2013, 14, 29-33.	1.0	10
119	Diagnostic accuracy of multiplex real-time PCR approaches compared with cultivation -based detection methods: Monitoring the endopathogenic microbiota pre and post photo-activated disinfection. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 140-146.	2.6	9
120	Phenotypic and genotypic determinants of mupirocin resistance among <i>Staphylococcus aureus</i> isolates recovered from clinical samples of children: an Iranian hospital-based study. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 137-143.	2.7	9
121	<i>Streptococcus mutans</i> bystander-induced bioeffects following sonodynamic antimicrobial chemotherapy through sonocatalytic performance of Curcumin-Poly (Lactic-co-Glycolic Acid) on off-target cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102022.	2.6	9
122	Prevalence of nontuberculous mycobacteria isolated from environmental samples in Iran: A meta-analysis. <i>Journal of Research in Medical Sciences</i> , 2016, 21, 58.	0.9	9
123	Improve ICG Based Photodynamic Properties Through Conjugation of ICG Into Nano-Graphene Oxide Against <i>Enterococcus faecalis</i> . <i>Avicenna Journal of Clinical Microbiology and Infection</i> , 2018, 5, 64624-64624.	0.4	9
124	Characterization of Toxin-Antitoxin (TA) Systems in <i>Pseudomonas aeruginosa</i> Clinical Isolates in Iran. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e26627.	0.5	9
125	Outer membrane protein 100 of <i>Aggregatibacter actinomycetemcomitans</i> act as a biopharmaceutical target for photodynamic therapy: An in silico analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 154-160.	2.6	8
126	Evaluation of the crystal structure of a fimbriin (FimA) from <i>Porphyromonas gingivalis</i> as a therapeutic target for photo-activated disinfection with toluidine blue O. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 98-102.	2.6	8

#	ARTICLE	IF	CITATIONS
127	Expression patterns of <i>oxyR</i> induced by oxidative stress from <i>Porphyromonas gingivalis</i> in response to photo-activated disinfection. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 717-725.	2.7	8
128	In vivo antibacterial activity of <i>Zataria multiflora</i> Boiss extract and its components, carvacrol, and thymol, against colistin-resistant <i>Acinetobacter baumannii</i> in a pneumonic BALB/c mouse model. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18640-18649.	2.6	8
129	The impact of <i>Aggregatibacter actinomycetemcomitans</i> biofilm-derived effectors following antimicrobial photodynamic therapy on cytokine production in human gingival fibroblasts. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 1-6.	2.6	8
130	Molecular identification and antibiotic resistance pattern of actinomycetes isolates among immunocompromised patients in Iran, emerging of new infections. <i>Scientific Reports</i> , 2021, 11, 10745.	3.3	8
131	The Photomodulation Activity of Metformin Against Oral Microbiome. <i>Journal of Lasers in Medical Sciences</i> , 2019, 10, 241-250.	1.2	8
132	Computational Biology Analysis of COVID-19 Receptor-Binding Domains: A Target Site for Indocyanine Green Through Antimicrobial Photodynamic Therapy. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 433-441.	1.2	8
133	In Vitro Application of Sonodynamic Antimicrobial Chemotherapy as a Sonobactericidal Therapeutic Approach for Bacterial Infections: A Systematic Review and Meta-analysis. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, S1-S7.	1.2	8
134	Aptamer decorated emodin nanoparticles-assisted delivery of dermcidin-derived peptide DCD-1L: Photoactive bio-theragnostic agent for <i>Enterococcus faecalis</i> biofilm destruction. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 39, 103020.	2.6	8
135	Antimicrobial properties of acrylic resins doped with <i>Undaria pinnatifida</i> exposed to light-emitting diode: In silico and in vitro assessments on multispecies biofilm-producing microbiota. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 210-215.	2.6	7
136	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.	2.6	7
137	Nanocomposite-Coated Sterile Cotton Gas Based on Polylactic Acid and Nanoparticles (Zinc Oxide and) <i>Tj ETQq1 1 0.784314 rgBT /Ove</i> and <i>Translational Medicine</i> , 2021, 7, 200-217.	2.9	7
138	Evaluation of antimicrobial properties of nano-silver particles used in orthodontics fixed retainer composites: an experimental in-vitro study. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2021, 15, 87-93.	1.0	7
139	Orthodontic adhesive doped with nano-graphene oxide: physico-mechanical and antimicrobial properties. <i>Folia Medica</i> , 2021, 63, 413-421.	0.5	7
140	Effect of Addition of Curcumin Nanoparticles on Antimicrobial Property and Shear Bond Strength of Orthodontic Composite to Bovine Enamel. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2016, 13, 373-382.	0.4	7
141	In silico identification of a therapeutic target for photo-activated disinfection with indocyanine green: Modeling and virtual screening analysis of Arg-gingipain from <i>Porphyromonas gingivalis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 149-154.	2.6	6
142	Effects of sub-lethal dose of antimicrobial photodynamic therapy on major virulence traits of <i>Streptococcus mutans</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102044.	2.6	6
143	Antibacterial Effects of Orthodontic Primer Harboring Chitosan Nanoparticles against the Multispecies Biofilm of Cariogenic Bacteria in a Rat Model. <i>Folia Medica</i> , 2020, 62, 817-824.	0.5	6
144	Antimicrobial Efficacy of Silver Nanoparticles Incorporated in an Orthodontic Adhesive: An Animal Study. <i>Frontiers in Dentistry</i> , 2020, 17, 1-8.	0.6	6

#	ARTICLE	IF	CITATIONS
145	Epidemiology of children with acquired immune deficiency syndrome (stage 3): A referral hospital-based study in Iran. <i>Journal of Medical Virology</i> , 2016, 88, 64-68.	5.0	5
146	Investigation of arginine A-specific cysteine proteinase gene expression profiling in clinical <i>Porphyromonas gingivalis</i> isolates against photokilling action of the photo-activated disinfection. <i>Lasers in Medical Science</i> , 2018, 33, 337-341.	2.1	5
147	Modulation of Toxin-Antitoxin System Rnl AB Type II in Phage-Resistant <i>Gammaproteobacteria</i> Surviving Photodynamic Treatment. <i>Journal of Lasers in Medical Sciences</i> , 2019, 10, 21-28.	1.2	5
148	Effect of Antimicrobial Photodynamic Therapy Using Indocyanine Green Doped with Chitosan Nanoparticles on Biofilm Formation-Related Gene Expression of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Frontiers in Dentistry</i> , 2019, 16, 187-193.	0.6	5
149	Inhibitory Effects of Antimicrobial Photodynamic Therapy with Curcumin on Biofilm-Associated Gene Expression Profile of. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2018, 15, 169-177.	0.4	5
150	Analyzing <i>pmrA</i> and <i>pmrB</i> genes in <i>Acinetobacter baumannii</i> resistant to colistin in Shahid Rajai Shiraz, Iran Hospital by PCR: First report in Iran. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 1401-6.	0.2	5
151	Screening of <i>Chlamydia trachomatis</i> Infection in Men, Is It Necessary in Iran?. <i>Jundishapur Journal of Microbiology</i> , 2013, 6, .	0.5	4
152	Acquisition of Tn6018-3â€² CS regions increases colistin MICs against <i>Acinetobacter baumannii</i> isolates harboring new variants of AbaRs. <i>Folia Microbiologica</i> , 2017, 62, 373-379.	2.3	4
153	Effect of 5 Popular Disinfection Methods on Microflora of Laboratory. <i>Implant Dentistry</i> , 2019, 28, 437-446.	1.3	4
154	Antimicrobial properties, anti-virulence activities, and physico-mechanical characteristics of orthodontic adhesive containing C-phycoerythrin: a promising application of natural products. <i>Folia Medica</i> , 2021, 63, 113-121.	0.5	4
155	Residual Antimicrobial Activity of MTAD(Â®) in Human Dentin After Obturation with Gutta-Percha/AH26 and Resilon/RealSeal SE at Different Time Intervals; An Ex Vivo Study. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2014, 11, 30-7.	0.4	4
156	Effect of Postoperative Amoxicillin on Early Bacterial Colonization of Peri-Implant Sulcus: A Randomized Controlled Clinical Trial. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2016, 13, 309-317.	0.4	4
157	Evaluation of Antimicrobial Properties of Conventional Poly(Methyl Methacrylate) Denture Base Resin Materials Containing Hydrothermally Synthesised Anatase TiO Nanotubes against Cariogenic Bacteria and. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 161-172.	0.5	4
158	Novel PLA/ZnO Nanofibrous Nanocomposite Loaded with Tranexamic Acid as an Effective Wound Dressing: and Assessment. <i>Iranian Journal of Biotechnology</i> , 2021, 19, e2737.	0.3	4
159	Molecular epidemiology of <i>Staphylococcus aureus</i> nasal colonization among patients and their parents /guardian in an Iranian referral hospital. <i>Microbial Pathogenesis</i> , 2017, 107, 75-80.	2.9	3
160	Effects of Micro RNAs and their Targets in Periodontal Diseases. <i>Infectious Disorders - Drug Targets</i> , 2018, 18, 183-191.	0.8	3
161	In Silico Investigation for Evaluation of the Potential of the SclA Protein in <i>Streptococcus pyogenes</i> . <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e19296.	0.5	3
162	Molecular Detection of blaOXA-type Carbapenemase Genes and Antimicrobial Resistance Patterns among Clinical Isolates of <i>Acinetobacter baumannii</i> . <i>Global Medical Genetics</i> , 2022, 09, 118-123.	0.9	3

#	ARTICLE	IF	CITATIONS
163	The synergistic effect of Nano-propolis and curcumin-based photodynamic therapy on remineralization of white spot lesions: An ex vivo study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102789.	2.6	3
164	Anti-biofilm activity of Chlorella-mediated light activated disinfection: Ex vivo inhibition of intracanal mature <i>Enterococcus faecalis</i> biofilms via application of natural product. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101853.	2.6	2
165	Photodynamic Therapy Using Toluidine Blue O (TBO) Dye as a Photosensitizer against <i>Leishmania major</i> . <i>Iranian Journal of Public Health</i> , 2021, 50, 2111-2120.	0.5	2
166	The Effect of Indocyanine Green Antimicrobial Photothermal/Photodynamic Therapy on the Expression of BCL-2 and BAX Messenger RNA Levels in Human Gingival Fibroblast Cells. <i>Folia Medica</i> , 2020, 62, 314-323.	0.5	2
167	Antibacterial and Antibiofilm Efficacy of Antimicrobial Photodynamic Therapy Against Intracanal : An Comparative Study with Traditional Endodontic Irrigation Solutions. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2018, 15, 197-204.	0.4	2
168	Comparison of OmpA Gene-Targeted Real-Time PCR with the Conventional Culture Method for Detection of <i>Acinetobacter baumannii</i> in Pneumonic BALB/c Mice. <i>Iranian Biomedical Journal</i> , 2019, 23, 159-64.	0.7	2
169	Evaluation of Antimicrobial Effects of Photo-sonodynamic Antimicrobial Chemotherapy Based on Nano-micelle Curcumin on Virulence Gene Expression Patterns in <i>Acinetobacter baumannii</i> . <i>Infectious Disorders - Drug Targets</i> , 2022, 22, .	0.8	2
170	Physico-mechanical properties, antimicrobial activities, and anti-biofilm potencies of orthodontic adhesive containing cerium oxide nanoparticles against <i>Streptococcus mutans</i> . <i>Folia Medica</i> , 2022, 64, 252-259.	0.5	2
171	Bacteria Elimination and SO ₂ Filtration Using Spacer Fabric Loaded With Natural Zeolite-Nanosilver Composites. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700240.	1.1	1
172	Evaluation of Antibacterial Effects of Fissure Sealants Containing Chitosan Nanoparticles. <i>International Journal of Dentistry</i> , 2021, 2021, 1-7.	1.5	1
173	Exploring Photoactivated Disinfection-Induced Bystander Effects on Microbial Biofilms of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Infectious Disorders - Drug Targets</i> , 2021, 21, e170721187710.	0.8	1
174	Effect of Different Obturation Materials on Residual Antimicrobial Activity of 2% Chlorhexidine in Dentin at Different Time Intervals: An Ex Vivo Study. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015, 12, 720-8.	0.4	1
175	Effect of Addition of Nano-TiO, Nano-SiO, and a Combination of Both, on Antimicrobial Activity of an Orthodontic Composite. <i>Journal of Contemporary Dental Practice</i> , 2020, 21, 857-862.	0.5	1
176	Antimicrobial Properties and Shear Bond Strength of Composite Used in Orthodontics Following the Addition of Curcumin-Reduced Nanographene Oxide. <i>Avicenna Journal of Clinical Microbiology and Infection</i> , 2021, 8, 139-144.	0.4	1
177	Clinical, cytological and microbiological evaluation of bronchoalveolar lavage in children: A referral hospital-based study. <i>Microbial Pathogenesis</i> , 2016, 100, 179-183.	2.9	0
178	Comparison of Antibacterial Activities of ProRoot MTA, OrthoMTA, and RetroMTA Against Three Anaerobic Endodontic Bacteria. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2018, 15, 294-299.	0.4	0
179	Evaluation of the Effect of MTAD on Expression of <i>Enterococcus faecalis</i> Virulence Factors Considering the Role of Different Obturating Materials. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2018, 15, 382-392.	0.4	0
180	Antimicrobial Efficacy of Silver Nanoparticles Incorporated in an Orthodontic Adhesive: An Animal Study. <i>Frontiers in Dentistry</i> , 2020, 17, 1-8.	0.6	0

#	ARTICLE	IF	CITATIONS
181	Microflora of Laboratory-Customized Dental Implant Abutments. Journal of the International Academy of Periodontology, 2018, 20, 86-93.	0.7	0
182	Photoactivation of Curcumin Doped Poly-Lactic-Co-Glycolic Acid Nanoparticles in Rat Model with Fixed Orthodontic Appliances. Scientific World Journal, The, 2022, 2022, 1-11.	2.1	0