

Hossein aghamollaei

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

537
citations

759055

12
h-index

677027

22
g-index

47
all docs

47
docs citations

47
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and in vitro characterization of cross-linked collagen-gelatin hydrogel using EDC/NHS for corneal tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 620-632.	3.6	133
2	Efficacy of a Low Dose of Melatonin as an Adjunctive Therapy in Hospitalized Patients with COVID-19: A Randomized, Double-blind Clinical Trial. <i>Archives of Medical Research</i> , 2022, 53, 79-85.	1.5	53
3	Detection of <i>Pseudomonas aeruginosa</i> by a triplex polymerase chain reaction assay based on <i>lasI/R</i> and <i>gyrB</i> genes. <i>Journal of Infection and Public Health</i> , 2015, 8, 314-322.	1.9	40
4	The development of antimicrobial peptides as an approach to prevention of antibiotic resistance. <i>Reviews in Medical Microbiology</i> , 2015, 26, 98-110.	0.4	33
5	Nanobodies, the potent agents to detect and treat the Coronavirus infections: A systematic review. <i>Molecular and Cellular Probes</i> , 2021, 55, 101692.	0.9	23
6	Evaluation of Th1 and Th2 mediated cellular and humoral immunity in patients with COVID-19 following the use of melatonin as an adjunctive treatment. <i>European Journal of Pharmacology</i> , 2021, 904, 174193.	1.7	21
7	Surface Display of Organophosphorus Hydrolase on <i>E. coli</i> Using N-Terminal Domain of Ice Nucleation Protein <i>InaV</i> . <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 234-238.	0.9	21
8	Integrative role of traditional and modern technologies to combat COVID-19. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 23-33.	2.0	16
9	Identification and in vitro characterization of novel nanobodies against human granulocyte colony-stimulating factor receptor to provide inhibition of G-CSF function. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 245-254.	2.5	14
10	Antioxidant activity of different parts of <i>Tetrataenium lasiopetalum</i> . <i>Pharmaceutical Biology</i> , 2013, 51, 1081-1085.	1.3	13
11	Engineering and introduction of de novo disulphide bridges in organophosphorus hydrolase enzyme for thermostability improvement. <i>Journal of Biosciences</i> , 2016, 41, 577-588.	0.5	12
12	Safety evaluation of the plasma on ocular surface tissue: An animal study and histopathological findings. <i>Clinical Plasma Medicine</i> , 2019, 14, 100084.	3.2	12
13	Catalytic and structural effects of flexible loop deletion in organophosphorus hydrolase enzyme: A thermostability improvement mechanism. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	12
14	Application of mesenchymal stem cells in corneal regeneration. <i>Tissue and Cell</i> , 2021, 73, 101600.	1.0	12
15	NLRP3 inflammasome activation and oxidative stress status in the mild and moderate SARS-CoV-2 infected patients: impact of melatonin as a medicinal supplement. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 37-42.	0.6	11
16	Full-ring Intrastromal Corneal Implantation for Correcting High Myopia in Patients with Severe Keratoconus. <i>Medical Hypothesis, Discovery, and Innovation in Ophthalmology</i> , 2016, 5, 89-95.	0.4	11
17	Investigation of caspase-1 activity and interleukin-1 β production in murine macrophage cell lines infected with <i>Leishmania major</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S70-S73.	0.4	10
18	The Efficient Solubilization and Refolding of Recombinant Organophosphorus Hydrolyses Inclusion Bodies Produced in <i>Escherichia coli</i> . <i>Journal of Applied Biotechnology Reports</i> , 2019, 6, 20-25.	0.9	10

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19	Isolation and characterization of a novel nanobody for detection of GRP78 expressing cancer cells. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 239-246.	1.4	9
20	A novel hydrogel scaffold contained bioactive glass nanowhisiker (BGnW) for osteogenic differentiation of human mesenchymal stem cells (hMSCs) in vitro. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 562-572.	3.6	9
21	Structure prediction, expression, and antigenicity of c�terminal of GRP78. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 117-125.	1.4	8
22	Review of proteomics approach to eye diseases affecting the anterior segment. <i>Journal of Proteomics</i> , 2020, 225, 103881.	1.2	6
23	Emerging tissue engineering strategies for the corneal regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 683-706.	1.3	6
24	Comparison of the MyoRing implantation depth by mechanical dissection using PocketMaker microkeratome versus Melles�hook via AS-OCT. <i>BMC Ophthalmology</i> , 2018, 18, 137.	0.6	5
25	The Role of Inflammatory Cytokines in Neovascularization of Chemical Ocular Injury. <i>Ocular Immunology and Inflammation</i> , 2021, , 1-13.	1.0	5
26	Safety of grafting acellular human corneal lenticule seeded with Wharton's Jelly-Derived Mesenchymal Stem Cells in an experimental animal model. <i>Experimental Eye Research</i> , 2021, 205, 108451.	1.2	5
27	Evaluation of plasma assisted noninvasive surgery (PANIS) as a new approach for the treatment of conjunctivochalasis; a clinical case series. <i>Expert Review of Ophthalmology</i> , 2021, 16, 225-230.	0.3	4
28	Molecular epidemiological study of cutaneous leishmaniasis in the east north of Iran. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S540-S544.	0.5	3
29	Emerging Technologies for the Treatment of COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1321, 81-96.	0.8	3
30	The effect of N-acetyl cysteine and doxycycline on TNF-�-Rel-a inflammatory pathway and downstream angiogenesis factors in the cornea of rats injured by 2-chloroethyl-ethyl sulfide. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 452-460.	1.1	2
31	Safety evaluation of the atmospheric low-temperature plasma (ALTP) on the conjunctiva: an animal study and histopathological findings; 6-month follow-up. <i>BMC Ophthalmology</i> , 2021, 21, 333.	0.6	2
32	A comparative study of laboratory findings in PCR-positive and PCR-negative COVID-19 hospitalized patients. <i>Irish Journal of Medical Science</i> , 2022, 191, 1751-1758.	0.8	2
33	Visual and subjective outcomes following trifocal intraocular lens implantation in Iranian cataractous patients. <i>Oman Journal of Ophthalmology</i> , 2020, 13, 63.	0.2	2
34	Simultaneous Presence of Macular Corneal Dystrophy and Retinitis Pigmentosa in Three Members of a Family. <i>Iranian Journal of Medical Sciences</i> , 2018, 43, 227-230.	0.3	2
35	Evaluating the effectiveness of education in improving public knowledge and awareness of glaucoma. <i>Journal of Ophthalmic and Vision Research</i> , 2019, 14, 121.	0.7	1
36	Topical Effects of N-Acetyl Cysteine and Doxycycline on Inflammatory and Angiogenic Factors in the Rat Model of Alkali-Burned Cornea. <i>Journal of Interferon and Cytokine Research</i> , 2022, , .	0.5	1

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37	Camelid variable fragments of heavy chain antibodies (Nanobody): its applications in research, diagnosis and therapy. <i>Minerva Biotechnology and Biomolecular Research</i> , 2017, 29, .	0.3	0
38	Application of polymethylmethacrylate, acrylic, and silicone in ophthalmology. , 2019, , 507-554.		0
39	Evaluation of a Cationic Antimicrobial Peptide as the New Antibiotic Candidate to Treat <i>Staphylococcus aureus</i> Keratitis. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 755-762.	0.9	0
40	Cloning and secretory expression of functional diisopropyl-fluorophosphatase (DFPase) in <i>Bacillus subtilis</i> . <i>Journal of Shahrekord University of Medical Sciences</i> , 2021, 23, 87-92.	0.1	0
41	Comment on "Role of corneal collagen fibrils in corneal disorders and related pathological conditions": <i>International Journal of Ophthalmology</i> , 2019, 12, 1056.	0.5	0
42	Safety and Efficacy of Oral Supplementation of Lentil (<i>Lens culinaris</i> Medic) in Dry Eye Patients. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1328, 377-384.	0.8	0
43	Catalytic and structural effects of flexible loop deletion in organophosphorus hydrolase enzyme: A thermostability improvement mechanism. <i>Journal of Biosciences</i> , 2020, 45, .	0.5	0