

Ashok Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

8,095
citations

159585

30
h-index

54911

84
g-index

104
all docs

104
docs citations

104
times ranked

17210
citing authors

#	ARTICLE	IF	CITATIONS
1	Attitude and Perception of Nursing Personnel Involved in Real Time Remote Audio-Visual Aided (RT-RAVA) Monitoring of Doffing for the Prevention of Covid-19 Infection among the Health Care Workers. <i>Hospital Topics</i> , 2024, 102, 1-8.	0.5	1
2	Perception and Attitude of Health Care Personnel Regarding Integration of Nursing Education and Nursing Services for Patient Care at a Tertiary Care Center of Northern India. <i>Hospital Topics</i> , 2023, 101, 175-183.	0.5	0
3	Tele-Otolaryngology at a Tertiary Care Center in North India During COVID-19 Pandemic Lockdown: A Validated Patient Feedback Questionnaire Based Study. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2022, 74, 2985-2998.	0.9	1
4	SARS-CoV-2 and its beta variant of concern infect human conjunctival epithelial cells and induce differential antiviral innate immune response. <i>Ocular Surface</i> , 2022, 23, 184-194.	4.4	20
5	Accuracy of intravitreal injection volume for aflibercept pre-filled syringe and BD Luer-Lok one-milliliter syringe. <i>International Journal of Retina and Vitreous</i> , 2022, 8, 27.	1.9	8
6	Essential Role of NLRP3 Inflammasome in Mediating IL-1 β Production and the Pathobiology of Staphylococcus aureus Endophthalmitis. <i>Infection and Immunity</i> , 2022, 90, e0010322.	2.2	7
7	Efficacy of 0.01% low dose atropine and its correlation with various factors in myopia control in the Indian population. <i>Scientific Reports</i> , 2022, 12, 7113.	3.3	6
8	Blood-based untargeted metabolomics in relapsing-remitting multiple sclerosis revealed the testable therapeutic target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	25
9	Aspergillus Endophthalmitis: Epidemiology, Pathobiology, and Current Treatments. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 656.	3.5	5
10	Prevalence of SARS-CoV-2 in human post-mortem ocular tissues. <i>Ocular Surface</i> , 2021, 19, 322-329.	4.4	91
11	Systemic diseases and the cornea. <i>Experimental Eye Research</i> , 2021, 204, 108455.	2.6	46
12	Comprehensive Analysis to Uncover Determinants of Patient Appointment Compliance in Ophthalmology at the Kresge Eye Institute, USA. <i>Patient Preference and Adherence</i> , 2021, Volume 15, 589-600.	1.8	3
13	IFN- γ Regulates Neutrophil Biology to Suppress Inflammation in Herpes Simplex Virus-1 Induced Corneal Immunopathology. <i>Journal of Immunology</i> , 2021, 206, 1866-1877.	0.8	10
14	Impact of the COVID-19 Pandemic on Keratoplasty and Corneal Eye Banking. <i>Cornea</i> , 2021, 40, 1018-1023.	1.7	13
15	Povidone-Iodine Attenuates Viral Replication in Ocular Cells: Implications for Ocular Transmission of RNA Viruses. <i>Biomolecules</i> , 2021, 11, 753.	4.0	8
16	Integrative metabolomics and transcriptomics identifies itaconate as an adjunct therapy to treat ocular bacterial infection. <i>Cell Reports Medicine</i> , 2021, 2, 100277.	6.5	20
17	COVID-19 associated mucormycosis: An updated systematic review of literature. <i>Mycoses</i> , 2021, 64, 1452-1459.	4.0	185
18	Identification of novel genes involved in apoptosis of HIV-infected macrophages using unbiased genome-wide screening. <i>BMC Infectious Diseases</i> , 2021, 21, 655.	2.9	0

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19	Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Triggers Differential Inflammatory Response in Patients With Endophthalmitis. <i>Translational Vision Science and Technology</i> , 2021, 10, 26.	2.2	8
20	TLR-4 Agonist Induces IFN- β Production Selectively in Proinflammatory Human M1 Macrophages through the PI3K-mTOR and JNK-MAPK Activated p70S6K Pathway. <i>Journal of Immunology</i> , 2021, 207, 2310-2324.	0.8	15
21	Causal relationship between D-dimers and disease status in chronic spontaneous urticaria and adjuvant effect of oral tranexamic acid. <i>Indian Dermatology Online Journal</i> , 2021, 12, 726-730.	0.5	2
22	Factors Predicting the Outcome of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: A 5-Year Retrospective Study. <i>Indian Dermatology Online Journal</i> , 2021, 12, 258-265.	0.5	1
23	Bacterial Burden Declines But Neutrophil Infiltration and Ocular Tissue Damage Persist in Experimental <i>Staphylococcus epidermidis</i> Endophthalmitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 780648.	3.9	10
24	Role of RIPK1 in SMAC mimetics-induced apoptosis in primary human HIV-infected macrophages. <i>Scientific Reports</i> , 2021, 11, 22901.	3.3	4
25	Evaluation of plasma amyloid peptides A β ₁₋₄₀ and A β ₁₋₄₂ as diagnostic biomarker of alzheimer's disease, its association with different grades of clinical severity and 18f-fluorodeoxyglucose positron emission tomography Z score in the Indian population: A case-control study. <i>Indian Journal of Nuclear Medicine</i> , 2021, 36, 391.	0.3	1
26	Vitreous D-Lactate Levels as a Biomarker in the Diagnosis of Presumed Infectious Culture Negative Endophthalmitis. <i>Current Eye Research</i> , 2020, 45, 184-189.	1.5	8
27	Toll-like receptor 2 (TLR2) engages endoplasmic reticulum stress sensor IRE1 to regulate retinal innate responses in <i>Staphylococcus aureus</i> endophthalmitis. <i>FASEB Journal</i> , 2020, 34, 13826-13838.	0.5	11
28	Evaluation of Susceptibility and Innate Immune Response in C57BL/6 and BALB/c Mice During <i>Candida albicans</i> Endophthalmitis. , 2020, 61, 31.		5
29	Microglial Response to <i>Aspergillus flavus</i> and <i>Candida albicans</i> : Implications in Endophthalmitis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 162.	3.5	3
30	Ageing, But Not Sex and Genetic Diversity, Impacts the Pathobiology of Bacterial Endophthalmitis. , 2020, 61, 5.		11
31	Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Evokes Differential Inflammatory Responses in Human Microglial and Retinal Pigment Epithelial Cells. <i>Microorganisms</i> , 2020, 8, 735.	3.6	8
32	Glycolytic inhibitor 2-deoxyglucose suppresses inflammatory response in innate immune cells and experimental staphylococcal endophthalmitis. <i>Experimental Eye Research</i> , 2020, 197, 108079.	2.6	19
33	Diagnostic cut-offs, prevalence, and biochemical predictors of sarcopenia in healthy Indian adults: The Sarcopenia-Chandigarh Urban Bone Epidemiological Study (Sarco-CUBES). <i>European Geriatric Medicine</i> , 2020, 11, 725-736.	2.8	28
34	AMP-Activated Protein Kinase Restricts Zika Virus Replication in Endothelial Cells by Potentiating Innate Antiviral Responses and Inhibiting Glycolysis. <i>Journal of Immunology</i> , 2020, 204, 1810-1824.	0.8	58
35	Hippo Signaling Pathway Has a Critical Role in Zika Virus Replication and in the Pathogenesis of Neuroinflammation. <i>American Journal of Pathology</i> , 2020, 190, 844-861.	3.8	30
36	Clopidogrel response in ischemic stroke patients: Is polymorphism or gender more important? Results of the CRISP study. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 81-86.	1.5	5

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37	Association of culprit lesion plaque characteristics with flow restoration post-fibrinolysis in ST-segment elevation myocardial infarction: an intravascular ultrasound-virtual histology study. <i>Egyptian Heart Journal</i> , 2020, 72, 86.	1.2	2
38	Pathobiology of <i>Aspergillus Fumigatus</i> Endophthalmitis in Immunocompetent and Immunocompromised Mice. <i>Microorganisms</i> , 2019, 7, 297.	3.6	21
39	Comparing azathioprine with cyclosporine in the treatment of antihistamine refractory chronic spontaneous urticaria: A randomized prospective active-controlled non-inferiority study. <i>World Allergy Organization Journal</i> , 2019, 12, 100033.	3.5	19
40	Zika Virus Infects Trabecular Meshwork and Causes Trabeculitis and Glaucomatous Pathology in Mouse Eyes. <i>MSphere</i> , 2019, 4, .	2.9	26
41	Chronic Hepatitis C Virus Infection Impairs M1 Macrophage Differentiation and Contributes to CD8+ T-Cell Dysfunction. <i>Cells</i> , 2019, 8, 374.	4.1	23
42	Interferon-stimulated gene 15 (ISG15) restricts Zika virus replication in primary human corneal epithelial cells. <i>Ocular Surface</i> , 2019, 17, 551-559.	4.4	40
43	Occurrence of extended-spectrum β -lactamase-producing bacteria in urban Clinton River habitat. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 225-235.	2.2	10
44	Zebrafish are Resistant to <i>Staphylococcus aureus</i> Endophthalmitis. <i>Pathogens</i> , 2019, 8, 207.	2.8	5
45	Differential remodeling of the electron transport chain is required to support TLR3 and TLR4 signaling and cytokine production in macrophages. <i>Scientific Reports</i> , 2019, 9, 18801.	3.3	18
46	Topical Tazarotene Gel, 0.1%, as a Novel Treatment Approach for Atrophic Postacne Scars. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 125-132.	2.1	22
47	Aerosol exposure enhanced infection of low pathogenic avian influenza viruses in chickens. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 435-444.	3.0	9
48	The effect of chair-based pedal exercises for older people admitted to an acute hospital compared to standard care: a feasibility study. <i>Age and Ageing</i> , 2018, 47, 483-486.	1.6	3
49	Ocular Manifestations of Emerging Flaviviruses and the Blood-Retinal Barrier. <i>Viruses</i> , 2018, 10, 530.	3.3	49
50	Isavuconazole for Treatment of Experimental Fungal Endophthalmitis Caused by <i>Aspergillus fumigatus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	23
51	Determination of system level alterations in host transcriptome due to Zika virus (ZIKV) Infection in retinal pigment epithelium. <i>Scientific Reports</i> , 2018, 8, 11209.	3.3	37
52	Progressive outer retinal necrosis after rituximab and cyclophosphamide therapy. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 591.	1.1	9
53	H9N2 avian influenza virus retained low pathogenicity after serial passage in chickens. <i>Canadian Journal of Veterinary Research</i> , 2018, 82, 131-138.	0.2	3
54	The Challenges of Anaesthesia and Pain Relief in Hip Fracture Care. <i>Drugs and Aging</i> , 2017, 34, 1-11.	2.7	30

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55	Assessment of Neurotrophins and Inflammatory Mediators in Vitreous of Patients With Diabetic Retinopathy. , 2017, 58, 5594.		140
56	Zika virus infects cells lining the blood-retinal barrier and causes chorioretinal atrophy in mouse eyes. JCI Insight, 2017, 2, e92340.	5.0	104
57	Mechanisms Underlying the Immune Response Generated by an Oral Vibrio cholerae Vaccine. International Journal of Molecular Sciences, 2016, 17, 1062.	4.1	8
58	5-Aminoimidazole-4-carboxamide ribonucleoside-mediated adenosine monophosphate-activated protein kinase activation induces protective innate responses in bacterial endophthalmitis. Cellular Microbiology, 2016, 18, 1815-1830.	2.1	37
59	Temporal retinal transcriptome and systems biology analysis identifies key pathways and hub genes in Staphylococcus aureus endophthalmitis. Scientific Reports, 2016, 6, 21502.	3.3	30
60	Quantitation of antibiotic resistance genes pollution in hospital waste water effluent and Urban Clinton River Water, Michigan, USA. Current Medicine Research and Practice, 2016, 6, 149-151.	0.1	15
61	Toll-like Receptor (TLR) Signaling Interacts with CREBH to Modulate High-density Lipoprotein (HDL) in Response to Bacterial Endotoxin. Journal of Biological Chemistry, 2016, 291, 23149-23158.	3.4	20
62	AMP-Activated Protein Kinase Suppresses Autoimmune Central Nervous System Disease by Regulating M1-Type Macrophageâ€™Th17 Axis. Journal of Immunology, 2016, 197, 747-760.	0.8	25
63	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
64	Catalase Therapy Corrects Oxidative Stress-Induced Pathophysiology in Incipient Diabetic Retinopathy. , 2015, 56, 3095.		55
65	In Vivo Role of TLR2 and MyD88 Signaling in Eliciting Innate Immune Responses in Staphylococcal Endophthalmitis. Investigative Ophthalmology and Visual Science, 2015, 56, 1719-1732.	3.3	45
66	Role of Staphylococcus aureus Virulence Factors in Inducing Inflammation and Vascular Permeability in a Mouse Model of Bacterial Endophthalmitis. PLoS ONE, 2015, 10, e0128423.	2.5	44
67	Occurrence of Multidrug Resistant Extended Spectrum Beta-Lactamase-Producing Bacteria on Iceberg Lettuce Retailed for Human Consumption. BioMed Research International, 2015, 2015, 1-10.	1.9	30
68	Matrix Metalloproteinase-13 as a Target for Suppressing Corneal Ulceration Caused by Pseudomonas aeruginosa Infection. Journal of Infectious Diseases, 2015, 212, 116-127.	4.0	25
69	Untargeted Plasma Metabolomics Identifies Endogenous Metabolite with Drug-like Properties in Chronic Animal Model of Multiple Sclerosis. Journal of Biological Chemistry, 2015, 290, 30697-30712.	3.4	76
70	APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. PLoS Genetics, 2015, 11, e1005432.	3.5	77
71	Retinal Photoreceptor Expresses Toll-Like Receptors (TLRs) and Elicits Innate Responses Following TLR Ligand and Bacterial Challenge. PLoS ONE, 2015, 10, e0119541.	2.5	32
72	Pathogenicity of Ocular Isolates of <i>Acinetobacter baumannii</i> in a Mouse Model of Bacterial Endophthalmitis. , 2014, 55, 2392.		22

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73	Virulence Properties of Multidrug Resistant Ocular Isolates of <i>Acinetobacter baumannii</i> . <i>Current Eye Research</i> , 2014, 39, 695-704.	1.5	15
74	Intravitreal Injection of the Chimeric Phage Endolysin Ply187 Protects Mice from <i>Staphylococcus aureus</i> Endophthalmitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4621-4629.	3.2	76
75	Antibacterial responses of retinal Müller glia: production of antimicrobial peptides, oxidative burst and phagocytosis. <i>Journal of Neuroinflammation</i> , 2014, 11, 33.	7.2	36
76	MicroRNA-146 Inhibits Thrombin-Induced NF- κ B Activation and Subsequent Inflammatory Responses in Human Retinal Endothelial Cells. , 2014, 55, 4944.		75
77	Skill Development Regarding Use of Metered Dose Inhaler (MDI) Amongst School Teachers of Northern India. <i>Indian Journal of Pediatrics</i> , 2013, 80, 903-906.	0.8	3
78	Prevalence of multiple antibiotic-resistant Gram-negative bacteria on bagged, ready-to-eat baby spinach. <i>International Journal of Environmental Health Research</i> , 2013, 23, 108-118.	2.7	20
79	Interferon Regulatory Factor-1 in Flagellin-Induced Reprogramming: Potential Protective Role of CXCL10 in Cornea Innate Defense Against <i>Pseudomonas aeruginosa</i> Infection. , 2013, 54, 7510.		22
80	Müller Glia in Retinal Innate Immunity: A Perspective on Their Roles in Endophthalmitis. <i>Critical Reviews in Immunology</i> , 2013, 33, 119-135.	0.5	72
81	Targeting toll-like receptor signaling as a novel approach to prevent ocular infectious diseases. <i>Indian Journal of Medical Research</i> , 2013, 138, 609-19.	1.0	22
82	Toll-Like Receptor 2 Ligand Pretreatment Attenuates Retinal Microglial Inflammatory Response but Enhances Phagocytic Activity toward <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2012, 80, 2076-2088.	2.2	80
83	Retinal Müller Glia Initiate Innate Response to Infectious Stimuli via Toll-Like Receptor Signaling. <i>PLoS ONE</i> , 2012, 7, e29830.	2.5	69
84	TLR2 Mediates the Innate Response of Retinal Müller Glia to <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2011, 186, 7089-7097.	0.8	58
85	Topical flagellin protects the injured corneas from <i>Pseudomonas aeruginosa</i> infection. <i>Microbes and Infection</i> , 2010, 12, 978-989.	1.9	44
86	Toll-Like Receptor 2 Ligand-Induced Protection against Bacterial Endophthalmitis. <i>Journal of Infectious Diseases</i> , 2010, 201, 255-263.	4.0	62
87	<i>Staphylococcus aureus</i> lipoproteins trigger human corneal epithelial innate response through toll-like receptor-2. <i>Microbial Pathogenesis</i> , 2008, 44, 426-434.	2.9	54
88	Flagellin Suppresses the Inflammatory Response and Enhances Bacterial Clearance in a Murine Model of <i>Pseudomonas aeruginosa</i> Keratitis. <i>Infection and Immunity</i> , 2008, 76, 89-96.	2.2	70
89	Modulation of Corneal Epithelial Innate Immune Response to <i>Pseudomonas</i> Infection by Flagellin Pretreatment. , 2007, 48, 4664.		57
90	<i>Staphylococcus aureus</i> protein A induced inflammatory response in human corneal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 955-961.	2.1	34

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91	Toll-like receptor 3 agonist poly(I:C)-induced antiviral response in human corneal epithelial cells. Immunology, 2006, 117, 11-21.	4.4	200
92	Herpes simplex virus 1 infection induces the expression of proinflammatory cytokines, interferons and TLR7 in human corneal epithelial cells. Immunology, 2006, 117, 167-176.	4.4	132
93	Toll-like receptor 2-mediated expression of β -defensin-2 in human corneal epithelial cells. Microbes and Infection, 2006, 8, 380-389.	1.9	115
94	Toll-Like Receptors and Corneal Innate Immunity. Current Molecular Medicine, 2006, 6, 327-337.	1.3	109
95	Analysis of genetic diversity among <i>Staphylococcus aureus</i> isolates from patients with deep-seated and superficial staphylococcal infections using pulsed-field gel electrophoresis. Scandinavian Journal of Infectious Diseases, 2006, 38, 418-426.	1.5	6
96	A comparative analysis of antibody repertoire against <i>Staphylococcus aureus</i> antigens in Patients with Deep-Seated versus Superficial staphylococcal Infections. International Journal of Medical Sciences, 2005, 2, 129-136.	2.5	20
97	Innate Immune Response of Corneal Epithelial Cells to <i>Staphylococcus aureus</i> Infection: Role of Peptidoglycan in Stimulating Proinflammatory Cytokine Secretion. , 2004, 45, 3513.		110
98	Intricacy of Mitochondrial Dynamics and Antiviral Response During RNA Virus Infection. Frontiers in Virology, 0, 2, .	1.4	0