

Pawan K Singh

List of Publications by Year in descending order

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26
papers

1,033
citations

586496

16
h-index

759306

22
g-index

26
all docs

26
docs citations

26
times ranked

1622
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential Role of NLRP3 Inflammasome in Mediating IL-1 β Production and the Pathobiology of Staphylococcus aureus Endophthalmitis. Infection and Immunity, 2022, 90, e0010322.	1.0	7
2	Integrative metabolomics and transcriptomics identifies itaconate as an adjunct therapy to treat ocular bacterial infection. Cell Reports Medicine, 2021, 2, 100277.	3.3	20
3	Toll-like receptor 2 (TLR2) engages endoplasmic reticulum stress sensor IRE1 α to regulate retinal innate responses in Staphylococcus aureus endophthalmitis. FASEB Journal, 2020, 34, 13826-13838.	0.2	11
4	Evaluation of Susceptibility and Innate Immune Response in C57BL/6 and BALB/c Mice During Candida albicans Endophthalmitis. , 2020, 61, 31.		5
5	Aging, But Not Sex and Genetic Diversity, Impacts the Pathobiology of Bacterial Endophthalmitis. , 2020, 61, 5.		11
6	Glycolytic inhibitor 2-deoxyglucose suppresses inflammatory response in innate immune cells and experimental staphylococcal endophthalmitis. Experimental Eye Research, 2020, 197, 108079.	1.2	19
7	AMP-Activated Protein Kinase Restricts Zika Virus Replication in Endothelial Cells by Potentiating Innate Antiviral Responses and Inhibiting Glycolysis. Journal of Immunology, 2020, 204, 1810-1824.	0.4	58
8	Pathobiology of Aspergillus Fumigatus Endophthalmitis in Immunocompetent and Immunocompromised Mice. Microorganisms, 2019, 7, 297.	1.6	21
9	Zika Virus Infects Trabecular Meshwork and Causes Trabeculitis and Glaucomatous Pathology in Mouse Eyes. MSphere, 2019, 4, .	1.3	26
10	Interferon-stimulated gene 15 (ISG15) restricts Zika virus replication in primary human corneal epithelial cells. Ocular Surface, 2019, 17, 551-559.	2.2	40
11	Zebrafish are Resistant to Staphylococcus aureus Endophthalmitis. Pathogens, 2019, 8, 207.	1.2	5
12	Isavuconazole for Treatment of Experimental Fungal Endophthalmitis Caused by Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	23
13	Determination of system level alterations in host transcriptome due to Zika virus (ZIKV) Infection in retinal pigment epithelium. Scientific Reports, 2018, 8, 11209.	1.6	37
14	Assessment of Neurotrophins and Inflammatory Mediators in Vitreous of Patients With Diabetic Retinopathy. , 2017, 58, 5594.		140
15	Zika virus infects cells lining the blood-retinal barrier and causes chorioretinal atrophy in mouse eyes. JCI Insight, 2017, 2, e92340.	2.3	104
16	Temporal retinal transcriptome and systems biology analysis identifies key pathways and hub genes in Staphylococcus aureus endophthalmitis. Scientific Reports, 2016, 6, 21502.	1.6	30
17	Construction of Recombinant Single Chain Variable Fragment (ScFv) Antibody Against Superantigen for Immunodetection Using Antibody Phage Display Technology. Methods in Molecular Biology, 2016, 1396, 207-225.	0.4	3
18	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

#	ARTICLE	IF	CITATIONS
19	ALP2 Regulates Refractive Error and Myopia Development in Mice and Humans. <i>PLoS Genetics</i> , 2015, 11, e1005432.	1.5	77
20	Retinal Photoreceptor Expresses Toll-Like Receptors (TLRs) and Elicits Innate Responses Following TLR Ligand and Bacterial Challenge. <i>PLoS ONE</i> , 2015, 10, e0119541.	1.1	32
21	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.	1.4	76
22	Antibacterial responses of retinal Müller glia: production of antimicrobial peptides, oxidative burst and phagocytosis. <i>Journal of Neuroinflammation</i> , 2014, 11, 33.	3.1	36
23	MicroRNA-146 Inhibits Thrombin-Induced NF- κ B Activation and Subsequent Inflammatory Responses in Human Retinal Endothelial Cells. , 2014, 55, 4944.		75
24	Müller Glia in Retinal Innate Immunity: A Perspective on Their Roles in Endophthalmitis. <i>Critical Reviews in Immunology</i> , 2013, 33, 119-135.	1.0	72
25	Molecularly imprinted polymer for the recognition of biological warfare agent staphylococcal enterotoxin B based on Surface Plasmon Resonance. <i>Thin Solid Films</i> , 2010, 519, 1115-1121.	0.8	32
26	Surface plasmon resonance detection of biological warfare agent Staphylococcal enterotoxin B using high affinity monoclonal antibody. <i>Thin Solid Films</i> , 2010, 519, 1171-1177.	0.8	28