

# Suresh G Joshi

## List of Publications by Year in descending order

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64  
papers

2,154  
citations

257101

24  
h-index

233125

45  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2333  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Association of Pathogens and Biofilms with Alzheimer's Disease. <i>Microorganisms</i> , 2022, 10, 56.	1.6	5
2	Carbapenem resistance in <i>Acinetobacter baumannii</i> , and their importance in hospital-acquired infections: a scientific review. <i>Journal of Applied Microbiology</i> , 2021, 131, 2715-2738.	1.4	96
3	Evaluation of Cellular and Systemic Toxicity of Dielectric Barrier Discharge Plasma-Treated N-Acetylcysteine as Potential Antimicrobial Catheter Lock Solution. <i>Plasma</i> , 2021, 4, 732-744.	0.7	2
4	Rapid, label-free genetic detection of enteropathogens in stool without genetic isolation or amplification. <i>Biosensors and Bioelectronics</i> , 2019, 130, 73-80.	5.3	13
5	<i>Escherichia coli</i> cellular responses to exposure to atmospheric-pressure dielectric barrier discharge plasma-treated N-acetylcysteine solution. <i>Journal of Applied Microbiology</i> , 2018, 125, 383-397.	1.4	17
6	Involvement of multiple stressors induced by non-thermal plasma-charged aerosols during inactivation of airborne bacteria. <i>PLoS ONE</i> , 2017, 12, e0171434.	1.1	30
7	Molecular characterization of $\beta$ -lactamase genes in clinical isolates of carbapenem-resistant <i>Acinetobacter baumannii</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2017, 16, 75.	1.7	44
8	Alzheimer's Disease: The Novel Finding of Intracellular Biofilms. <i>Journal of Neuroinfectious Diseases</i> , 2017, 08, .	0.2	8
9	Penicillin: The Old/New Wonder Drug. <i>Advanced Techniques in Biology &amp; Medicine</i> , 2017, 05, .	0.1	7
10	Alzheimer's disease: A Commentary on Biofilms, Beta Amyloid and their Locations. <i>Journal of Ancient Diseases &amp; Preventive Remedies</i> , 2016, 04, .	0.2	0
11	Lyme Disease: Beyond Erythema Migrans. <i>Journal of Clinical &amp; Experimental Dermatology Research</i> , 2016, 07, .	0.1	5
12	Oxidation of N-Acetylcysteine (NAC) under Nanosecond-Pulsed Nonthermal Dielectric Barrier Discharge Plasma. <i>Plasma Medicine</i> , 2016, 6, 265-272.	0.2	1
13	Chemical Changes in Nonthermal Plasma-Treated N-Acetylcysteine (NAC) Solution and Their Contribution to Bacterial Inactivation. <i>Scientific Reports</i> , 2016, 6, 20365.	1.6	62
14	Studies on <i>Acinetobacter baumannii</i> involving multiple mechanisms of carbapenem resistance. <i>Journal of Applied Microbiology</i> , 2016, 120, 619-629.	1.4	30
15	Nicotine and Alzheimer's Disease: Mechanism for How the Fog of Smoke Increases the Fog of Dementia. <i>Journal of Neuroinfectious Diseases</i> , 2016, 07, .	0.2	2
16	Arteriosclerosis: The Novel Finding of Biofilms and Innate Immune System Activity within the Plaques. <i>Journal of Medical &amp; Surgical Pathology</i> , 2016, 01, .	0.2	4
17	Phenotypic ESBL Detection in <i>Acinetobacter baumannii</i> : A Real Challenge. <i>American Journal of Infectious Diseases</i> , 2015, 11, 48-53.	0.1	10
18	Preservation of imaging capability in sensitive ultrasound contrast agents after indirect plasma sterilization. <i>International Journal of Pharmaceutics</i> , 2015, 494, 146-151.	2.6	2

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19	Atmospheric Nonthermal Plasma-Treated PBS Inactivates Escherichia coli by Oxidative DNA Damage. PLoS ONE, 2015, 10, e0139903.	1.1	49
20	Microarray Analysis of Transcriptomic Response of Escherichia coli to Nonthermal Plasma-Treated PBS Solution. Advances in Bioscience and Biotechnology (Print), 2015, 06, 49-62.	0.3	9
21	Calcium Binding-Mediated Sustained Release of Minocycline from Hydrophilic Multilayer Coatings Targeting Infection and Inflammation. PLoS ONE, 2014, 9, e84360.	1.1	13
22	Controlled topical delivery of nitric oxide for treating infected cutaneous wounds. , 2014, , .		0
23	The Presence and Impact of Biofilm-Producing Staphylococci in Atopic Dermatitis. JAMA Dermatology, 2014, 150, 260.	2.0	105
24	Control of Multi-Drug-Resistant Pathogens with Non-Thermal-Plasma-Treated Alginate Wound Dressing. Surgical Infections, 2014, 15, 233-243.	0.7	29
25	Antimicrobial efficacy and wound-healing property of a topical ointment containing nitric-oxide-loaded zeolites. Journal of Medical Microbiology, 2014, 63, 203-209.	0.7	73
26	Inhibition of Biofilms by Non-Thermal Plasma Treated Novel Solutions. Advances in Microbiology, 2014, 04, 1188-1196.	0.3	15
27	Rhinocerebral mucormycosis in a patient with pre-B cell acute lymphoblastic leukaemia: PCR identifying Rhizopus oryzae from culture-negative tissue specimens. JMM Case Reports, 2014, 1, .	1.3	3
28	Nonequilibrium Plasma-Activated Antimicrobial Solutions are Broad-Spectrum and Retain their Efficacies for Extended Period of Time. Plasma Processes and Polymers, 2013, 10, 544-555.	1.6	107
29	Porcine intact and wounded skin responses to atmospheric nonthermal plasma. Journal of Surgical Research, 2013, 179, e1-e12.	0.8	67
30	Patient Demographics and Characteristics of Infection with Carbapenem-Resistant Acinetobacter baumannii in a Teaching Hospital from the United States. Advances in Infectious Diseases, 2013, 03, 10-16.	0.0	7
31	Acinetobacter baumannii: An emerging pathogenic threat to public health. World Journal of Clinical Infectious Diseases, 2013, 3, 25.	0.5	39
32	Analysis of the Mechanisms That Underlie Absorption of Botulinum Toxin by the Inhalation Route. Infection and Immunity, 2012, 80, 4133-4142.	1.0	18
33	Occurrence of and risk factors for methicillin-resistant Staphylococcus aureus at a teaching hospital in Philadelphia. American Journal of Infection Control, 2012, 40, 381-383.	1.1	3
34	Alginate Gels Treated With Nonthermal Plasma: A Novel Wound Dressing. Journal of Surgical Research, 2012, 172, 299.	0.8	0
35	Institutional MRSA screening practice and policies. American Journal of Infection Control, 2012, 40, 901.	1.1	2
36	Induction of a viable but nonculturable state in bacteria treated with gas discharge plasma: a response to the Letter of Brelles-Mariño (2012). Journal of Applied Microbiology, 2012, 112, 414-415.	1.4	2

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37	Detection of biologically active botulinum neurotoxin-A in serum using high-throughput FRET-assay. <i>Journal of Pharmacological and Toxicological Methods</i> , 2012, 65, 8-12.	0.3	12
38	Plasma acid and its applications. , 2011, , .		0
39	Nonthermal Dielectric-Barrier Discharge Plasma-Induced Inactivation Involves Oxidative DNA Damage and Membrane Lipid Peroxidation in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1053-1062.	1.4	395
40	Isolation of <i>Burkholderia cenocepacia</i> J 2315 from non-cystic fibrosis pediatric patients in India. <i>American Journal of Infection Control</i> , 2011, 39, e21-e23.	1.1	4
41	Modulation of botulinum toxin-induced changes in neuromuscular function with antibodies directed against recombinant polypeptides or fragments. <i>Neuroscience</i> , 2011, 179, 208-222.	1.1	14
42	Live Pig Skin Tissue and Wound Toxicity of Cold Plasma Treatment. <i>Plasma Medicine</i> , 2011, 1, 93-108.	0.2	42
43	Fulminating septicemia due to persistent pan-resistant community-acquired metallo- $\beta$ -lactamase (IMP-1)-positive <i>Acinetobacter baumannii</i> . <i>Indian Journal of Pathology and Microbiology</i> , 2011, 54, 180.	0.1	9
44	Biological responses of <i>Bacillus stratosphericus</i> to Floating Electrode-Dielectric Barrier Discharge Plasma Treatment. <i>Journal of Applied Microbiology</i> , 2010, 109, 2039-2048.	1.4	97
45	An increased incidence of biofilm-producing multidrug-resistant methicillin-resistant <i>Staphylococcus aureus</i> in a tertiary care hospital from India: A 2-year study. <i>American Journal of Infection Control</i> , 2010, 38, 165-166.	1.1	9
46	Control of methicillin-resistant <i>Staphylococcus aureus</i> in planktonic form and biofilms: A biocidal efficacy study of nonthermal dielectric-barrier discharge plasma. <i>American Journal of Infection Control</i> , 2010, 38, 293-301.	1.1	154
47	Effect of liquid modified by non-equilibrium atmospheric pressure plasmas on bacteria inactivation rates. , 2010, , .		3
48	Localization of the sites and characterization of the mechanisms by which anti-light chain antibodies neutralize the actions of the botulinum holotoxin. <i>Vaccine</i> , 2009, 27, 2616-2624.	1.7	27
49	PER-1-type extended-spectrum $\beta$ -lactamase-producing <i>Acinetobacter baumannii</i> clinical isolates from India. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 388-389.	1.1	8
50	Aerobic reduction of perchlorate by bacteria isolated in Kerala, South India. <i>Journal of Applied Genetics</i> , 2008, 49, 425-431.	1.0	9
51	The Role of Systemic Handling in the Pathophysiologic Actions of Botulinum Toxin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 856-863.	1.3	28
52	<i>Rickettsia rickettsii</i> infection causes apoptotic death of cultured cerebellar granule neurons. <i>Journal of Medical Microbiology</i> , 2007, 56, 138-141.	0.7	14
53	Prevalence of cryptococcal meningitis at a tertiary care centre in Western India (1996-2005). <i>Journal of Medical Microbiology</i> , 2006, 55, 1301-1302.	0.7	17
54	An Initial Assessment of the Systemic Pharmacokinetics of Botulinum Toxin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1343-1351.	1.3	86

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55	Clinical and demographic features of infection caused by <i>Acinetobacter</i> species. <i>Indian Journal of Medical Sciences</i> , 2006, 60, 351.	0.1	32
56	Potential Roles for Regulatory Oxygenases in Rickettsial Pathogenesis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 207-214.	1.8	11
57	The Role of Exoproteases in Governing Intraneuronal Metabolism of Botulinum Toxin. <i>Protein Journal</i> , 2005, 24, 155-165.	0.7	9
58	NF- $\kappa$ B activation suppresses host cell apoptosis during <i>Rickettsia rickettsii</i> infection via regulatory effects on intracellular localization or levels of apoptogenic and anti-apoptotic proteins. <i>FEMS Microbiology Letters</i> , 2004, 234, 333-341.	0.7	41
59	NF- $\kappa$ B activation suppresses host cell apoptosis during <i>Rickettsia rickettsii</i> infection via regulatory effects on intracellular localization or levels of apoptogenic and anti-apoptotic proteins. <i>FEMS Microbiology Letters</i> , 2004, 234, 333-341.	0.7	70
60	Immunofluorescent detection of activation of initiator caspases-8 and -9 during pharmacologically induced apoptosis of cultured HeLa and endothelial cells. <i>Histochemistry and Cell Biology</i> , 2003, 119, 463-468.	0.8	9
61	Multidrug resistant <i>Acinetobacter baumannii</i> isolates from a teaching hospital. <i>Journal of Infection and Chemotherapy</i> , 2003, 9, 187-190.	0.8	24
62	Interactions of <i>Rickettsia rickettsii</i> with Endothelial Nuclear Factor- $\kappa$ B in a Cell-Free System. <i>Annals of the New York Academy of Sciences</i> , 2003, 990, 635-641.	1.8	14
63	Nuclear Factor- $\kappa$ B Protects against Host Cell Apoptosis during <i>Rickettsia rickettsii</i> Infection by Inhibiting Activation of Apical and Effector Caspases and Maintaining Mitochondrial Integrity. <i>Infection and Immunity</i> , 2003, 71, 4127-4136.	1.0	82
64	Plasmid-borne extended-spectrum $\beta$ -lactamase in a clinical isolate of <i>Acinetobacter baumannii</i> . <i>Journal of Medical Microbiology</i> , 2003, 52, 1125-1127.	0.7	15