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List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,018
citations

279487

23
h-index

253896

43
g-index

59
all docs

59
docs citations

59
times ranked

2557
citing authors

#	ARTICLE	IF	CITATIONS
1	Presence of antibiotic residues in various environmental compartments of Shandong province in eastern China: Its potential for resistance development and ecological and human risk. <i>Environment International</i> , 2018, 114, 131-142.	4.8	281
2	Antibiotics and antibiotic-resistant bacteria in waters associated with a hospital in Ujjain, India. <i>BMC Public Health</i> , 2010, 10, 414.	1.2	195
3	Therapeutic Characterization and Efficacy of Bacteriophage Cocktails Infecting <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , and <i>Enterobacter</i> Species. <i>Frontiers in Microbiology</i> , 2019, 10, 574.	1.5	120
4	Antibiotics in Wastewater of a Rural and an Urban Hospital before and after Wastewater Treatment, and the Relationship with Antibiotic Use—A One Year Study from Vietnam. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 588.	1.2	116
5	Understanding and changing human behaviour—antibiotic mainstreaming as an approach to facilitate modification of provider and consumer behaviour. <i>Upsala Journal of Medical Sciences</i> , 2014, 119, 125-133.	0.4	67
6	The distribution of carbapenem- and colistin-resistance in Gram-negative bacteria from the Tamil Nadu region in India. <i>Journal of Medical Microbiology</i> , 2017, 66, 874-883.	0.7	66
7	Disinfection of Multidrug Resistant <i>Escherichia coli</i> by Solar-Photocatalysis using Fe-doped ZnO Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 104.	1.6	65
8	Antibiotic residues in the environment of South East Asia. <i>BMJ: British Medical Journal</i> , 2017, 358, j2440.	2.4	65
9	Sunlight Assisted Photocatalytic Degradation of Ciprofloxacin in Water Using Fe Doped ZnO Nanoparticles for Potential Public Health Applications. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2440.	1.2	62
10	Isolation, characterization and in vivo efficacy of <i>Escherichia</i> phage myPSH1131. <i>PLoS ONE</i> , 2018, 13, e0206278.	1.1	61
11	Seasonal Variations in Water-Quality, Antibiotic Residues, Resistant Bacteria and Antibiotic Resistance Genes of <i>Escherichia coli</i> Isolates from Water and Sediments of the Kshipra River in Central India. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1281.	1.2	61
12	Antibiotic Resistance in an Indian Rural Community: A “One-Health”™ Observational Study on Commensal Coliform from Humans, Animals, and Water. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 386.	1.2	58
13	Geographical Variation in Antibiotic-Resistant <i>Escherichia coli</i> Isolates from Stool, Cow-Dung and Drinking Water. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 746-759.	1.2	57
14	Doped ZnO nanoparticles impregnated on Kaolinite (Clay): A reusable nanocomposite for photocatalytic disinfection of multidrug resistant <i>Enterobacter</i> sp. under visible light. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 610-623.	5.0	57
15	Antibiotic resistance among <i>Escherichia coli</i> isolates from stool samples of children aged 3 to 14 years from Ujjain, India. <i>BMC Infectious Diseases</i> , 2013, 13, 477.	1.3	56
16	Ag@SnO ₂ @ZnO core-shell nanocomposites assisted solar-photocatalysis downregulates multidrug resistance in <i>Bacillus</i> sp.: A catalytic approach to impede antibiotic resistance. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118065.	10.8	50
17	Seasonal and Temporal Variation in Release of Antibiotics in Hospital Wastewater: Estimation Using Continuous and Grab Sampling. <i>PLoS ONE</i> , 2013, 8, e68715.	1.1	47
18	Antibiotic Resistance and Antibiotic Resistance Genes in <i>Escherichia coli</i> Isolates from Hospital Wastewater in Vietnam. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 699.	1.2	46

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19	Mechanistic insight into the disinfection of Salmonella sp. by sun-light assisted sonophotocatalysis using doped ZnO nanoparticles. <i>Chemical Engineering Journal</i> , 2018, 336, 476-488.	6.6	43
20	Monitoring of Water Quality, Antibiotic Residues, and Antibiotic-Resistant Escherichia coli in the Kshipra River in India over a 3-Year Period. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7706.	1.2	34
21	Understanding Healthcare Workers Self-Reported Practices, Knowledge and Attitude about Hand Hygiene in a Medical Setting in Rural India. <i>PLoS ONE</i> , 2016, 11, e0163347.	1.1	30
22	Antibiotic Prescribing by Informal Healthcare Providers for Common Illnesses: A Repeated Cross-Sectional Study in Rural India. <i>Antibiotics</i> , 2019, 8, 139.	1.5	28
23	Climatic Factors and Community Associated Methicillin-Resistant Staphylococcus aureus Skin and Soft-Tissue Infections A Time-Series Analysis Study. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8996-9007.	1.2	23
24	Protocol: a "One health" two year follow-up, mixed methods study on antibiotic resistance, focusing children under 5 and their environment in rural India. <i>BMC Public Health</i> , 2015, 15, 1321.	1.2	23
25	Disinfection of the Water Borne Pathogens Escherichia coli and Staphylococcus aureus by Solar Photocatalysis Using Sonochemically Synthesized Reusable Ag@ZnO Core-Shell Nanoparticles. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 747.	1.2	23
26	Community perceptions of infectious diseases, antibiotic use and antibiotic resistance in context of environmental changes: a study in Odisha, India. <i>Health Expectations</i> , 2014, 17, 651-663.	1.1	21
27	Microplastics in drinking water: a macro issue. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5650-5674.	1.0	20
28	A Three-Year Follow-Up Study of Antibiotic and Metal Residues, Antibiotic Resistance and Resistance Genes, Focusing on Kshipra A River Associated with Holy Religious Mass-Bathing in India: Protocol Paper. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 574.	1.2	18
29	Improvement in health and empowerment of families as a result of watershed management in a tribal area in India - a qualitative study. <i>BMC International Health and Human Rights</i> , 2013, 13, 42.	2.5	17
30	Staff Perception on Biomedical or Health Care Waste Management: A Qualitative Study in a Rural Tertiary Care Hospital in India. <i>PLoS ONE</i> , 2015, 10, e0128383.	1.1	17
31	To unsnarl the mechanism of disinfection of Escherichia coli via visible light assisted heterogeneous photo-Fenton reaction in presence of biochar supported maghemite nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104620.	3.3	17
32	Determinants of Antibiotic Consumption - Development of a Model using Partial Least Squares Regression based on Data from India. <i>Scientific Reports</i> , 2018, 8, 6421.	1.6	15
33	High Proportions of Multidrug-Resistant Acinetobacter spp. Isolates in a District in Western India: A Four-Year Antibiotic Susceptibility Study of Clinical Isolates. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 153.	1.2	15
34	Antimicrobials and Antimicrobial Resistance in the Environment and Its Remediation: A Global One Health Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4614.	1.2	14
35	"How Can the Patients Remain Safe, If We Are Not Safe and Protected from the Infections? A Qualitative Exploration among Health-Care Workers about Challenges of Maintaining Hospital Cleanliness in a Resource Limited Tertiary Setting in Rural India. <i>International Journal of Environmental Research and Public Health</i> . 2018. 15. 1942.	1.2	13
36	Can Integrated Watershed Management Contribute to Improvement of Public Health? A Cross-Sectional Study from Hilly Tribal Villages in India. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 2653-2669.	1.2	12

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37	Knowledge and self-reported practices of infection control among various occupational groups in a rural and an urban hospital in Vietnam. <i>Scientific Reports</i> , 2018, 8, 5119.	1.6	12
38	Mass bathing events in River Kshipra, Central India- influence on the water quality and the antibiotic susceptibility pattern of commensal E.coli. <i>PLoS ONE</i> , 2020, 15, e0229664.	1.1	11
39	Biogenic Ag/CaO nanocomposites kill <i>Staphylococcus aureus</i> with reduced toxicity towards mammalian cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110846.	2.5	11
40	Trends in Resistance to Extended-Spectrum Cephalosporins and Carbapenems among <i>Escherichia coli</i> and <i>Klebsiella</i> spp. Isolates in a District in Western India during 2004â€“2014. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 155.	1.2	10
41	Determinants and pathways of healthcare-seeking behaviours in under-5 children for common childhood illnesses and antibiotic prescribing: a cohort study in rural India. <i>BMJ Open</i> , 2021, 11, e052435.	0.8	10
42	Quality of Water and Antibiotic Resistance of <i>Escherichia coli</i> from Water Sources of Hilly Tribal Villages with and without Integrated Watershed Managementâ€”A One Year Prospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 6156-6170.	1.2	9
43	Detection of virulence genes in ESBL producing, quinolone resistant commensal <i>Escherichia coli</i> from rural Indian children. <i>Journal of Infection in Developing Countries</i> , 2017, 11, 387-392.	0.5	8
44	Impact of Integrated Watershed Management on Complex Interlinked Factors Influencing Health: Perceptions of Professional Stakeholders in a Hilly Tribal Area of India. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 285.	1.2	7
45	A Potential Way to Decrease the Know-Do Gap in Hospital Infection Control in Vietnam: â€œProviding Specific Figures on Healthcare-Associated Infections to the Hospital Staff Can â€”Wake Them Upâ€” to Change Their Behaviourâ€” <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1549.	1.2	7
46	Sonophotocatalysis-mediated morphological transition modulates virulence and antibiotic resistance in <i>Salmonella Typhimurium</i> . <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1917-1930.	1.2	5
47	Identifying the know-do gap in evidence-based neonatal care practices among informal health care providersâ€”a cross-sectional study from Ujjain, India. <i>BMC Health Services Research</i> , 2020, 20, 966.	0.9	4
48	Characteristics of a Nationwide Voluntary Antibiotic Resistance Awareness Campaign in India; Future Paths and Pointers for Resource Limited Settings/Low and Middle Income Countries. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5141.	1.2	3
49	Draft Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Strain E24377A, Obtained from a Tribal Drinking Water Source in India. <i>Genome Announcements</i> , 2015, 3, .	0.8	2
50	Designing Novel Photocatalysts for Disinfection of Multidrug-Resistant Waterborne Bacteria. <i>Green Energy and Technology</i> , 2020, , 441-476.	0.4	1
51	Title is missing!. , 2020, 15, e0229664.		0
52	Title is missing!. , 2020, 15, e0229664.		0
53	Title is missing!. , 2020, 15, e0229664.		0
54	Title is missing!. , 2020, 15, e0229664.		0