

# Vivek Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,748  
citations

257450

24  
h-index

315739

38  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptomatic Reinfection in 2 Healthcare Workers From India With Genetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2. <i>Clinical Infectious Diseases</i> , 2021, 73, e2823-e2825.	5.8	162
2	Efficacy of Autologous Bone Marrow-Derived Stem Cell Transplantation in Patients With Type 2 Diabetes Mellitus. <i>Stem Cells and Development</i> , 2009, 18, 1407-1416.	2.1	111
3	Potential of Hybrid Data-Intelligence Algorithms for Multi-Station Modelling of Rainfall. <i>Water Resources Management</i> , 2019, 33, 5067-5087.	3.9	87
4	Investigation of multi-model spatiotemporal mesoscale drought projections over India under climate change scenario. <i>Journal of Hydrology</i> , 2018, 567, 489-509.	5.4	86
5	Identification of Homogeneous Rainfall Regimes in Northeast Region of India using Fuzzy Cluster Analysis. <i>Water Resources Management</i> , 2014, 28, 4491-4511.	3.9	67
6	Evaluation of computerized health management information system for primary health care in rural India. <i>BMC Health Services Research</i> , 2010, 10, 310.	2.2	66
7	An assessment of global satellite-based precipitation datasets in capturing precipitation extremes: A comparison with observed precipitation dataset in India. <i>International Journal of Climatology</i> , 2020, 40, 3667-3688.	3.5	60
8	Nonaneurysmal nonperimesencephalic subarachnoid hemorrhage: is it a benign entity?. <i>World Neurosurgery</i> , 2009, 71, 566-571.	1.3	57
9	Patterns of tobacco use across rural, urban, and urban-slum populations in a North Indian community. <i>Indian Journal of Community Medicine</i> , 2010, 35, 245.	0.4	56
10	Assessment of precipitation extremes in India during the 21st century under SSP1-1.9 mitigation scenarios of CMIP6 GCMs. <i>Journal of Hydrology</i> , 2020, 590, 125422.	5.4	53
11	Patient characteristics, health seeking and delays among new sputum smear positive TB patients identified through active case finding when compared to passive case finding in India. <i>PLoS ONE</i> , 2019, 14, e0213345.	2.5	41
12	Multivariate Modeling of Projected Drought Frequency and Hazard over India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	1.9	38
13	Spatiotemporal assessment of drought hazard, vulnerability and risk in the Krishna River basin, India. <i>Natural Hazards</i> , 2019, 99, 611-635.	3.4	37
14	A state of the art review to enhance the industrial scale waste utilization in sustainable unfired bricks. <i>Construction and Building Materials</i> , 2020, 254, 119220.	7.2	36
15	Study on the mineral phase characteristics of various Indian biomass and coal fly ash for its use in masonry construction products. <i>Construction and Building Materials</i> , 2020, 235, 117413.	7.2	35
16	Prevalence of knee osteoarthritis amongst perimenopausal women in an urban resettlement colony in South Delhi. <i>Indian Journal of Public Health</i> , 2010, 54, 155.	0.6	32
17	Factors affecting bone mineral density in patients with prostate carcinoma before and after orchidectomy. <i>Cancer</i> , 2005, 103, 2042-2052.	4.1	31
18	Impact of ENSO, Global Warming, and Land Surface Elevation on Extreme Precipitation in India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	1.9	31

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19	Association of cataract and sun exposure in geographically diverse populations of India: The CASE study. First Report of the ICMR-EYE SEE Study Group. PLoS ONE, 2020, 15, e0227868.	2.5	29
20	Rates of respiratory virus-associated hospitalization in children aged <math>\leq 5</math> years in rural northern India. Journal of Infection, 2014, 68, 281-289.	3.3	28
21	Dynamic Magnetic Resonance Imaging Evaluation of Craniovertebral Junction Abnormalities. Journal of Computer Assisted Tomography, 2007, 31, 354-359.	0.9	27
22	Non-surgical management of pancreatic pseudocysts associated with arterial pseudoaneurysm. Pancreatology, 2013, 13, 250-253.	1.1	26
23	Pelvic artery embolization in the management of obstetric hemorrhage. Acta Obstetrica Et Gynecologica Scandinavica, 2010, 89, 1096-1099.	2.8	25
24	Validity of clinical case definitions for influenza surveillance among hospitalized patients: results from a rural community in North India. Influenza and Other Respiratory Viruses, 2013, 7, 321-329.	3.4	25
25	How to Effectively Monitor and Evaluate NCD Programmes in India. Indian Journal of Community Medicine, 2011, 36, 57.	0.4	24
26	Revitalizing rural health care delivery: Can rural health practitioners be the answer?. Indian Journal of Community Medicine, 2009, 34, 3.	0.4	23
27	An energy efficient fog-cloud based architecture for healthcare. Journal of Statistics and Management Systems, 2018, 21, 529-537.	0.6	22
28	Sustainable development of self-compacting cementitious mixes using waste originated fibers: A review. Resources, Conservation and Recycling, 2021, 168, 105250.	10.8	21
29	Optimum mixing sequence and moisture content for hydrated lime fly ash bricks. Journal of Cleaner Production, 2021, 285, 124859.	9.3	21
30	Postpyelolithotomy Renal Artery Pseudoaneurysm Management with Percutaneous Thrombin Injection: A Case Report. CardioVascular and Interventional Radiology, 2008, 31, 422-426.	2.0	19
31	Low pre-diagnosis attrition but high pre-treatment attrition among patients with MDR-TB: An operational research from Chennai, India. Journal of Epidemiology and Global Health, 2017, 7, 227.	2.9	18
32	A study on rheological properties of rubber fiber dosed self-compacting mortar. Construction and Building Materials, 2020, 262, 120745.	7.2	17
33	Iatrogenic Life-Threatening Pseudoaneurysms of Extracranial Internal Carotid Artery After Fine-Needle Aspiration of Cervical Lymph Nodes: Report of Two Cases in Children. CardioVascular and Interventional Radiology, 2009, 32, 1260-1263.	2.0	16
34	Stent-Graft Repair of a Large Cervical Internal Carotid Artery Pseudoaneurysm Causing Dysphagia. CardioVascular and Interventional Radiology, 2009, 32, 558-562.	2.0	15
35	Acid resistance of fine bone china ceramic aggregate concrete. European Journal of Environmental and Civil Engineering, 2021, 25, 1219-1232.	2.1	15
36	Assessment of Clinically Suspected Tubercular Lymphadenopathy by Real-Time PCR Compared to Non-Molecular Methods on Lymph Node Aspirates. Acta Cytologica, 2018, 62, 4-11.	1.3	13

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37	Thumb Opposition Recovery Following Surgery for Severe Carpal Tunnel Syndrome: A Clinical, Radiological, and Electrophysiological Pilot Study. <i>Journal of Hand Surgery</i> , 2019, 44, 157.e1-157.e5.	1.6	13
38	Embolization of congenital intrahepatic porto-systemic shunt by n-butyl cyanoacrylate. <i>Indian Journal of Pediatrics</i> , 2009, 76, 1059-1060.	0.8	12
39	Central Nervous System Fungal Infections in Tropics. <i>Neuroimaging Clinics of North America</i> , 2011, 21, 859-866.	1.0	12
40	Socioeconomic development and girl child survival in rural North India: solution or problem?. <i>Journal of Epidemiology and Community Health</i> , 2013, 67, 419-426.	3.7	12
41	Prediagnostic loss to follow-up in an active case finding tuberculosis programme: a mixed-methods study from rural Bihar, India. <i>BMJ Open</i> , 2020, 10, e033706.	1.9	12
42	Causes of death in rural adult population of North India (2002-2007), using verbal autopsy tool. <i>Indian Journal of Public Health</i> , 2013, 57, 78.	0.6	11
43	Awareness and eye health-seeking practices for cataract among urban slum population of Delhi: The North India eye disease awareness study. <i>Indian Journal of Ophthalmology</i> , 2017, 65, 1483.	1.1	11
44	Stroke following a bicycle injury. <i>Indian Journal of Pediatrics</i> , 2007, 74, 856-858.	0.8	10
45	Design and initiation of a study to assess the direct and indirect effects of influenza vaccine given to children in rural India. <i>Vaccine</i> , 2012, 30, 5235-5239.	3.8	10
46	Hydrological Drought: Water Surface and Duration Curve Indices. , 2017, , 45-71.		10
47	Raman imaging for measuring homogeneity of dry binary blend: Combining microscopy with spectroscopy for technologists. <i>Analytical Science Advances</i> , 2020, 1, 89-96.	2.8	9
48	Severe hypotension with intracisternal application of papaverine after clipping of an intracranial aneurysm. <i>World Neurosurgery</i> , 2009, 72, 770-771.	1.3	8
49	Clinical and cytological features in diagnosis of peripheral tubercular lymphadenitis – A hospital-based study from central India. <i>Indian Journal of Tuberculosis</i> , 2017, 64, 309-313.	0.7	8
50	An artificial neural network-based prediction model for utilization of coal ash in production of fired clay bricks: A review. <i>Science of Sintering</i> , 2021, 53, 37-53.	1.4	8
51	Influence of the Precursor, Molarity and Temperature on the Rheology and Structural Buildup of Alkali-Activated Materials. <i>Materials</i> , 2021, 14, 3590.	2.9	8
52	Spinal cord compression caused by anaplastic large cell lymphoma in an HIV infected individual. <i>Journal of Cancer Research and Therapeutics</i> , 2010, 6, 376.	0.9	7
53	Magnetic Resonance Imaging of Cerebral Malaria. <i>Journal of Emergency Medicine</i> , 2012, 42, e117-e119.	0.7	7
54	Incidence of symptomatic A(H1N1)pdm09 influenza during the pandemic and post-pandemic periods in a rural Indian community. <i>International Journal of Infectious Diseases</i> , 2013, 17, e1182-e1185.	3.3	7

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55	Improvement in structural properties of SnTe by Co doping for thermo-electric applications. Materials Today: Proceedings, 2021, 46, 5857-5860.	1.8	7
56	Production of colored bi-layered bricks from stone processing wastes: Structural and spectroscopic characterization. Construction and Building Materials, 2021, 278, 122339.	7.2	7
57	Sudden death in a case of lateral medullary syndrome. Neurology India, 2009, 57, 225.	0.4	6
58	Bilateral Symmetrical Metastasis to All Extraocular Muscles from Distant Rhabdomyosarcoma. Orbit, 2010, 29, 147-149.	0.8	6
59	Fat embolism syndrome mimicker of diffuse axonal injury on magnetic resonance imaging. Neurology India, 2012, 60, 100.	0.4	6
60	Hemorrhage in meningioma: An unwanted outcome of pregnancy. Neurology India, 2013, 61, 329.	0.4	6
61	Structural and morphological studies of Se doped SnTe thermoelectric material. Materials Today: Proceedings, 2022, 62, 6420-6424.	1.8	6
62	Neurofibromatosis Type 1 With Intracranial Hemorrhage and Horseshoe Kidney. Pediatric Neurology, 2008, 39, 295-297.	2.1	5
63	“Integrated Naturopathy and Yoga”™ reduces blood pressure and the need for medications among a cohort of hypertensive patients in South India: 3-months follow-up study. Advances in Integrative Medicine, 2016, 3, 90-97.	0.9	5
64	Application of raman spectroscopy for characterization of natural stone sludge waste. Materials Today: Proceedings, 2020, 26, 681-684.	1.8	5
65	Navigated Unicompartmental Knee Arthroplasty: A Different Perspective. Clinics in Orthopedic Surgery, 2021, 13, 491.	2.2	5
66	Risk Factors and Outcomes Associated with Intraoperative Fractures during Short-Stem Total Hip Arthroplasty for Osteonecrosis of the Femoral Head. Clinics in Orthopedic Surgery, 2022, 14, 41.	2.2	5
67	Incidental pneumoparotid detected on computed tomography: Should it raise an alarm?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2012, 114, 792-795.	0.4	4
68	Demographic Shift of Influenza A(H1N1)pdm09 During and After Pandemic, Rural India. Emerging Infectious Diseases, 2012, 18, 1472-1475.	4.3	4
69	Correlation of dual energy computed tomography electron density measurements with cerebral glioma grade. Neuroradiology Journal, 2022, 35, 352-362.	1.2	4
70	A case of Plasmodium vivax malaria associated with severe autoimmune hemolytic anaemia. Annals of Tropical Medicine and Public Health, 2012, 5, 133.	0.1	3
71	Hypopituitarism secondary to snake envenomation. Neurology India, 2013, 61, 310.	0.4	3
72	Diagnosis of clinically suspected and unsuspected tubercular lymphadenopathy by cytology, culture, and smear microscopy. Indian Journal of Tuberculosis, 2017, 64, 314-317.	0.7	3

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73	Molecular Diagnosis of Tubercular Lymphadenopathy from Fine-Needle Aspirates in Pediatric Patients. <i>Acta Cytologica</i> , 2017, 61, 173-178.	1.3	3
74	Characterization of different types of fly ash collected from various sources in Central India. <i>Materials Today: Proceedings</i> , 2019, 18, 5076-5080.	1.8	3
75	Environmental surface sampling for SARS-CoV-2 around hospitalized patients with COVID-19 in a tertiary care hospital. <i>Asian Journal of Medical Sciences</i> , 2022, 13, 27-31.	0.1	2
76	A study of frost occurrence and minimum temperatures in Iran. <i>Journal of Earth System Science</i> , 2019, 128, 1.	1.3	1
77	Performance evaluation of satellite precipitation estimation with ground monitoring stations over southern Himalayas in Bhutan. <i>Acta Geophysica</i> , 2020, 68, 933-943.	2.0	1
78	Cooperative Spectrum Sensing Optimization Using Meta-heuristic Algorithms. <i>Wireless Personal Communications</i> , 2020, 113, 1755-1773.	2.7	1
79	Do smoke-free laws or policies impact smoking at home? A comparison between smoke-free and nonsmoke-free jurisdiction in India. <i>International Journal of Noncommunicable Diseases</i> , 2018, 3, 28.	0.2	1
80	Methylation pattern of retrotransposons: Biomarker for human cancer. <i>Journal of Datta Meghe Institute of Medical Sciences University</i> , 2018, 13, 66.	0.1	1
81	Closure to "Multivariate Modeling of Projected Drought Frequency and Hazard over India" by Vivek Gupta, Manoj Kumar Jain, and Vijay P. Singh. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, 07020025.	1.9	0
82	COVID 19 pandemic: An opportunity to investigate medical professionalism. <i>Canadian Medical Education Journal</i> , 2021, 12, e103-e104.	0.4	0
83	Impact of different parameters on the performance of GaAs solar cell using PC1D simulation. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	0