

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 | Correlation of dual energy computed tomography electron density measurements with cerebral glioma grade. <i>Neuroradiology Journal</i> , 2022, 35, 352-362. | 1.2 | 4 |
| 2 | 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 |
| 3 | Risk Factors and Outcomes Associated with Intraoperative Fractures during Short-Stem Total Hip Arthroplasty for Osteonecrosis of the Femoral Head. <i>Clinics in Orthopedic Surgery</i> , 2022, 14, 41. | 2.2 | 5 |
| 4 | Structural and morphological studies of Se doped SnTe thermoelectric material. <i>Materials Today: Proceedings</i> , 2022, 62, 6420-6424. | 1.8 | 6 |
| 5 | Impact of different parameters on the performance of GaAs solar cell using PC1D simulation. <i>Materials Today: Proceedings</i> , 2022, , . | 1.8 | 0 |
| 6 | 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 |
| 7 | Acid resistance of fine bone china ceramic aggregate concrete. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 1219-1232. | 2.1 | 15 |
| 8 | Sustainable development of self-compacting cementitious mixes using waste originated fibers: A review. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105250. | 10.8 | 21 |
| 9 | Optimum mixing sequence and moisture content for hydrated lime fly ash bricks. <i>Journal of Cleaner Production</i> , 2021, 285, 124859. | 9.3 | 21 |
| 10 | 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 |
| 11 | Navigated Unicompartmental Knee Arthroplasty: A Different Perspective. <i>Clinics in Orthopedic Surgery</i> , 2021, 13, 491. | 2.2 | 5 |
| 12 | Improvement in structural properties of SnTe by Co doping for thermo-electric applications. <i>Materials Today: Proceedings</i> , 2021, 46, 5857-5860. | 1.8 | 7 |
| 13 | 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 |
| 14 | Production of colored bi-layered bricks from stone processing wastes: Structural and spectroscopic characterization. <i>Construction and Building Materials</i> , 2021, 278, 122339. | 7.2 | 7 |
| 15 | 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 |
| 16 | COVID 19 pandemic: An opportunity to investigate medical professionalism. <i>Canadian Medical Education Journal</i> , 2021, 12, e103-e104. | 0.4 | 0 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | A study on rheological properties of rubber fiber dosed self-compacting mortar. <i>Construction and Building Materials</i> , 2020, 262, 120745. | 7.2 | 17 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Application of raman spectroscopy for characterization of natural stone sludge waste. <i>Materials Today: Proceedings</i> , 2020, 26, 681-684. | 1.8 | 5 |
| 26 | Multivariate Modeling of Projected Drought Frequency and Hazard over India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, . | 1.9 | 38 |
| 27 | Cooperative Spectrum Sensing Optimization Using Meta-heuristic Algorithms. <i>Wireless Personal Communications</i> , 2020, 113, 1755-1773. | 2.7 | 1 |
| 28 | 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 |
| 29 | Association of cataract and sun exposure in geographically diverse populations of India: The CASE study. First Report of the ICMR-EYE SEE Study Group. <i>PLoS ONE</i> , 2020, 15, e0227868. | 2.5 | 29 |
| 30 | 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 |
| 31 | 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 |
| 32 | A study of frost occurrence and minimum temperatures in Iran. <i>Journal of Earth System Science</i> , 2019, 128, 1. | 1.3 | 1 |
| 33 | 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 |
| 34 | Potential of Hybrid Data-Intelligence Algorithms for Multi-Station Modelling of Rainfall. <i>Water Resources Management</i> , 2019, 33, 5067-5087. | 3.9 | 87 |
| 35 | 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 |
| 36 | Assessment of Clinically Suspected Tubercular Lymphadenopathy by Real-Time PCR Compared to Non-Molecular Methods on Lymph Node Aspirates. <i>Acta Cytologica</i> , 2018, 62, 4-11. | 1.3 | 13 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | An energy efficient fog-cloud based architecture for healthcare. <i>Journal of Statistics and Management Systems</i> , 2018, 21, 529-537. | 0.6 | 22 |
| 39 | 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 |
| 40 | 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 |
| 41 | Diagnosis of clinically suspected and unsuspected tubercular lymphadenopathy by cytology, culture, and smear microscopy. <i>Indian Journal of Tuberculosis</i> , 2017, 64, 314-317. | 0.7 | 3 |
| 42 | Molecular Diagnosis of Tubercular Lymphadenopathy from Fine-Needle Aspirates in Pediatric Patients. <i>Acta Cytologica</i> , 2017, 61, 173-178. | 1.3 | 3 |
| 43 | 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 |
| 44 | Low pre-diagnosis attrition but high pre-treatment attrition among patients with MDR-TB: An operational research from Chennai, India. <i>Journal of Epidemiology and Global Health</i> , 2017, 7, 227. | 2.9 | 18 |
| 45 | Hydrological Drought: Water Surface and Duration Curve Indices. , 2017, , 45-71. | | 10 |
| 46 | 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 |
| 47 | “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. <i>Advances in Integrative Medicine</i> , 2016, 3, 90-97. | 0.9 | 5 |
| 48 | 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 |
| 49 | Rates of respiratory virus-associated hospitalization in children aged <5 years in rural northern India. <i>Journal of Infection</i> , 2014, 68, 281-289. | 3.3 | 28 |
| 50 | Validity of clinical case definitions for influenza surveillance among hospitalized patients: results from a rural community in North India. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 321-329. | 3.4 | 25 |
| 51 | 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 |
| 52 | Non-surgical management of pancreatic pseudocysts associated with arterial pseudoaneurysm. <i>Pancreatology</i> , 2013, 13, 250-253. | 1.1 | 26 |
| 53 | Hemorrhage in meningioma: An unwanted outcome of pregnancy. <i>Neurology India</i> , 2013, 61, 329. | 0.4 | 6 |
| 54 | Hypopituitarism secondary to snake envenomation. <i>Neurology India</i> , 2013, 61, 310. | 0.4 | 3 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | A case of Plasmodium vivax malaria associated with severe autoimmune hemolytic anaemia. <i>Annals of Tropical Medicine and Public Health</i> , 2012, 5, 133. | 0.1 | 3 |
| 58 | Fat embolism syndrome mimicker of diffuse axonal injury on magnetic resonance imaging. <i>Neurology India</i> , 2012, 60, 100. | 0.4 | 6 |
| 59 | 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 |
| 60 | Magnetic Resonance Imaging of Cerebral Malaria. <i>Journal of Emergency Medicine</i> , 2012, 42, e117-e119. | 0.7 | 7 |
| 61 | Incidental pneumoparotid detected on computed tomography: Should it raise an alarm?. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, 792-795. | 0.4 | 4 |
| 62 | Demographic Shift of Influenza A(H1N1)pdm09 During and After Pandemic, Rural India. <i>Emerging Infectious Diseases</i> , 2012, 18, 1472-1475. | 4.3 | 4 |
| 63 | Central Nervous System Fungal Infections in Tropics. <i>Neuroimaging Clinics of North America</i> , 2011, 21, 859-866. | 1.0 | 12 |
| 64 | How to Effectively Monitor and Evaluate NCD Programmes in India. <i>Indian Journal of Community Medicine</i> , 2011, 36, 57. | 0.4 | 24 |
| 65 | Pelvic artery embolization in the management of obstetric hemorrhage. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 1096-1099. | 2.8 | 25 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | Bilateral Symmetrical Metastasis to All Extraocular Muscles from Distant Rhabdomyosarcoma. <i>Orbit</i> , 2010, 29, 147-149. | 0.8 | 6 |
| 70 | 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 |
| 71 | Sudden death in a case of lateral medullary syndrome. <i>Neurology India</i> , 2009, 57, 225. | 0.4 | 6 |
| 72 | Embolization of congenital intrahepatic porto-systemic shunt by n-butyl cyanoacrylate. <i>Indian Journal of Pediatrics</i> , 2009, 76, 1059-1060. | 0.8 | 12 |

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|----|--|-----|-----------|
| 73 | Stent-Graft Repair of a Large Cervical Internal Carotid Artery Pseudoaneurysm Causing Dysphagia. CardioVascular and Interventional Radiology, 2009, 32, 558-562. | 2.0 | 15 |
| 74 | 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 |
| 75 | Nonaneurysmal nonperimesencephalic subarachnoid hemorrhage: is it a benign entity?. World Neurosurgery, 2009, 71, 566-571. | 1.3 | 57 |
| 76 | Severe hypotension with intracisternal application of papaverine after clipping of an intracranial aneurysm. World Neurosurgery, 2009, 72, 770-771. | 1.3 | 8 |
| 77 | Efficacy of Autologous Bone Marrow-Derived Stem Cell Transplantation in Patients With Type 2 Diabetes Mellitus. Stem Cells and Development, 2009, 18, 1407-1416. | 2.1 | 111 |
| 78 | Revitalizing rural health care delivery: Can rural health practitioners be the answer?. Indian Journal of Community Medicine, 2009, 34, 3. | 0.4 | 23 |
| 79 | Postpyelolithotomy Renal Artery Pseudoaneurysm Management with Percutaneous Thrombin Injection: A Case Report. CardioVascular and Interventional Radiology, 2008, 31, 422-426. | 2.0 | 19 |
| 80 | Neurofibromatosis Type 1 With Intracranial Hemorrhage and Horseshoe Kidney. Pediatric Neurology, 2008, 39, 295-297. | 2.1 | 5 |
| 81 | Dynamic Magnetic Resonance Imaging Evaluation of Craniovertebral Junction Abnormalities. Journal of Computer Assisted Tomography, 2007, 31, 354-359. | 0.9 | 27 |
| 82 | Stroke following a bicycle injury. Indian Journal of Pediatrics, 2007, 74, 856-858. | 0.8 | 10 |
| 83 | Factors affecting bone mineral density in patients with prostate carcinoma before and after orchidectomy. Cancer, 2005, 103, 2042-2052. | 4.1 | 31 |